"Telomere & Aging/Senecence" Articles
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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID
1	Adverse Childhood Experiences Are Associated with Cardiometabolic Risk Indicators and Telomere Length in Low-Income African-American Adolescents	Kliewer W	Int J Behav Med. 2022 Feb;29(1):131-135.	2022	2021/4/6	33821432
2	Telomere Length, SIRT1, and Insulin in Male Master Athletes: The Path to Healthy Longevity?	Aguiar SS	Int J Sports Med. 2022 Jan;43(1):29-33.	2022	2021/7/13	34256387
3	Cellular senescence in ageing: from mechanisms to therapeutic opportunities	Di Micco R	Nat Rev Mol Cell Biol. 2021 Feb;22(2):75-95.	2021	2020/12/17	33328614
4	Mediterranean diet and the hallmarks of ageing	Shannon OM	Eur J Clin Nutr. 2021 Aug;75(8):1176-1192.	2021	2021/1/30	33514872
5	Is Evidence Supporting the Subtelomere-Telomere Theory of Aging?	Libertini G	Biochemistry (Mosc). 2021 Dec;86(12):1526-1539.	2021	2021/12/23	34937532
6	Is There an Interconnection between Epithelial-Mesenchymal Transition (EMT) and Telomere Shortening in Aging?	Imran SAM	Int J Mol Sci. 2021 Apr 9;22(8):3888.	2021	2021/4/30	33918710
7	Take a Ride on the Telomere-Aging Train	Allsopp R	J Gerontol A Biol Sci Med Sci. 2021 Jan 1;76(1):1-2.	2021	2020/12/23	33355657
8	Fluorescence microscopy methods for examining telomeres during cell aging	Adam N	Ageing Res Rev. 2021 Jul;68:101320.	2021	2021/3/21	33744488
9	The Relationship Between Vitamin D and Telomere/Telomerase: A Comprehensive Review	Zarei M	J Frailty Aging. 2021;10(1):2-9.	2021	2020/12/17	33331615
10	Telomere length: biological marker of cellular vitality, aging, and health-disease process	Teixeira MZ	Rev Assoc Med Bras (1992). 2021 Feb;67(2):173-177.	2021	2021/8/18	34406239
11	Telomere length and chronic kidney disease: cause or consequence?	Kronenberg F	Kidney Int. 2021 Nov;100(5):980-983.	2021	2021/10/24	34688387
12	Regulation of Gene Expression by Telomere Position Effect	Lee KH	Int J Mol Sci. 2021 Nov 26;22(23):12807.	2021	2021/12/10	34884608

13	Roles of telomeres and telomerase in age-related renal diseases (Review)	Li H	Mol Med Rep. 2021 Feb;23(2):96.	2021	2020/12/10	33300081
14	Marital Quality and Salivary Telomere Length Among Older Men and Women in the United States	Yu YL	J Aging Health. 2021 Jun-Jul;33(5-6):300-309.	2021	2020/12/29	33371776
15	Telomere attrition rates are associated with weather conditions and predict productive lifespan in dairy cattle	Seeker LA	Sci Rep. 2021 Mar 10;11(1):5589.	2021	2021/3/11	33692400
16	Association between telomere length, frailty and death in older adults	El Assar M	Geroscience. 2021 Apr;43(2):1015-1027.	2021	2020/11/15	33190211
17	Exploring Telomere Dynamics in Aging Male Rat Tissues: Can Tissue-Specific Differences Contribute to Age-Associated Pathologies?	Tarry-Adkins JL	Gerontology. 2021;67(2):233-242.	2021	2021/3/7	33677456
18	Growth acceleration results in faster telomere shortening later in life	Salmón P	Proc Biol Sci. 2021 Aug 11;288(1956):20211118.	2021	2021/8/10	34375555
19	[Effect of moxibustion on acupoints at "opening" time on telomere length and expression of liver cell cycle regulators in aging rats]	Wang Y	Zhen Ci Yan Jiu. 2021 Feb 25;46(2):117-22.	2021	2021/3/31	33788432
20	Longer telomeres during early life predict higher lifetime reproductive success in females but not males	Heidinger BJ	Proc Biol Sci. 2021 May 26;288(1951):20210560.	2021	2021/5/26	34034512
21	Shortened leukocyte telomere length in young adults who use methamphetamine	Lin YF	Transl Psychiatry. 2021 Oct 9;11(1):519.	2021	2021/10/10	34628468
22	Effect of DNA repair inhibitor AsiDNA on the incidence of telomere fusion in crisis	Subecz C	Hum Mol Genet. 2021 Apr 26;30(3-4):172-181.	2021	2021/1/22	33480989
23	Stress reactivity elicits a tissue-specific reduction in telomere length in aging zebrafish (Danio rerio)	Evans JR	Sci Rep. 2021 Jan 11;11(1):339.	2021	2021/1/12	33431974
24	Environmental pollutants exposure: A potential contributor for aging and age-related diseases	Liu Y	Environ Toxicol Pharmacol. 2021 Apr;83:103575.	2021	2021/1/1	33385577
25	Social inequalities in accelerated aging among southern U.S. women: an analysis of the biosocial and behavioral pathways linking social determinants to telomere length	Moore S	Biodemography Soc Biol. 2021 Apr-Jun;66(2):118-131.	2021	2021/6/29	34182850
26	Number and Replating Capacity of Endothelial Colony-Forming Cells are Telomere Length Dependent: Implication for Human Atherogenesis	Toupance S	J Am Heart Assoc. 2021 May 18;10(10):e020606.	2021	2021/5/6	33955230
27	DNA- and telomere-damage does not limit lifespan: evidence from rapamycin	Blagosklonny MV	Aging (Albany NY). 2021 Feb 12;13(3):3167-3175.	2021	2021/2/12	33578394
28	No evidence of physiological declines with age in an extremely long-lived fish	Sauer DJ	Sci Rep. 2021 Apr 27;11(1):9065.	2021	2021/4/28	33907285

29	Longitudinal evidence that older parents produce offspring with longer telomeres in a wild social bird	Brown AM	Biol Lett. 2021 Oct;17(10):20210409.	2021	2021/10/19	34665991
30	Newborn telomere length and the early life origins of age-related disease	Needham BL	EBioMedicine. 2021 Feb;64:103214.	2021	2021/1/25	33493798
31	Contrasting associations between nestling telomere length and pre and postnatal helpers' presence in a cooperatively breeding bird	Quque M	Oecologia. 2021 May;196(1):37-51.	2021	2021/4/17	33864121
32	What telomeres teach us about MS	Miner AE	Mult Scler Relat Disord. 2021 Sep;54:103084.	2021	2021/8/9	34371369
33	External environmental agents influence telomere length and telomerase activity by modulating internal cellular processes: Implications in human aging	Fernandes SG	Environ Toxicol Pharmacol. 2021 Jul;85:103633.	2021	2021/3/12	33711516
34	Age-related telomere attrition causes aberrant gene expression in sub-telomeric regions	Dong X	Aging Cell. 2021 Jun;20(6):e13357.	2021	2021/5/21	34018656
35	Influence of Body Fat on Oxidative Stress and Telomere Length of Master Athletes	Aguiar SS	J Strength Cond Res. 2021 Jun 1;35(6):1693-1699.	2021	2019/1/15	30640301
36	Telomere length dynamics over 10-years and related outcomes in patients with COPD	Córdoba-Lanús E	Respir Res. 2021 Feb 15;22(1):56.	2021	2021/2/20	33608013
37	Telomere length and its relationships with lifestyle and behavioural factors: variations by sex and race/ethnicity	Vyas CM	Age Ageing. 2021 May 5;50(3):838-846.	2021	2020/10/1	33001148
38	Longitudinal changes in telomere length in PCB-exposed individuals: interaction with CMV infection	Beier F	Arch Toxicol. 2021 Apr;95(4):1517-1520.	2021	2021/3/19	33740104
39	Role of maternal nutrition and oxidative stress in placental telomere attrition in women with preeclampsia	Godhamgaonkar AA	Hypertens Pregnancy. 2021 Feb;40(1):63-74.	2021	2021/1/7	33406938
40	Telomeres: history, health, and hallmarks of aging	Chakravarti D	Cell. 2021 Jan 21;184(2):306-322.	2021	2021/1/15	33450206
41	Master athletes have longer telomeres than age-matched non-athletes. A systematic review, meta-analysis and discussion of possible mechanisms	Aguiar SS	Exp Gerontol. 2021 Apr;146:111212.	2021	2021/1/2	33387607
42	Decreased expression of TERT and telomeric proteins as human ovaries age may cause telomere shortening	Uysal F	J Assist Reprod Genet. 2021 Feb;38(2):429-441.	2021	2020/8/29	32856217
43	Potential of Naturally Derived Compounds in Telomerase and Telomere Modulation in Skin Senescence and Aging	Jacczak B	Int J Mol Sci. 2021 Jun 15;22(12):6381.	2021	2021/7/2	34203694
44	A novel signalling mechanism regulating telomere length in cardiomyocytes	Frati G	Cardiovasc Res. 2021 Jan 1;117(1):13-14.	2021	2020/7/16	32666074

45	Gut-Derived Endotoxin and Telomere Length Attrition in Adults with and without Type 2 Diabetes	Al-Daghri NM	Biomolecules. 2021 Nov 14;11(11):1693.	2021	2021/11/27	34827691
46	Crosstalk among DNA Damage, Mitochondrial Dysfunction, Impaired Mitophagy, Stem Cell Attrition, and Senescence in the Accelerated Ageing Disorder Werner Syndrome	Gudmundsrud R	Cytogenet Genome Res. 2021;161(6-7):297-304.	2021	2021/8/25	34433164
47	Newborn telomere length predicts later life telomere length: Tracking telomere length from birth to child- and adulthood	Martens DS	EBioMedicine. 2021 Jan;63:103164.	2021	2021/1/10	33422989
48	Continuous reference intervals for leukocyte telomere length in children: the method matters	Lesmana A	Clin Chem Lab Med. 2021 Mar 15;59(7):1279-1288.	2021	2021/3/12	33711214
49	[Accelerated telomere erosion in schizophrenia: A literature review]	Corfdir C	Encephale. 2021 Aug;47(4):369-375.	2021	2021/4/17	33863507
50	Function of telomere in aging and age related diseases	Erdem HB	Environ Toxicol Pharmacol. 2021 Jul;85:103641.	2021	2021/3/28	33774188
51	Diet and Leukocyte Telomere Length in a Population with Extended Longevity: The Costa Rican Longevity and Healthy Aging Study (CRELES)	Ruiz-Narváez EA	Nutrients. 2021 Jul 28;13(8):2585.	2021	2021/8/27	34444746
52	Mutagen-induced telomere instability in human cells	Bolzán AD	Mutat Res Genet Toxicol Environ Mutagen. 2021 Aug-Sep;868-869:503387	2021	2021/8/29	34454696
53	No alteration of leukocyte telomere length in first episode psychosis	Schürhoff F	Psychiatry Res. 2021 Jul;301:113941.	2021	2021/5/4	33945962
54	Pulmonary fibrosis associated with telomere-related gene mutations: A complex inheritance	Borie R	Respirology. 2021 Dec;26(12):1098-1100.	2021	2021/10/7	34617352
55	Association between elder abuse and telomere shortening in older adults: A 2-year prospective study	Fang B	Int J Geriatr Psychiatry. 2021 Jan;36(1):54-63.	2021	2020/8/5	32748415
56	Association between appendicular skeletal muscle index and leukocyte telomere length in adults: A study from National Health and Nutrition Examination Survey (NHANES) 1999-2002	Chen L	Clin Nutr. 2021 May;40(5):3470-3478.	2021	2020/12/14	33309414
57	Gut microbiome and telomere length in gull hatchlings	Velando A	Biol Lett. 2021 Oct;17(10):20210398.	2021	2021/10/12	34637637
58	Telomere length and epigenetic age acceleration in adolescents with anxiety disorders	Cerveira de Baumont A	Sci Rep. 2021 Apr 8;11(1):7716.	2021	2021/4/9	33833304
59	Novel aspects of age-protection by spermidine supplementation are associated with preserved telomere length	Wirth A	Geroscience. 2021 Apr;43(2):673-690.	2021	2021/1/31	33517527
60	Short telomeres and severe COVID-19: The connection conundrum	Aviv A	EBioMedicine. 2021 Aug;70:103513.	2021	2021/8/1	34333235

61	Telomere Shortening and Psychiatric Disorders: A Systematic Review	Pousa PA	Cells. 2021 Jun 7;10(6):1423.	2021	2021/7/2	34200513
62	Twins, Telomeres, and Aging-in Space!	Luxton JJ	Plast Reconstr Surg. 2021 Jan 1;147(1S-2):7S-14S.	2021	2020/12/21	33347069
63	Decreased leucocyte telomere length in male patients with chronic bipolar disorder: lack of effect of long-term lithium treatment	Ferensztajn-Rochowiak E	Acta Neuropsychiatr. 2021 Dec;33(6):299-306.	2021	2021/8/9	34369336
64	Molecular markers of telomere dysfunction and senescence are common findings in the usual interstitial pneumonia pattern of lung fibrosis	Lee JS	Histopathology. 2021 Jul;79(1):67-76.	2021	2021/1/12	33432658
65	Gastrointestinal Bleeding: Expanding the Shortened Telomere Disorder Phenotype	Michniacki TF	J Pediatr. 2021 Mar;230:12-14.	2021	2020/10/30	33121962
66	Obstructive Sleep Apnea as an Acceleration Trigger of Cellular Senescence Processes through Telomere Shortening	Turkiewicz S	Int J Mol Sci. 2021 Nov 21;22(22):12536.	2021	2021/11/27	34830418
67	Individual telomere dynamics and their links to life history in a viviparous lizard	Fitzpatrick LJ	Proc Biol Sci. 2021 May 26;288(1951):20210271.	2021	2021/5/26	34034513
68	Telomere shortening in late-life depression: A potential marker of depression severity	Mendes-Silva AP	Brain Behav. 2021 Aug;11(8):e2255.	2021	2021/6/21	34152095
69	Why women may live longer than men do? A telomere-length regulated and diet-based entropic assessment	Öngel ME	Clin Nutr. 2021 Mar;40(3):1186-1191.	2021	2020/8/19	32807581
70	Neutrophils: mediating TelOxidation and senescence	Jacome Burbano MS	EMBO J. 2021 May 3;40(9):e108164.	2021	2021/4/21	33880795
71	Are Biological Consequences of Childhood Exposures Detectable in Telomere Length Decades Later?	Kemp BR	J Gerontol A Biol Sci Med Sci. 2021 Jan 1;76(1):7-14.	2021	2020/1/21	31956916
72	Land use mix and leukocyte telomere length in Mexican Americans	Zhao H	Sci Rep. 2021 Oct 5;11(1):19742.	2021	2021/10/6	34611226
73	Association between maternal urinary manganese concentrations and newborn telomere length: Results from a birth cohort study	Bi J	Ecotoxicol Environ Saf. 2021 Apr 15;213:112037.	2021	2021/2/20	33609998
74	Genetic, Environmental and Lifestyle Determinants of Accelerated Telomere Attrition as Contributors to Risk and Severity of Multiple Sclerosis	Hecker M	Biomolecules. 2021 Oct 13;11(10):1510.	2021	2021/10/23	34680143
75	Correlation between metabolic syndrome and relative telomere length shortening in HIV/AIDS patients on combined antiretroviral therapy	Dragović G	Exp Gerontol. 2021 May;147:111269.	2021	2021/2/2	33529748
76	Regulation and Effect of Telomerase and Telomeric Length in Stem Cells	Celtikci B	Curr Stem Cell Res Ther. 2021;16(7):809-823.	2021	2020/4/24	32321410

77	Molecular Aspects of Senescence and Organismal Ageing-DNA Damage Response, Telomeres, Inflammation and Chromatin	Sławińska N	Int J Mol Sci. 2021 Jan 8;22(2):590.	2021	2021/1/13	33435578
78	The effect of maternal vitamin C intake on fetal telomere length	Myers KO	J Matern Fetal Neonatal Med. 2021 Apr;34(7):1143-1148.	2021	2019/6/8	31170852
79	MicroRNA-340-5p increases telomere length by targeting telomere protein POT1 to improve Alzheimer's disease in mice	Li X	Cell Biol Int. 2021 Jun;45(6):1306-1315.	2021	2021/2/24	33624913
80	The SESAME complex regulates cell senescence through the generation of acetyl-CoA	Chen W	Nat Metab. 2021 Jul;3(7):983-1000.	2021	2021/6/29	34183849
81	Hepatic Senescence Accompanies the Development of NAFLD in Non-Aged Mice Independently of Obesity	Moustakas II	Int J Mol Sci. 2021 Mar 26;22(7):3446.	2021	2021/4/3	33810566
82	Oxidative Stress Induces Telomere Dysfunction and Shortening in Human Oocytes of Advanced Age Donors	Kordowitzki P	Cells. 2021 Jul 23;10(8):1866.	2021	2021/8/27	34440635
83	The advancement of telomere quantification methods	Dweck A	Mol Biol Rep. 2021 Jul;48(7):5621-5627.	2021	2021/7/1	34196896
84	Urinary arsenic and relative telomere length in 5-7 year old children in Bangladesh	Farzan SF	Environ Int. 2021 Nov;156:106765.	2021	2021/7/17	34273872
85	Particulate matter causes telomere shortening and increase in cellular senescence markers in human lung epithelial cells	Chang-Chien J	Ecotoxicol Environ Saf. 2021 Oct 1;222:112484.	2021	2021/7/8	34237641
86	Effects of Cellular Senescence on Dental Follicle Cells	Morsczeck C	Pharmacology. 2021;106(3-4):137-142.	2021	2020/9/27	32980839
87	Telomere Length in Idiopathic Recurrent Pregnancy Loss	Onat T	Z Geburtshilfe Neonatol. 2021 Apr;225(2):119-124.	2021	2021/2/2	33530115
88	Telomere Shortening and Fusions: A Link to Aneuploidy in Early Human Embryo Development	Kohlrausch FB	Obstet Gynecol Surv. 2021 Jul;76(7):429-436.	2021	2021/7/29	34324695
89	Telomerase activity can mediate the effects of growth on telomeres during post-natal development in a wild bird	Noguera JC	J Exp Biol. 2021 Jun 15;224(12):jeb242465.	2021	2021/6/18	34142138
90	Optimism and telomere length among African American adults in the Jackson Heart Study	Lee HH	Psychoneuroendocrinology. 2021 Mar;125:105124.	2021	2021/1/12	33434830
91	Short Leukocyte Telomeres, But Not Telomere Attrition Rates, Predict Memory Decline in the 20-Year Longitudinal Betula Study	Pudas S	J Gerontol A Biol Sci Med Sci. 2021 May 22;76(6):955-963.	2021	2020/12/28	33367599
92	Skeletal Aging and Osteoporosis: Mechanisms and Therapeutics	Chandra A	Int J Mol Sci. 2021 Mar 29;22(7):3553.	2021	2021/4/3	33805567

93	Telomere Attrition and Clonal Hematopoiesis of Indeterminate Potential in Cardiovascular Disease	Huang YC	Int J Mol Sci. 2021 Sep 13;22(18):9867.	2021	2021/9/28	34576030
94	Alterations of cellular aging markers in obsessive- compulsive disorder: mitochondrial DNA copy number and telomere length	Kang JI	J Psychiatry Neurosci. 2021 Jul 22;46(4):E451-E458.	2021	2021/7/22	34291629
95	Epigenetic Clocks Are Not Accelerated in COVID-19 Patients	Franzen J	Int J Mol Sci. 2021 Aug 27;22(17):9306.	2021	2021/9/10	34502212
96	Shorter telomere lengths in patients with severe COVID-19 disease	Sanchez-Vazquez R	Aging (Albany NY). 2021 Jan 11;13(1):1-15.	2021	2021/1/11	33428591
97	Telomeres are shorter and associated with number of suicide attempts in affective disorders	Birkenæs V	J Affect Disord. 2021 Dec 1;295:1032-1039.	2021	2021/10/28	34706411
98	Study of Cellular Aging in a Cohort of Patients with Heart Failure	Elena B	High Blood Press Cardiovasc Prev. 2021 Jan;28(1):49-55.	2021	2020/12/14	33315189
99	Association of Premature Immune Aging and Cytomegalovirus After Solid Organ Transplant	Higdon LE	Front Immunol. 2021 May 27;12:661551.	2021	2021/6/14	34122420
100	Calorie restriction delays cardiac senescence and improves cardiac function in obese diabetic rats	Makino N	Mol Cell Biochem. 2021 Jan;476(1):221-229.	2021	2020/9/12	32918706
101	Hematopoiesis under telomere attrition at the single-cell resolution	Thongon N	Nat Commun. 2021 Nov 25;12(1):6850.	2021	2021/11/26	34824242
102	Occurrence, functionality and abundance of the TERT promoter mutations	Rachakonda S	Int J Cancer. 2021 Dec 1;149(11):1852-1862.	2021	2021/7/27	34313327
103	Telomere Length and Preterm Birth in Pregnant Mexican-Origin Women	Page RL	Matern Child Health J. 2021 Nov;25(11):1798-1805.	2021	2021/8/14	34390428
104	The Counterintuitive Relationship between Telomerase Activity and Childhood Emotional Abuse: Culture and Complexity	Emery CR	Int J Environ Res Public Health. 2021 Feb 8;18(4):1619.	2021	2021/2/11	33567728
105	The human telomeric proteome during telomere replication	Lin CG	Nucleic Acids Res. 2021 Dec 2;49(21):12119-12135.	2021	2021/11/8	34747482
106	Pulmonary fibrosis in non-mutation carriers of families with short telomere syndrome gene mutations	van der Vis JJ	Respirology. 2021 Dec;26(12):1160-1170.	2021	2021/9/28	34580961
107	Genetic variants in telomerase-associated protein 1 are associated with telomere damage in PAH-exposed workers	Duan X	Ecotoxicol Environ Saf. 2021 Oct 15;223:112558.	2021	2021/8/1	34333383
108	Exercise training increases telomerase reverse transcriptase gene expression and telomerase activity: A systematic review and meta-analysis	Denham J	Ageing Res Rev. 2021 Sep;70:101411.	2021	2021/7/20	34284150

109	Systematic review and meta-analysis of the association between paediatric obesity and telomere length	Lin L	Acta Paediatr. 2021 Oct;110(10):2695-2703.	2021	2021/6/8	34101251
110	Pathology, Radiology, and Genetics of Interstitial Lung Disease in Patients With Shortened Telomeres	Cecchini MJ	Am J Surg Pathol. 2021 Jul 1;45(7):871-884.	2021	2021/5/3	33935155
111	Chromosomal terminal methylation status is associated with gut microbiotic alterations	Maeda T	Mol Cell Biochem. 2021 Jan;476(1):157-163.	2021	2020/9/5	32888159
112	Association of accelerated dynamics of telomere sequence loss in peripheral blood leukocytes with incident knee osteoarthritis in Osteoarthritis Initiative cohort	Guillén R	Sci Rep. 2021 Aug 5;11(1):15914.	2021	2021/8/6	34354128
113	AKT-dependent signaling of extracellular cues through telomeres impact on tumorigenesis	Sánchez-Vázquez R	PLoS Genet. 2021 Mar 9;17(3):e1009410.	2021	2021/3/10	33690611
114	TAZ maintains telomere length in TNBC cells by mediating Rad51C expression	Yang L	Breast Cancer Res. 2021 Sep 6;23(1):89.	2021	2021/9/7	34488828
115	Role of Telomeres Shortening in Atherogenesis: An Overview	Yegorov YE	Cells. 2021 Feb 15;10(2):395.	2021	2021/3/6	33671887
116	Evaluation of pretreatment telomere length as a prognostic marker in intermediate-risk acute myeloid leukemia	Gu R	Int J Lab Hematol. 2021 Dec;43(6):1510-1515.	2021	2021/7/21	34288423
117	Elevated glucocorticoids during gestation suggest sex-specific effects on offspring telomere lengths in a wild lizard	Ensminger DC	Comp Biochem Physiol A Mol Integr Physiol. 2021 Jul;257:110971.	2021	2021/5/2	33933630
118	Sir4 Deficiency Reverses Cell Senescence by Sub-Telomere Recombination	Liu J	Cells. 2021 Apr 1;10(4):778.	2021	2021/4/30	33915984
119	The spatiotemporal expression of TERT and telomere repeat binding proteins in the postnatal mouse testes	Kosebent EG	Andrologia. 2021 Apr;53(3):e13976.	2021	2021/2/5	33544428
120	Telomere aberrations, including telomere loss, doublets, and extreme shortening, are increased in patients with infertility	M'kacher R	Fertil Steril. 2021 Jan;115(1):164-173.	2021	2020/12/4	33272625
121	R-loops and regulatory changes in chronologically ageing fission yeast cells drive non-random patterns of genome rearrangements	Ellis DA	PLoS Genet. 2021 Aug 31;17(8):e1009784.	2021	2021/8/31	34464389
122	Emerging Molecular Connections between NM23 Proteins, Telomeres and Telomere-Associated Factors: Implications in Cancer Metastasis and Ageing	Sharma S	Int J Mol Sci. 2021 Mar 27;22(7):3457.	2021	2021/4/3	33801585
123	Dynamic DNA Shortening by Telomere-Binding Protein Cdc13	Lin YY	J Am Chem Soc. 2021 Apr 21;143(15):5815-5825.	2021	2021/4/8	33831300
124	Telomeres and replicative cellular aging of the human placenta and chorioamniotic membranes	Lai TP	Sci Rep. 2021 Mar 4;11(1):5115.	2021	2021/3/5	33664422

125	The association between prenatal exposure to thallium and shortened telomere length of newborns	Wu M	Chemosphere. 2021 Feb;265:129025.	2021	2020/12/1	33257049
126	Telomere shortening and expression of TRF1 and TRF2 in uterine leiomyoma	Oh BK	Mol Med Rep. 2021 Aug;24(2):606.	2021	2021/6/29	34184077
127	Association Between Body Weight and Telomere Length Is Predominantly Mediated Through C-Reactive Protein	Gao X	J Clin Endocrinol Metab. 2021 Oct 21;106(11):e4634-e4640.	2021	2021/6/21	34153093
128	A Comprehensive, Multidisciplinary, Personalized, Lifestyle Intervention Program Is Associated with Increased Leukocyte Telomere Length in Children and Adolescents with Overweight and Obesity	Paltoglou G	Nutrients. 2021 Aug 2;13(8):2682.	2021	2021/8/27	34444842
129	Association Between Weight Change and Leukocyte Telomere Length in U.S. Adults	Zhang Y	Front Endocrinol (Lausanne). 2021 Jul 28;12:650988.	2021	2021/8/16	34393992
130	BDE-209 and DBDPE induce male reproductive toxicity through telomere-related cell senescence and apoptosis in SD rat	Li X	Environ Int. 2021 Jan;146:106307.	2021	2021/1/5	33395949
131	Short telomeres drive pessimistic judgement bias in zebrafish	Espigares F	Biol Lett. 2021 Mar;17(3):20200745.	2021	2021/3/17	33726560
132	Evidence for Biological Age Acceleration and Telomere Shortening in COVID-19 Survivors	Mongelli A	Int J Mol Sci. 2021 Jun 7;22(11):6151.	2021	2021/7/2	34200325
133	Telomere damage promotes vascular smooth muscle cell senescence and immune cell recruitment after vessel injury	Uryga AK	Commun Biol. 2021 May 21;4(1):611.	2021	2021/5/22	34021256
134	Senescence research from historical theory to future clinical application	Kameda M	Geriatr Gerontol Int. 2021 Feb;21(2):125-130.	2021	2020/12/29	33372374
135	GDF15 as a biomarker of ageing	Liu H	Exp Gerontol. 2021 Apr;146:111228.	2021	2021/1/9	33421539
136	Senescence-associated β-galactosidase reveals the abundance of senescent CD8+ T cells in aging humans	Martínez-Zamudio RI	Aging Cell. 2021 May;20(5):e13344.	2021	2021/5/3	33939265
137	Telomere length is associated with HIV infection, methamphetamine use, inflammation, and comorbid disease risk	Mehta SR	Drug Alcohol Depend. 2021 Apr 1;221:108639.	2021	2021/2/23	33621803
138	Somatic reversion impacts myelodysplastic syndromes and acute myeloid leukemia evolution in the short telomere disorders	Schratz KE	J Clin Invest. 2021 Sep 15;131(18):e147598.	2021	2021/8/3	34343137
139	Bovine Colostrum, Telomeres, and Skin Aging	Jogi R	J Drugs Dermatol. 2021 May 1;20(5):538-545.	2021	2021/5/3	33938706
140	Telomere length and signal joint T-cell receptor rearrangement excision circles as biomarkers for chronological age estimation	Elmadawy MA	Biomarkers. 2021 Mar;26(2):168-173.	2021	2021/1/6	33401959

141	Deficiency of telomere-associated repressor activator protein 1 precipitates cardiac aging in mice via p53/PPARα signaling	Cai Y	Theranostics. 2021 Mar 4;11(10):4710-4727.	2021	2021/3/23	33754023
142	Potential of Telomerase in Age-Related Macular Degeneration-Involvement of Senescence, DNA Damage Response and Autophagy and a Key Role of PGC-1α	Blasiak J	Int J Mol Sci. 2021 Jul 3;22(13):7194.	2021	2021/7/20	34281248
143	Severe telomere shortening in Fanconi anemia complementation group L	Shah A	Mol Biol Rep. 2021 Jan;48(1):585-593.	2021	2021/1/4	33394227
144	Oncogenic herpesvirus KSHV triggers hallmarks of alternative lengthening of telomeres	Lippert TP	Nat Commun. 2021 Jan 21;12(1):512.	2021	2021/1/22	33479235
145	Distinct Responses of Arabidopsis Telomeres and Transposable Elements to Zebularine Exposure	Konečná K	Int J Mol Sci. 2021 Jan 5;22(1):468.	2021	2021/1/20	33466545
146	The role of telomerase and viruses interaction in cancer development, and telomerase-dependent therapeutic approaches	Salimi-Jeda A	Cancer Treat Res Commun. 2021;27:100323.	2021	2021/2/2	33530025
147	Molecular mechanisms of telomere biology disorders	Grill S	J Biol Chem. 2021 Jan-Jun;296:100064.	2021	2021/1/22	33482595
148	Premature Senescence and Telomere Shortening Induced by Oxidative Stress From Oxalate, Calcium Oxalate Monohydrate, and Urine From Patients With Calcium Oxalate Nephrolithiasis	Chuenwisad K	Front Immunol. 2021 Oct 21;12:696486.	2021	2021/11/8	34745087
149	Imaging assay to probe the role of telomere length shortening on telomere-gene interactions in single cells	Zhang N	Chromosoma. 2021 Mar;130(1):61-73.	2021	2021/2/8	33555479
150	Short and dysfunctional telomeres protect from allergen-induced airway inflammation	Piñeiro-Hermida S	Aging Cell. 2021 May;20(5):e13352.	2021	2021/5/4	33942458
151	Progerin impairs 3D genome organization and induces fragile telomeres by limiting the dNTP pools	Kychygina A	Sci Rep. 2021 Jun 23;11(1):13195.	2021	2021/6/24	34162976
152	Estrogen Replacement Therapy Induces Antioxidant and Longevity-Related Genes in Women after Medically Induced Menopause	Borrás C	Oxid Med Cell Longev. 2021 Sep 9;2021:8101615.	2021	2021/9/20	34539974
153	Cellular senescence promotes endothelial activation through epigenetic alteration, and consequently accelerates atherosclerosis	Honda S	Sci Rep. 2021 Jul 16;11(1):14608.	2021	2021/7/17	34272458
154	XPO7 is a tumor suppressor regulating p21(CIP1)-dependent senescence	Innes AJ	Genes Dev. 2021 Mar 1;35(5-6):379-391.	2021	2021/2/19	33602872
155	Telomere transcription in ageing	Aguado J	Ageing Res Rev. 2020 Sep;62:101115.	2020	2020/6/23	32565330
156	Determinants of telomere length across human tissues	Demanelis K	Science. 2020 Sep 11;369(6509):eaaz6876.	2020	2020/9/11	32913074

157	Oxidative stress, telomeres and cellular senescence: What non-drug interventions might break the link?	Erusalimsky JD	Free Radic Biol Med. 2020 Apr;150:87-95.	2020	2020/2/17	32061901
158	[Longevity clocks: The promoting role of telomeres?]	Cherfils-Vicini J	Med Sci (Paris). 2020 Dec;36(12):1113-1117.	2020	2020/12/9	33296627
159	Impact of circadian disruption on health; SIRT1 and Telomeres	Osum M	DNA Repair (Amst). 2020 Dec;96:102993.	2020	2020/10/10	33038659
160	Importance and Meaning of TERRA Sequences for Aging Mechanisms	Libertini G	Biochemistry (Mosc). 2020 Dec;85(12):1505-1517.	2020	2021/3/11	33705290
161	Genomics of aging: Genes, adducts, and telomeres	Wysocki K	J Am Assoc Nurse Pract. 2020 Jun;32(6):419-422.	2020	2020/6/9	32511191
162	Extra-telomeric impact of telomeres: Emerging molecular connections in pluripotency or stemness	Vinayagamurthy S	J Biol Chem. 2020 Jul 24;295(30):10245-10254.	2020	2020/5/24	32444498
163	Long-lived post-mitotic cell aging: is a telomere clock at play?	Jacome Burbano MS	Mech Ageing Dev. 2020 Jul;189:111256.	2020	2020/5/8	32380018
164	Aerobic capacity and telomere length in human skeletal muscle and leukocytes across the lifespan	Hiam D	Aging (Albany NY). 2020 Jan 3;12(1):359-369.	2020	2020/1/6	31901896
165	The altered expression of telomerase components and telomere-linked proteins may associate with ovarian aging in mouse	Kosebent EG	Exp Gerontol. 2020 Sep;138:110975.	2020	2020/5/29	32464172
166	Impact of Ovarian Aging in Reproduction: From Telomeres and Mice Models to Ovarian Rejuvenation	Polonio AM	Yale J Biol Med. 2020 Sep 30;93(4):561-569. eCollection 2020 Sep	2020	2020/10/2	33005120
167	Development and Longevity: Cellular and Molecular Determinants - A Mini-Review	Marchionni S	Gerontology. 2020;66(3):223-230.	2020	2020/2/10	32036369
168	Telomeres Increasingly Develop Aberrant Structures in Aging Humans	Boccardi V	J Gerontol A Biol Sci Med Sci. 2020 Jan 20;75(2):230-235.	2020	2018/11/3	30388200
169	Mathematical Connection between Short Telomere Induced Senescence Calculation and Mortality Rate Data	Torrance JB	Int J Mol Sci. 2020 Oct 27;21(21):7959.	2020	2020/10/30	33120877
170	Demographic and developmental patterns in telomere length across adolescence	Gaydosh L	Biodemography Soc Biol. 2020 Jul-Sep;66(3-4):208-219.	2020	2021/10/1	34597213
171	The association between stressors and telomeres in non-human vertebrates: a meta-analysis	Chatelain M	Ecol Lett. 2020 Feb;23(2):381-398.	2020	2019/11/28	31773847
172	Telomere length is repeatable, shortens with age and reproductive success, and predicts remaining lifespan in a long-lived seabird	Bichet C	Mol Ecol. 2020 Jan;29(2):429-441.	2020	2019/12/17	31841253

173	Npl3 stabilizes R-loops at telomeres to prevent accelerated replicative senescence	Pérez-Martínez L	EMBO Rep. 2020 Mar 4;21(3):e49087.	2020	2020/2/7	32026548
174	The Relation of Optimism to Relative Telomere Length in Older Men and Women	Kim ES	Psychosom Med. 2020 Feb/Mar;82(2):165-171.	2020	2019/11/6	31688458
175	The effect of long-term ultra-endurance exercise and SOD2 genotype on telomere shortening with age	Hernando B	J Appl Physiol (1985). 2020 Oct 1;129(4):873-879.	2020	2020/9/4	32881625
176	Leukocyte Telomere Length Is Unrelated to Cognitive Performance Among Non-Demented and Demented Persons: An Examination of Long Life Family Study Participants	Ashrafi A	J Int Neuropsychol Soc. 2020 Oct;26(9):906-917.	2020	2020/4/29	32342830
177	Telomere dysfunction cooperates with epigenetic alterations to impair murine embryonic stem cell fate commitment	Criqui M	Elife. 2020 Apr 16;9:e47333.	2020	2020/4/17	32297856
178	The mTOR pathway is necessary for survival of mice with short telomeres	Ferrara-Romeo I	Nat Commun. 2020 Mar 3;11(1):1168.	2020	2020/3/5	32127537
179	Can Childhood Adversity Affect Telomeres of the Next Generation? Possible Mechanisms, Implications, and Next-Generation Research	Epel ES	Am J Psychiatry. 2020 Jan 1;177(1):7-9.	2020	2020/1/2	31892296
180	Ultra-processed food consumption and the risk of short telomeres in an elderly population of the Seguimiento Universidad de Navarra (SUN) Project	Alonso-Pedrero L	Am J Clin Nutr. 2020 Jun 1;111(6):1259-1266.	2020	2020/4/25	32330232
181	On the correlation between telomere shortening rate and life span	Udroiu I	Proc Natl Acad Sci U S A. 2020 Feb 4;117(5):2248-2249.	2020	2020/1/26	31980517
182	Cross-Generational Effects of Parental Age on Offspring Longevity: Are Telomeres an Important Underlying Mechanism?	Heidinger BJ	Bioessays. 2020 Sep;42(9):e1900227.	2020	2020/8/1	32734707
183	Reply to Udroiu: Interesting mathematical analysis of telomere shortening rate and life span	Whittemore K	Proc Natl Acad Sci U S A. 2020 Feb 4;117(5):2250.	2020	2020/1/26	31980516
184	Born to be young? Prenatal thyroid hormones increase early-life telomere length in wild collared flycatchers	Stier A	Biol Lett. 2020 Nov;16(11):20200364.	2020	2020/11/10	33171077
185	Telomere shortening correlates with harsh weather conditions in the bat species Myotis myotis	Seeker LA	Mol Ecol. 2020 Aug;29(16):2951-2953.	2020	2020/8/4	32745307
186	Telomerase and telomeres in aging theory and chronographic aging theory (Review)	Razgonova MP	Mol Med Rep. 2020 Sep;22(3):1679-1694.	2020	2020/7/25	32705188
187	Cardiorespiratory fitness and telomere length: a systematic review	Marques A	J Sports Sci. 2020 Jul;38(14):1690-1697.	2020	2020/4/15	32284029
188	Exceptionally Long-Lived Individuals (ELLI) Demonstrate Slower Aging Rate Calculated by DNA Methylation Clocks as Possible Modulators for Healthy Longevity	Gutman D	Int J Mol Sci. 2020 Jan 17;21(2):615.	2020	2020/1/23	31963520

189	Shelterin Complex at Telomeres: Implications in Ageing	Mir SM	Clin Interv Aging. 2020 Jun 3;15:827-839.	2020	2020/6/26	32581523
190	A systematic review on the effects of social discrimination on telomere length	Coimbra BM	Psychoneuroendocrinology. 2020 Oct;120:104766.	2020	2020/7/1	32603955
191	[Maintenance and expansion of hematopoietic stem cell by POT1]	Arai F	Rinsho Ketsueki. 2020;61(9):1064-1070.	2020	2020/11/9	33162500
192	Telomere attrition with age in a wild amphibian population	Sánchez-Montes G	Biol Lett. 2020 Jul;16(7):20200168.	2020	2020/7/17	32673551
193	Expression of telomerase reverse transcriptase positively correlates with duration of lithium treatment in bipolar disorder	Lundberg M	Psychiatry Res. 2020 Apr;286:112865.	2020	2020/3/2	32114208
194	Mitochondria and aging in older individuals: an analysis of DNA methylation age metrics, leukocyte telomere length, and mitochondrial DNA copy number in the VA normative aging study	Dolcini J	Aging (Albany NY). 2020 Feb 2;12(3):2070-2083.	2020	2020/2/4	32009007
195	Telomere length and human hippocampal neurogenesis	Palmos AB	Neuropsychopharmacology. 2020 Dec;45(13):2239-2247.	2020	2020/9/13	32920596
196	The joint effects of frailty and telomere length for predicting mortality in older adults: the National Health and Nutrition Examination Survey 1999-2002	Liu D	Aging Clin Exp Res. 2020 Sep;32(9):1839-1847.	2020	2019/10/25	31646458
197	Association between telomere length and neighborhood characteristics by race and region in US midlife and older adults	Thierry AD	Health Place. 2020 Mar;62:102272.	2020	2020/6/2	32479352
198	Intrarenal arteriosclerosis and telomere attrition associate with dysregulation of the cholesterol pathway	De Vusser K	Aging (Albany NY). 2020 Apr 30;12(9):7830-7847.	2020	2020/5/1	32353828
199	Pregnancy as a model for aging	Giller A	Ageing Res Rev. 2020 Sep;62:101093.	2020	2020/6/6	32502628
200	Photobiomodulation with 590 nm Wavelength Delays the Telomere Shortening and Replicative Senescence of Human Dermal Fibroblasts In Vitro	Arabadjiev B	Photobiomodul Photomed Laser Surg. 2020 Nov;38(11):656-660.	2020	2020/10/22	33090930
201	Telomere Length and Psychopathology: Specificity and Direction of Effects Within the Bucharest Early Intervention Project	Wade M	J Am Acad Child Adolesc Psychiatry. 2020 Jan;59(1):140-148.e3.	2020	2019/3/8	30844465
202	Telomere length: how the length makes a difference	Lulkiewicz M	Mol Biol Rep. 2020 Sep;47(9):7181-7188.	2020	2020/9/3	32876842
203	Context-Sensitive Cleavage of Folded DNAs by Loop-Targeting bPNAs	Liang Y	Biochemistry. 2020 Jul 7;59(26):2410-2418.	2020	2020/6/11	32519542
204	End Products of Telomere Research	Reddel RR	Cell Stem Cell. 2020 Jun 4;26(6):804-805.	2020	2020/6/6	32502401

205	Increased glucocorticoid concentrations in early life cause mitochondrial inefficiency and short telomeres	Casagrande S	J Exp Biol. 2020 Aug 4;223(Pt 15):jeb222513.	2020	2020/6/14	32532864
206	Noncoding RNAs Controlling Telomere Homeostasis in Senescence and Aging	Rossi M	Trends Mol Med. 2020 Apr;26(4):422-433.	2020	2020/4/12	32277935
207	Objectively measured sleep and telomere length in a population-based cohort of children and midlife adults	Nguyen MT	Sleep. 2020 Jan 13;43(1):zsz200.	2020	2019/11/17	31732749
208	Reduced telomere shortening in lifelong trained male football players compared to age-matched inactive controls	Hagman M	Prog Cardiovasc Dis. 2020 Nov-Dec;63(6):738-749.	2020	2020/6/5	32497584
209	Exploiting the telomere machinery to put the brakes on inflamm-aging	Bonafè M	Ageing Res Rev. 2020 May;59:101027.	2020	2020/2/19	32068123
210	Association of dietary selenium intake with telomere length in middle-aged and older adults	Shu Y	Clin Nutr. 2020 Oct;39(10):3086-3091.	2020	2020/2/15	32057534
211	FBW7 Mediates Senescence and Pulmonary Fibrosis through Telomere Uncapping	Wang L	Cell Metab. 2020 Nov 3;32(5):860-877.e9.	2020	2020/10/21	33086033
212	Association between antinuclear antibody seropositivity and telomere length: a nationwide population-based study	Natalini JG	Clin Exp Rheumatol. 2020 Sep-Oct;38(5):989-992. Epub 2020 Apr 9.	2020	2020/4/18	32301432
213	Telomere length determinants in childhood	Gorenjak V	Clin Chem Lab Med. 2020 Jan 28;58(2):162-177.	2020	2019/8/30	31465289
214	Short Telomeres: Cause and Consequence in Liver Disease	Penrice DD	Semin Liver Dis. 2020 Nov;40(4):385-391.	2020	2020/6/12	32526789
215	Corticosterone mediates telomere length in raptor chicks exposed to chemical mixture	Powolny T	Sci Total Environ. 2020 Mar 1;706:135083.	2020	2019/12/17	31841853
216	Telomerase Biology Associations Offer Keys to Cancer and Aging Therapeutics	Smith-Sonneborn J	Curr Aging Sci. 2020;13(1):11-21.	2020	2019/9/24	31544708
217	Relationship between telomere shortening and age in Korean individuals with mild cognitive impairment and Alzheimer's disease compared to that in healthy controls	Lee EH	Aging (Albany NY). 2020 Dec 15;13(2):2089-2100.	2020	2020/12/16	33323554
218	Effect of antioxidants, mitochondrial cofactors and omega-3 fatty acids on telomere length and kinematic joint mobility in young and old shepherd dogs - A randomized, blinded and placebo-controlled study	Lorke M	Res Vet Sci. 2020 Apr;129:137-153.	2020	2020/1/31	32000015
219	Associations between Serum Sex Hormone Concentrations and Telomere Length among U.S. Adults, 1999-2002	Gu D	J Nutr Health Aging. 2020;24(1):48-54.	2020	2019/12/31	31886808
220	Leukocyte telomere length is reduced in patients with major depressive disorder	Pisanu C	Drug Dev Res. 2020 May;81(3):268-273.	2020	2019/11/2	31675136

221	DNA damage and mitochondria in cancer and aging	Patel J	Carcinogenesis. 2020 Dec 31;41(12):1625-1634.	2020	2020/11/4	33146705
222	Prenatal maternal stress prospectively relates to shorter child buccal cell telomere length	Carroll JE	Psychoneuroendocrinology. 2020 Nov;121:104841.	2020	2020/9/14	32927181
223	Differences in telomere length between patients with bipolar disorder and controls are influenced by lithium treatment	Pisanu C	Pharmacogenomics. 2020 Jun;21(8):533-540.	2020	2020/5/7	32372689
224	Educational mobility and telomere length in middle-aged and older adults: testing three alternative hypotheses	Cuevas AG	Biodemography Soc Biol. 2020 Jul-Sep;66(3-4):220-235.	2020	2021/9/29	34583600
225	Role of Rap1 in DNA damage response: implications in stem cell homeostasis and cancer	Khattar E	Exp Hematol. 2020 Oct;90:12-17.	2020	2020/8/29	32858091
226	Religiosity, depression and telomere length in Chinese older adults	Wang L	J Affect Disord. 2020 Jan 1;260:624-628.	2020	2019/9/22	31541974
227	Potential roles of telomeres and telomerase in neurodegenerative diseases	Wang J	Int J Biol Macromol. 2020 Nov 15;163:1060-1078.	2020	2020/7/17	32673712
228	Association of greenspace exposure with telomere length in preschool children	Miri M	Environ Pollut. 2020 Nov;266(Pt 1):115228.	2020	2020/8/9	32763773
229	Is the Leukocyte Telomere Length Associated with Decreased Physical Functional Capacity in the Elderly?	Pereira FSM	Rejuvenation Res. 2020 Oct;23(5):387-393.	2020	2020/1/30	31992162
230	Dichotomy between the transcriptomic landscape of naturally versus accelerated aged murine hearts	De Majo F	Sci Rep. 2020 May 18;10(1):8136.	2020	2020/5/20	32424227
231	No effect of the endurance training status on senescence despite reduced inflammation in skeletal muscle of older individuals	Balan E	Am J Physiol Endocrinol Metab. 2020 Aug 1;319(2):E447-E454.	2020	2020/7/22	32691630
232	Telomere Time-Why We Should Treat Biological Age Cautiously	Notterman DA	JAMA Netw Open. 2020 May 1;3(5):e204352.	2020	2020/5/5	32364591
233	[A review and update of the potential impact of early life adversity on telomere length]	Chen XX	Zhonghua Yu Fang Yi Xue Za Zhi. 2020 May 6;54(5):581-585.	2020	2020/5/12	32388964
234	Stress-related changes in leukocyte profiles and telomere shortening in the shortest-lived tetrapod, Furcifer labordi	Eckhardt F	BMC Evol Biol. 2020 Dec 1;20(1):160.	2020	2020/12/2	33261558
235	Telomere regulation: lessons learnt from mice and men, potential opportunities in horses	Denham J	Anim Genet. 2020 Feb;51(1):3-13.	2020	2019/10/23	31637754
236	Epigenetics and genome stability	Feng JX	Mamm Genome. 2020 Jun;31(5-6):181-195.	2020	2020/4/17	32296924

237	Mediterranean Diet and Telomere Length: A Systematic Review and Meta-Analysis	Canudas S	Adv Nutr. 2020 Nov 16;11(6):1544-1554.	2020	2020/7/31	32730558
238	Impact of Nutrition on Telomere Health: Systematic Review of Observational Cohort Studies and Randomized Clinical Trials	Galiè S	Adv Nutr. 2020 May 1;11(3):576-601.	2020	2019/11/6	31688893
239	Stationary Distribution of Telomere Lengths in Cells with Telomere Length Maintenance and its Parametric Inference	Lee KH	Bull Math Biol. 2020 Nov 20;82(12):150.	2020	2020/11/20	33216232
240	Human RAP1 specifically protects telomeres of senescent cells from DNA damage	Lototska L	EMBO Rep. 2020 Apr 3;21(4):e49076.	2020	2020/2/26	32096305
241	Sex-specific telomere length and dynamics in relation to age and reproductive success in Cory's shearwaters	Bauch C	Mol Ecol. 2020 Apr;29(7):1344-1357.	2020	2020/3/7	32141666
242	Patterns of change in telomere length over the first three years of life in healthy children	Bosquet Enlow M	Psychoneuroendocrinology. 2020 May;115:104602.	2020	2020/3/3	32120019
243	Chronic psychosocial and financial burden accelerates 5-year telomere shortening: findings from the Coronary Artery Risk Development in Young Adults Study	Cabeza de Baca T	Mol Psychiatry. 2020 May;25(5):1141-1153.	2020	2019/8/29	31455861
244	Telomeres come to life thanks to an exciting review article in this issue	Wilson SH	DNA Repair (Amst). 2020 Oct;94:102904.	2020	2020/7/26	32709557
245	Physical activity, a modulator of aging through effects on telomere biology	Semeraro MD	Aging (Albany NY). 2020 Jun 23;12(13):13803-13823.	2020	2020/6/24	32575077
246	Proliferation of adult human bronchial epithelial cells without a telomere maintenance mechanism for over 200 population doublings	Peters-Hall JR	FASEB J. 2020 Jan;34(1):386-398.	2020	2020/1/10	31914653
247	Chronic water restriction triggers sex-specific oxidative stress and telomere shortening in lizards	Dupoué A	Biol Lett. 2020 Feb;16(2):20190889.	2020	2020/2/26	32097601
248	Bibliometric Analysis of Research on Telomere Length in Children: A Review of Scientific Literature	Valera-Gran D	Int J Environ Res Public Health. 2020 Jun 26;17(12):4593.	2020	2020/7/2	32604805
249	Association between socioeconomic markers and adult telomere length differs according to sex: Pro-Saúde study	Normando P	Braz J Med Biol Res. 2020 Oct 7;53(11):e10223.	2020	2020/10/14	33053112
250	TINF2 is a haploinsufficient tumor suppressor that limits telomere length	Schmutz I	Elife. 2020 Dec 1;9:e61235.	2020	2020/12/1	33258446
251	Seasonal variation in telomere dynamics in African striped mice	Criscuolo F	Oecologia. 2020 Dec;194(4):609-620.	2020	2020/11/17	33201323
252	Periconceptional environment predicts leukocyte telomere length in a cross-sectional study of 7-9 year old rural Gambian children	Maasen K	Sci Rep. 2020 Jun 15;10(1):9675.	2020	2020/6/17	32541825

253	Major depressive disorder and accelerated aging from a peripheral IGF-1 overexpression perspective	Levada OA	Med Hypotheses. 2020 May;138:109610.	2020	2020/2/12	32044543
254	Contrasting seasonal patterns of telomere dynamics in response to environmental conditions in the ectothermic sand lizard, Lacerta agilis	Axelsson J	Sci Rep. 2020 Jan 13;10(1):182.	2020	2020/1/15	31932620
255	Analysis of lens epithelium telomere length in age-related cataract	Wang Y	Exp Eye Res. 2020 Dec;201:108279.	2020	2020/9/29	32991882
256	The anti-aging effects of lithium in lymphoblastoid cell lines from patients with bipolar disorder and controls	Fries GR	J Psychiatr Res. 2020 Sep;128:38-42.	2020	2020/6/10	32516629
257	MiR-185 targets POT1 to induce telomere dysfunction and cellular senescence	Li T	Aging (Albany NY). 2020 Jul 18;12(14):14791-14807.	2020	2020/7/21	32687062
258	Telomeres and Telomerase in Heart Ontogenesis, Aging and Regeneration	Nalobin D	Cells. 2020 Feb 22;9(2):503.	2020	2020/2/27	32098394
259	Intergenerational transmission of childhood trauma? Testing cellular aging in mothers exposed to sexual abuse and their children	Etzel L	Psychoneuroendocrinology. 2020 Oct;120:104781.	2020	2020/7/7	32629221
260	Can telomere length predict bone health? A review of current evidence	Wong SK	Bosn J Basic Med Sci. 2020 Nov 2;20(4):423-429.	2020	2020/3/12	32156247
261	Association of sleep quality with telomere length, a marker of cellular aging: A retrospective cohort study of older adults in the United States	Iloabuchi C	Sleep Health. 2020 Aug;6(4):513-521.	2020	2020/4/2	32229187
262	[Telomere biology and metabolic disorders: the role of insulin resistance and type 2 diabetes]	Dudinskaya EN	Probl Endokrinol (Mosk). 2020 Aug 30;66(4):35-44.	2020	2020/12/22	33351357
263	Telomeres: beacons of autocrine and paracrine DNA damage during skin aging	Victorelli S	Cell Cycle. 2020 Mar;19(5):532-540.	2020	2020/2/18	32065062
264	The role of telomeres and telomerase in the senescence of postmitotic cells	Pańczyszyn A	DNA Repair (Amst). 2020 Nov;95:102956.	2020	2020/9/16	32937289
265	Stabilization of telomere by the antioxidant property of polyphenols: Anti-aging potential	Maleki M	Life Sci. 2020 Oct 15;259:118341.	2020	2020/8/28	32853653
266	Prolonged Glucocorticoid Exposure Does Not Accelerate Telomere Shortening in Cultured Human Fibroblasts	Zannas AS	Genes (Basel). 2020 Nov 27;11(12):1425.	2020	2020/12/2	33261163
267	Negative Association between Caloric Intake and Estimated Glomerular Filtration Rate in a Chinese Population: Mediation Models Involving Mitochondrial Function	Ma C	Gerontology. 2020;66(5):439-446.	2020	2020/7/15	32663832
268	Leukocyte Telomere Length Independently Predicts 3-Year Diabetes Risk in a Longitudinal Study of Chinese Population	Liu Y	Oxid Med Cell Longev. 2020 Mar 9;2020:9256107.	2020	2020/3/28	32215181

269	Hematopoietic cellular aging is not accelerated during the first 2 years of life in children born preterm	Henckel E	Pediatr Res. 2020 Dec;88(6):903-909.	2020	2020/3/15	32170191
270	Pace and stability of embryonic development affect telomere dynamics: an experimental study in a precocial bird model	Stier A	Proc Biol Sci. 2020 Aug 26;287(1933):20201378.	2020	2020/8/27	32842933
271	Dysfunctional telomeres trigger cellular senescence mediated by cyclic GMP-AMP synthase	Abdisalaam S	J Biol Chem. 2020 Aug 7;295(32):11144-11160.	2020	2020/6/17	32540968
272	[CLINICAL CASE: THE SIDE EFFECTS OF STATINS]	Kukes V	Georgian Med News. 2020 Feb;(299):75-78.	2020	2020/4/4	32242849
273	Telomere erosion as a placental clock: From placental pathologies to adverse pregnancy outcomes	Kohlrausch FB	Placenta. 2020 Aug;97:101-107.	2020	2020/8/15	32792055
274	Testing three hypotheses about effects of sensitive-insensitive parenting on telomeres	Beijers R	Dev Psychol. 2020 Feb;56(2):237-250.	2020	2020/1/22	31961192
275	Correlation Between Telomere Attrition of Zona Fasciculata and Adrenal Weight Reduction in Older Men	Nonaka K	J Clin Endocrinol Metab. 2020 Mar 1;105(3):dgz214.	2020	2019/11/21	31745564
276	[Age Dynamics of Telomere Length in Endemic Baikal Planarians]	Koroleva AG	Mol Biol (Mosk). 2020 Jul-Aug;54(4):616-625.	2020	2020/8/18	32799224
277	Longitudinal changes in telomere length in a cohort of obese patients submitted to bariatric surgery: a 2-year follow-up	Peña E	Surg Obes Relat Dis. 2020 Nov;16(11):1794-1801.	2020	2020/8/4	32741725
278	Effect of Aging and 5-Fluorouracil Treatment on Bone Marrow Stem Cell Dynamics	Ganguly R	Stem Cell Rev Rep. 2020 Oct;16(5):909-921.	2020	2020/7/1	32601899
279	Protective role of selenium in the shortening of telomere length in newborns induced by in utero heavy metal exposure	Wai KM	Environ Res. 2020 Apr;183:109202.	2020	2020/2/12	32045728
280	Mathematical modelling of telomere length dynamics	Wattis JAD	J Math Biol. 2020 Mar;80(4):1039-1076.	2020	2019/11/16	31728621
281	Mitochondrial function in skeletal myofibers is controlled by a TRF2-SIRT3 axis over lifetime	Robin JD	Aging Cell. 2020 Mar;19(3):e13097.	2020	2020/1/29	31991048
282	Drivers of longitudinal telomere dynamics in a long-lived bat species, Myotis myotis	Foley NM	Mol Ecol. 2020 Aug;29(16):2963-2977.	2020	2020/2/28	32105386
283	Physical Activity and Telomeres in Old Age: A Longitudinal 10-Year Follow-Up Study	Jantunen H	Gerontology. 2020;66(4):315-322.	2020	2020/2/24	32088715
284	Analysis of two mechanisms of telomere maintenance based on the theory of g-Networks and stochastic automata networks	Lee KH	BMC Genomics. 2020 Sep 9;21(Suppl 9):587.	2020	2020/9/9	32900359

285	[A concise review of telomere and telomerase-related genetic markers in fibrotic lung diseases]	Fan YL	Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi. 2020 Dec 20;38(12):952-956.	2020	2021/1/6	33406566
286	Prenatal second-hand smoke exposure and newborn telomere length	Liu B	Pediatr Res. 2020 May;87(6):1081-1085.	2020	2019/10/3	31578036
287	Serum level of PCBs and OCPs and leukocyte telomere length among adults in Tehran, Iran	Karimi B	Chemosphere. 2020 Jun;248:126092.	2020	2020/2/12	32041072
288	Association of Parental Socioeconomic Status and Newborn Telomere Length	Martens DS	JAMA Netw Open. 2020 May 1;3(5):e204057.	2020	2020/5/5	32364595
289	The biological age of the heart is consistently younger than chronological age	Pavanello S	Sci Rep. 2020 Jul 1;10(1):10752.	2020	2020/7/3	32612244
290	Insertions of mitochondrial DNA into the nucleus-effects and role in cell evolution	Puertas MJ	Genome. 2020 Aug;63(8):365-374.	2020	2020/5/13	32396758
291	Inhibition of the alternative lengthening of telomeres pathway by subtelomeric sequences in Saccharomyces cerevisiae	Grandin N	DNA Repair (Amst). 2020 Dec;96:102996.	2020	2020/10/30	33126043
292	Molecular Mechanism of Telomere Length Dynamics and Its Prognostic Value in Pediatric Cancers	Wang Z	J Natl Cancer Inst. 2020 Jul 1;112(7):756-764.	2020	2019/10/25	31647544
293	Diagnostic performance of peripheral leukocyte telomere G-tail length for detecting breast cancer	Koi Y	Cancer Sci. 2020 May;111(5):1856-1861.	2020	2020/4/7	32249523
294	Connecting cognition, cardiology, and chromosomes: Cognitive reappraisal impacts the relationship between heart rate variability and telomere length in CD8(+)CD28(-) cells	Shahane AD	Psychoneuroendocrinology. 2020 Feb;112:104517.	2020	2019/12/1	31785500
295	"Mitotic Slippage" and Extranuclear DNA in Cancer Chemoresistance: A Focus on Telomeres	Salmina K	Int J Mol Sci. 2020 Apr 16;21(8):2779.	2020	2020/4/23	32316332
296	Persistent telomere cohesion protects aged cells from premature senescence	Azarm K	Nat Commun. 2020 Jul 3;11(1):3321.	2020	2020/7/5	32620872
297	A multidisciplinary approach to mental illness: do inflammation, telomere length and microbiota form a loop? A protocol for a cross-sectional study on the complex relationship between inflammation, telomere length, gut microbiota and psychiatric disorders	Manchia M	BMJ Open. 2020 Jan 26;10(1):e032513.	2020	2020/1/29	31988227
298	Simultaneous visualisation of the complete sets of telomeres from the MmeI generated terminal restriction fragments in yeasts	Liu J	Yeast. 2020 Nov;37(11):585-595.	2020	2020/8/11	32776370
299	The relationship between leukocyte telomere length and TERT, TRF1 single nucleotide polymorphisms in healthy people of different age groups	Gedvilaite G	Biogerontology. 2020 Feb;21(1):57-67.	2020	2019/10/25	31646401
300	Short telomeres increase the risk of severe COVID-19	Froidure A	Aging (Albany NY). 2020 Oct 26;12(20):19911-19922.	2020	2020/10/26	33104521

301	Modifiable mediators associated with the relationship between adiposity and leukocyte telomere length in US adults: The National Health and Nutrition Examination Survey	Davis SK	Prev Med. 2020 Sep;138:106133.	2020	2020/5/23	32439486
302	The Relationship between Telomere Length and Cancer Mortality: Data from the 1999-2002 National Healthy and Nutrition Examination Survey (NHANES)	Shen G	J Nutr Health Aging. 2020;24(1):9-15.	2020	2019/12/31	31886802
303	Telomerase treatment prevents lung profibrotic pathologies associated with physiological aging	Piñeiro-Hermida S	J Cell Biol. 2020 Oct 5;219(10):e202002120.	2020	2020/8/11	32777016
304	Updated Understanding of Cancer as a Metabolic and Telomere-Driven Disease, and Proposal for Complex Personalized Treatment, a Hypothesis	Muresanu C	Int J Mol Sci. 2020 Sep 7;21(18):6521.	2020	2020/9/10	32906638
305	Crossroads of telomere biology and anticancer drug discovery	Seimiya H	Cancer Sci. 2020 Sep;111(9):3089-3099.	2020	2020/6/25	32579791
306	Germline mutation of MDM4, a major p53 regulator, in a familial syndrome of defective telomere maintenance	Toufektchan E	Sci Adv. 2020 Apr 10;6(15):eaay3511.	2020	2020/4/18	32300648
307	Nuclear envelope attachment of telomeres limits TERRA and telomeric rearrangements in quiescent fission yeast cells	Maestroni L	Nucleic Acids Res. 2020 Apr 6;48(6):3029-3041.	2020	2020/1/26	31980821
308	Telomere length and mtDNA copy number in human cystathionine β-synthase deficiency	Utyro O	Free Radic Biol Med. 2020 Nov 20;160:219-226.	2020	2020/8/10	32768567
309	Heritability of telomere length across three generations of Korean families	Kim JH	Pediatr Res. 2020 May;87(6):1060-1065.	2020	2019/11/30	31783399
310	Effects of telomere length on leukemogenesis	Ma S	Sci China Life Sci. 2020 Feb;63(2):308-311.	2020	2019/7/11	31290100
311	The link between attachment orientations and cellular aging among former prisoners of war	Ein-Dor T	Attach Hum Dev. 2020 Jun;22(3):352-366.	2020	2019/3/27	30909807
312	Association between diet quality indexes and the risk of short telomeres in an elderly population of the SUN project	Ojeda-Rodríguez A	Clin Nutr. 2020 Aug;39(8):2487-2494.	2020	2019/11/27	31767135
313	Chromosomal damage and telomere length in peripheral blood lymphocytes of cancer patients	Vodenkova S	Oncol Rep. 2020 Nov;44(5):2219-2230.	2020	2020/10/1	33000239
314	Relative telomere length and mitochondrial DNA copy number variation with age: Association with plasma folate and vitamin B12	Praveen G	Mitochondrion. 2020 Mar;51:79-87.	2020	2020/1/15	31935457
315	Biological senescence risk score. A practical tool to predict biological senescence status	Ortiz-Morales AM	Eur J Clin Invest. 2020 Nov;50(11):e13305.	2020	2020/6/8	32506428
316	The effects of everyday-life exposure to polycyclic aromatic hydrocarbons on biological age indicators	Pavanello S	Environ Health. 2020 Dec 3;19(1):128.	2020	2020/12/4	33272294

317	High-fat diet induced obesity and age influence the telomere shelterin complex and telomerase gene expression in mouse adipose tissue	Bloom SI	Physiol Rep. 2020 Jun;8(11):e14461.	2020	2020/6/9	32512652
318	Effect of exercise on telomere length and telomere proteins expression in mdx mice	Vita GL	Mol Cell Biochem. 2020 Jul;470(1-2):189-197.	2020	2020/5/25	32447718
319	The metabolic syndrome in pregnancy and its association with child telomere length	McAninch D	Diabetologia. 2020 Oct;63(10):2140-2149.	2020	2020/7/31	32728890
320	Effects of low temperature on longevity and lipid metabolism in the marine rotifer Brachionus koreanus	Lee MC	Comp Biochem Physiol A Mol Integr Physiol. 2020 Dec;250:110803.	2020	2020/9/8	32898657
321	The association between mitochondrial DNA copy number, telomere length, and tubal pregnancy	Huang Z	Placenta. 2020 Aug;97:108-114.	2020	2020/8/15	32792056
322	In utero exposure to endocrine-disrupting chemicals and telomere length at birth	Michels KB	Environ Res. 2020 Mar;182:109053.	2020	2020/1/11	31923847
323	Uraemia-induced immune senescence and clinical outcomes in chronic kidney disease patients	Crépin T	Nephrol Dial Transplant. 2020 Apr 1;35(4):624-632.	2020	2018/9/12	30202981
324	The association of maternal psychosocial stress with newborn telomere length	Izano MA	PLoS One. 2020 Dec 10;15(12):e0242064.	2020	2020/12/10	33301453
325	Long-term exposure to "low-dose" bisphenol A decreases mitochondrial DNA copy number, and accelerates telomere shortening in human CD8 + T cells	Tran HTT	Sci Rep. 2020 Sep 25;10(1):15786.	2020	2020/9/26	32978426
326	TERC Variants Associated with Short Leukocyte Telomeres: Implication of Higher Early Life Leukocyte Telomere Attrition as Assessed by the Blood-and-Muscle Model	Toupance S	Cells. 2020 May 31;9(6):1360.	2020	2020/6/4	32486379
327	Shortened Relative Leukocyte Telomere Length Is Associated With Prevalent and Incident Cardiovascular Complications in Type 2 Diabetes: Analysis From the Hong Kong Diabetes Register	Cheng F	Diabetes Care. 2020 Sep;43(9):2257-2265.	2020	2020/7/15	32661111
328	Replicative senescence and arteriosclerosis after kidney transplantation	De Vusser K	Nephrol Dial Transplant. 2020 Nov 1;35(11):1984-1995.	2020	2020/10/17	33067610
329	Impaired reproductive function and fertility preservation in a woman with a dyskeratosis congenita	Robinson LG Jr	J Assist Reprod Genet. 2020 May;37(5):1221-1225.	2020	2020/5/15	32405899
330	Acute depletion of telomerase components DKC1 and NOP10 induces oxidative stress and disrupts ribosomal biogenesis via NPM1 and activation of the P53 pathway	Ibáñez-Cabellos JS	Biochim Biophys Acta Mol Cell Res. 2020 Dec;1867(12):118845.	2020	2020/9/10	32910990
331	Telomere lengths in women treated for breast cancer show associations with chemotherapy, pain symptoms, and cognitive domain measures: a longitudinal study	Alhareeri AA	Breast Cancer Res. 2020 Dec 4;22(1):137.	2020	2020/12/5	33276807
332	Expression of Telomeric Repeat-Containing RNA Decreases in Sarcopenia and Increases after Exercise and Nutrition Intervention	Chang KV	Nutrients. 2020 Dec 8;12(12):3766.	2020	2020/12/11	33302352

333	Granulins Regulate Aging Kinetics in the Adult Zebrafish Telencephalon	Zambusi A	Cells. 2020 Feb 3;9(2):350.	2020	2020/2/8	32028681
334	Shortening of the leucocytes' telomeres length in T2DM independent of age and telomerase activity	AlDehaini DMB	Acta Diabetol. 2020 Nov;57(11):1287-1295.	2020	2020/6/6	32500358
335	Airway Epithelial Telomere Dysfunction Drives Remodeling Similar to Chronic Lung Allograft Dysfunction	Naikawadi RP	Am J Respir Cell Mol Biol. 2020 Oct;63(4):490-501.	2020	2020/6/20	32551854
336	The nuclear pore complex prevents sister chromatid recombination during replicative senescence	Aguilera P	Nat Commun. 2020 Jan 9;11(1):160.	2020	2020/1/11	31919430
337	Risk factors associated with the detection of pulmonary emphysema in older asymptomatic respiratory subjects	Buendia-Roldan I	BMC Pulm Med. 2020 Jun 9;20(1):164.	2020	2020/6/11	32517728
338	Personal exposure to NO(2) and benzene in the Cape Town region of South Africa is associated with shorter leukocyte telomere length in women	Everson F	Environ Res. 2020 Mar;182:108993.	2020	2019/12/13	31830692
339	Telomere shortening produces an inflammatory environment that increases tumor incidence in zebrafish	Lex K	Proc Natl Acad Sci U S A. 2020 Jun 30;117(26):15066-15074.	2020	2020/6/20	32554492
340	Intervertebral disc and endplate cell characterisation highlights annulus fibrosus cells as the most promising for tissue-specific disc degeneration therapy	De Luca P	Eur Cell Mater. 2020 Mar 3;39:156-170.	2020	2020/3/4	32125689
341	Cancer spectrum and outcomes in the Mendelian short telomere syndromes	Schratz KE	Blood. 2020 May 28;135(22):1946-1956.	2020	2020/2/21	32076714
342	From organ to cell: Multi-level telomere length assessment in patients with idiopathic pulmonary fibrosis	van Batenburg AA	PLoS One. 2020 Jan 7;15(1):e0226785.	2020	2020/1/8	31910222
343	Large Cell Change in a Small Liver: A Histological Clue to Short Telomere Syndromes?	Johnson SM	Hepatology. 2020 Dec;72(6):2231-2234.	2020	2020/4/16	32294263
344	Endothelial progeria induces adipose tissue senescence and impairs insulin sensitivity through senescence associated secretory phenotype	Barinda AJ	Nat Commun. 2020 Jan 24;11(1):481.	2020	2020/1/26	31980643
345	Opposing p53 and mTOR/AKT promote an in vivo switch from apoptosis to senescence upon telomere shortening in zebrafish	El Maï M	Elife. 2020 May 19;9:e54935.	2020	2020/5/20	32427102
346	Leukocyte telomere length is associated with iron overload in male adults with hereditary hemochromatosis	Martín M	Biosci Rep. 2020 Oct 30;40(10):BSR20201916.	2020	2020/10/7	33026063
347	Immortalized normal human lung epithelial cell models for studying lung cancer biology	Sato M	Respir Investig. 2020 Sep;58(5):344-354.	2020	2020/6/27	32586780
348	Telomere and ATM Dynamics in CD4 T-Cell Depletion in Active and Virus-Suppressed HIV Infections	Khanal S	J Virol. 2020 Oct 27;94(22):e01061-20.	2020	2020/9/10	32907975

349	TNFα Mediates the Interaction of Telomeres and Mitochondria Induced by Hyperglycemia: A Rural Community-Based Cross-Sectional Study	Lyu L	Oxid Med Cell Longev. 2020 May 4;2020:8235873.	2020	2020/5/27	32454945
350	Observational and genetic studies of short telomeres and Alzheimer's disease in 67,000 and 152,000 individuals: a Mendelian randomization study	Scheller Madrid A	Eur J Epidemiol. 2020 Feb;35(2):147-156.	2020	2019/9/30	31564046
351	Pan-cancer analysis of whole genomes	ICGC/TCGA Pan-Cancer Analysis of	Nature. 2020 Feb;578(7793):82-93.	2020	2020/2/7	32025007
352	Shortened telomere length in peripheral blood leukocytes of patients with lung cancer, chronic obstructive pulmonary disease in a high indoor air pollution region in China	Xue Y	Mutat Res Genet Toxicol Environ Mutagen. 2020 Oct-Dec;858-860:503250	2020	2020/11/17	33198931
353	Comparison of flow-FISH and MM-qPCR telomere length assessment techniques for the screening of telomeropathies	Ferreira MSV	Ann N Y Acad Sci. 2020 Apr;1466(1):93-103.	2020	2019/10/25	31647584
354	Role of Senescence and Neuroprotective Effects of Telomerase in Neurodegenerative Diseases	Ding X	Rejuvenation Res. 2020 Apr;23(2):150-158.	2020	2019/6/8	31170886
355	Telomere maintenance in interplay with DNA repair in pathogenesis and treatment of colorectal cancer	Tomasova K	Mutagenesis. 2020 Jul 11;35(3):261-271.	2020	2020/2/22	32083302
356	Melanoma Genomics	Newton-Bishop J	Acta Derm Venereol. 2020 Jun 3;100(11):adv00138.	2020	2020/4/30	32346746
357	Telomere length, epidemiology and pathogenesis of severe COVID-19	Tsilingiris D	Eur J Clin Invest. 2020 Oct;50(10):e13376.	2020	2020/9/4	32880939
358	Aging in Fabry Disease: Role of Telomere Length, Telomerase Activity, and Kidney Disease	Cokan Vujkovac A	Nephron. 2020;144(1):5-13.	2020	2019/9/12	31509825
359	Telomeres and COVID-19	Aviv A	FASEB J. 2020 Jun;34(6):7247-7252.	2020	2020/5/20	32427393
360	Loss of Dystroglycan Drives Cellular Senescence via Defective Mitosis-Mediated Genomic Instability	Jimenez-Gutierrez GE	Int J Mol Sci. 2020 Jul 14;21(14):4961.	2020	2020/7/18	32674290
361	Mendelian randomization implies no direct causal association between leukocyte telomere length and amyotrophic lateral sclerosis	Gao Y	Sci Rep. 2020 Jul 22;10(1):12184.	2020	2020/7/24	32699404
362	Phenotypic Diversity Caused by Differential Expression of SFTPC-Cre-Transgenic Alleles	Jiang M	Am J Respir Cell Mol Biol. 2020 Jun;62(6):692-698.	2020	2020/3/26	32208105
363	Re-equilibration of imbalanced NAD metabolism ameliorates the impact of telomere dysfunction	Sun C	EMBO J. 2020 Nov 2;39(21):e103420.	2020	2020/9/16	32935380
364	S-Phase Kinase-associated Protein-2 Rejuvenates Senescent Endothelial Progenitor Cells and Induces Angiogenesis in Vivo	Wang HH	Sci Rep. 2020 Apr 20;10(1):6646.	2020	2020/4/22	32313103

365	Telomere Biology and Human Phenotype	Turner KJ	Cells. 2019 Jan 19;8(1):73.	2019	2019/1/24	30669451
366	Telomere and its role in the aging pathways: telomere shortening, cell senescence and mitochondria dysfunction	Zhu Y	Biogerontology. 2019 Feb;20(1):1-16.	2019	2018/9/20	30229407
367	Roles of Telomere Biology in Cell Senescence, Replicative and Chronological Ageing	Liu J	Cells. 2019 Jan 15;8(1):54.	2019	2019/1/18	30650660
368	Autophagy and senescence: A new insight in selected human diseases	Rajendran P	J Cell Physiol. 2019 Dec;234(12):21485-21492.	2019	2019/5/31	31144309
369	The role of senescence, telomere dysfunction and shelterin in vascular aging	Liu Y	Microcirculation. 2019 Feb;26(2):e12487.	2019	2018/6/21	29924435
370	Human microbiota in aging and infection: A review	Stavropoulou E	Crit Rev Food Sci Nutr. 2019;59(4):537-545.	2019	2017/9/15	28910544
371	Bring It to an End: Does Telomeres Size Matter?	Laberthonnière C	Cells. 2019 Jan 8;8(1):30.	2019	2019/1/11	30626097
372	New Insights into Lymphocyte Differentiation and Aging from Telomere Length and Telomerase Activity Measurements	Fali T	J Immunol. 2019 Apr 1;202(7):1962-1969.	2019	2019/2/10	30737273
373	Telomere Gene Therapy: Polarizing Therapeutic Goals for Treatment of Various Diseases	Hong J	Cells. 2019 Apr 28;8(5):392.	2019	2019/5/1	31035374
374	Telomere Dynamics Throughout Spermatogenesis	Fice HE	Genes (Basel). 2019 Jul 12;10(7):525.	2019	2019/7/25	31336906
375	Telomeres and Longevity: A Cause or an Effect?	Adwan Shekhidem H	Int J Mol Sci. 2019 Jul 1;20(13):3233.	2019	2019/7/4	31266154
376	Does Salivary Telomere Length Explain Race/Ethnic Differences in Aging?	Brown L	Biodemography Soc Biol. 2019 Oct-Dec;65(4):351-369.	2019	2020/12/18	33335644
377	Telomeres, Trauma, and Training	Walker AE	Biol Psychiatry. 2019 Nov 1;86(9):e29-e30.	2019	2019/10/12	31601364
378	Effect of alcohol use disorder on cellular aging	Martins de Carvalho L	Psychopharmacology (Berl). 2019 Nov;236(11):3245-3255.	2019	2019/6/5	31161452
379	[Aging and interrelation of telomeres with transposable elements.]	Mustafin RN	Adv Gerontol. 2019;32(5):693-701.	2019	2020/3/8	32145158
380	Decline in telomere length by age and effect modification by gender, allostatic load and comorbidities in National Health and Nutrition Examination Survey (1999-2002)	Ghimire S	PLoS One. 2019 Aug 30;14(8):e0221690.	2019	2019/8/31	31469870

381	Telomere length and physical performance among older people-The Helsinki Birth Cohort Study	Åström MJ	Mech Ageing Dev. 2019 Oct;183:111145.	2019	2019/9/7	31491428
382	Telomere Length Is Associated with Disability Progression in Multiple Sclerosis	Krysko KM	Ann Neurol. 2019 Nov;86(5):671-682.	2019	2019/9/6	31486104
383	The relation of telomere length at midlife to subsequent 20-year depression trajectories among women	Gillis JC	Depress Anxiety. 2019 Jun;36(6):565-575.	2019	2019/4/9	30958913
384	Obesity is associated with shorter telomeres in 8 year-old children	Clemente DBP	Sci Rep. 2019 Dec 10;9(1):18739.	2019	2019/12/12	31822763
385	Inflammation and Vascular Ageing: From Telomeres to Novel Emerging Mechanisms	Chiriacò M	High Blood Press Cardiovasc Prev. 2019 Aug;26(4):321-329.	2019	2019/7/21	31325087
386	Loving-kindness meditation slows biological aging in novices: Evidence from a 12-week randomized controlled trial	Le Nguyen KD	Psychoneuroendocrinology. 2019 Oct;108:20-27.	2019	2019/6/12	31185369
387	Association between telomere length and cognitive ability in a community-based sample	Kaja R	Neurobiol Aging. 2019 Mar;75:51-53.	2019	2018/12/14	30544048
388	Association of Short-term Change in Leukocyte Telomere Length With Cortical Thickness and Outcomes of Mental Training Among Healthy Adults: A Randomized Clinical Trial	Puhlmann LMC	JAMA Netw Open. 2019 Sep 4;2(9):e199687.	2019	2019/9/26	31553468
389	Age-Related Dysfunctions: Evidence and Relationship with Some Risk Factors and Protective Drugs	Libertini G	Biochemistry (Mosc). 2019 Dec;84(12):1442-1450.	2019	2019/12/25	31870248
390	Cumulative lifetime stress exposure and leukocyte telomere length attrition: The unique role of stressor duration and exposure timing	Mayer SE	Psychoneuroendocrinology. 2019 Jun;104:210-218.	2019	2019/3/19	30884304
391	Epigenetic Clock and Relative Telomere Length Represent Largely Different Aspects of Aging in the Berlin Aging Study II (BASE-II)	Vetter VM	J Gerontol A Biol Sci Med Sci. 2019 Jan 1;74(1):27-32.	2019	2018/8/24	30137208
392	Successful aging, cognitive function, socioeconomic status, and leukocyte telomere length	Huang Y	Psychoneuroendocrinology. 2019 May;103:180-187.	2019	2019/2/2	30708136
393	Senescent human melanocytes drive skin ageing via paracrine telomere dysfunction	Victorelli S	EMBO J. 2019 Dec 2;38(23):e101982.	2019	2019/10/22	31633821
394	Learning on the job, the use of selection, optimization, and compensation strategies, and their association with telomere length as an indicator of biological aging	Weber J	Int Arch Occup Environ Health. 2019 Apr;92(3):361-370.	2019	2019/1/24	30671630
395	Chronic stress exposure and daily stress appraisals relate to biological aging marker p16(INK4a)	Rentscher KE	Psychoneuroendocrinology. 2019 Apr;102:139-148.	2019	2018/12/18	30557761
396	Telomere length and cardiovascular disease risk	Zhan Y	Curr Opin Cardiol. 2019 May;34(3):270-274.	2019	2019/2/13	30747731

397	Telomere shortening as a mechanism of long-term cost of infectious diseases in natural animal populations	Giraudeau M	Biol Lett. 2019 May 31;15(5):20190190.	2019	2019/5/23	31113307
398	Birds with high lifetime reproductive success experience increased telomere loss	Sudyka J	Biol Lett. 2019 Jan 31;15(1):20180637.	2019	2019/4/9	30958221
399	Differences in Leukocyte Telomere Length between Coronary Heart Disease and Normal Population: A Multipopulation Meta-Analysis	Xu X	Biomed Res Int. 2019 May 6;2019:5046867.	2019	2019/6/15	31198785
400	Cellular senescence: a promising strategy for cancer therapy	Lee S	BMB Rep. 2019 Jan;52(1):35-41.	2019	2018/12/12	30526771
401	Understanding the Role of Telomere Dynamics in Normal and Dysfunctional Human Reproduction	Arias-Sosa LA	Reprod Sci. 2019 Jan;26(1):6-17.	2019	2018/10/10	30296917
402	Single senescent cell sequencing reveals heterogeneity in senescent cells induced by telomere erosion	Tang H	Protein Cell. 2019 May;10(5):370-375.	2019	2018/11/14	30421359
403	Telomere attrition: metabolic regulation and signalling function?	Casagrande S	Biol Lett. 2019 Mar 29;15(3):20180885.	2019	2019/3/21	30890069
404	Telomere length and age-dependent telomere attrition: the blood-and-muscle model (1)	Chahine MN	Can J Physiol Pharmacol. 2019 Apr;97(4):328-334.	2019	2019/3/16	30874445
405	Years of caregiving for chronically ill and disabled family members is not associated with telomere length in the Philippines	Rej PH	Psychoneuroendocrinology. 2019 May;103:188-194.	2019	2019/2/4	30711895
406	The telomere world and aging: Analytical challenges and future perspectives	Mensà E	Ageing Res Rev. 2019 Mar;50:27-42.	2019	2019/1/8	30615937
407	The Microbiome and Aging	Bana B	Annu Rev Genet. 2019 Dec 3;53:239-261.	2019	2019/9/6	31487470
408	Length doesn't matter-telomere damage triggers cellular senescence in the ageing heart	Brand T	EMBO J. 2019 Mar 1;38(5):e101571.	2019	2019/2/17	30770342
409	Oxytocin administration prevents cellular aging caused by social isolation	Stevenson JR	Psychoneuroendocrinology. 2019 May;103:52-60.	2019	2019/1/15	30640038
410	Interventions Addressing the Telomere-Telomerase System	Muneer A	Adv Exp Med Biol. 2019;1192:521-544.	2019	2019/11/10	31705512
411	The red blood cell proportion of arachidonic acid relates to shorter leukocyte telomeres in Mediterranean elders: A secondary analysis of a randomized controlled trial	Freitas-Simoes TM	Clin Nutr. 2019 Apr;38(2):958-961.	2019	2018/2/27	29478886
412	Epigenome-wide association study of leukocyte telomere length	Lee Y	Aging (Albany NY). 2019 Aug 26;11(16):5876-5894.	2019	2019/8/29	31461406

413	Mice with hyper-long telomeres show less metabolic aging and longer lifespans	Muñoz-Lorente MA	Nat Commun. 2019 Oct 17;10(1):4723.	2019	2019/10/19	31624261
414	Stochastic Telomere Shortening and the Route to Limitless Replicative Potential	Ye Y	J Comput Biol. 2019 Apr;26(4):350-363.	2019	2019/2/15	30762424
415	Ultralong telomeres shorten with age in nestling great tits but are static in adults and mask attrition of short telomeres	Atema E	Mol Ecol Resour. 2019 May;19(3):648-658.	2019	2019/1/24	30672119
416	Impact of continuous predator threat on telomere dynamics in parent and nestling pied flycatchers	Kärkkäinen T	Oecologia. 2019 Dec;191(4):757-766.	2019	2019/10/16	31612326
417	Telomere dynamics in adult hematological malignancies	Olbertova H	Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub. 2019 Feb;163(1):1-7.	2019	2019/1/12	30631211
418	Network cultivation, diurnal cortisol and biological ageing: The rejuvenation hypothesis	Lai JCL	Med Hypotheses. 2019 Jan;122:1-4.	2019	2018/12/30	30593387
419	Meditation, stress processes, and telomere biology	Conklin QA	Curr Opin Psychol. 2019 Aug;28:92-101.	2019	2018/12/16	30553080
420	Novel biomolecules of ageing, sex differences and potential underlying mechanisms of telomere shortening in coronary artery disease	Opstad TB	Exp Gerontol. 2019 May;119:53-60.	2019	2019/1/27	30684534
421	Targeting Telomeres and Telomerase: Studies in Aging and Disease Utilizing CRISPR/Cas9 Technology	Brane AC	Cells. 2019 Feb 21;8(2):186.	2019	2019/2/24	30795542
422	Direct Single-Cell Analysis of Human Polar Bodies and Cleavage-Stage Embryos Reveals No Evidence of the Telomere Theory of Reproductive Ageing in Relation to Aneuploidy Generation	Turner K	Cells. 2019 Feb 16;8(2):163.	2019	2019/2/21	30781491
423	The polygenic nature of telomere length and the anti-ageing properties of lithium	Coutts F	Neuropsychopharmacology. 2019 Mar;44(4):757-765.	2019	2018/12/19	30559463
424	The potential nutrigeroprotective role of Mediterranean diet and its functional components on telomere length dynamics	Davinelli S	Ageing Res Rev. 2019 Jan;49:1-10.	2019	2018/11/19	30448616
425	Leukocyte Telomere Length in Patients with Radiographic Knee Osteoarthritis	Mosquera A	Environ Mol Mutagen. 2019 Apr;60(3):298-301.	2019	2018/11/30	30488497
426	Comparability of biological aging measures in the National Health and Nutrition Examination Study, 1999-2002	Hastings WJ	Psychoneuroendocrinology. 2019 Aug;106:171-178.	2019	2019/4/19	30999227
427	Replication Stress at Telomeric and Mitochondrial DNA: Common Origins and Consequences on Ageing	Billard P	Int J Mol Sci. 2019 Oct 8;20(19):4959.	2019	2019/10/11	31597307
428	Do Telomeres Influence Pace-of-Life-Strategies in Response to Environmental Conditions Over a Lifetime and Between Generations?	Giraudeau M	Bioessays. 2019 Mar;41(3):e1800162.	2019	2019/2/23	30793350

429	Mathematical model and computer simulations of telomere loss	Špoljarić AM	J Theor Biol. 2019 Mar 21;465:78-89.	2019	2019/1/12	30633884
430	Perceived racism in relation to telomere length among African American women in the Black Women's Health Study	Lu D	Ann Epidemiol. 2019 Aug;36:33-39.	2019	2019/8/8	31387775
431	Induced Trf2 deletion leads to aging vascular phenotype in mice associated with arterial telomere uncapping, senescence signaling, and oxidative stress	Morgan RG	J Mol Cell Cardiol. 2019 Feb;127:74-82.	2019	2018/12/4	30502348
432	Subcutaneous adipose tissue distribution and telomere length	Mangge H	Clin Chem Lab Med. 2019 Aug 27;57(9):1358-1363.	2019	2019/3/27	30913032
433	Alternative Lengthening of Telomeres (ALT) in Tumors and Pluripotent Stem Cells	Zhao S	Genes (Basel). 2019 Dec 10;10(12):1030.	2019	2019/12/15	31835618
434	X-rays Activate Telomeric Homologous Recombination Mediated Repair in Primary Cells	De Vitis M	Cells. 2019 Jul 12;8(7):708.	2019	2019/7/25	31336873
435	Childhood obesity and leucocyte telomere length	Lamprokostopoulou A	Eur J Clin Invest. 2019 Dec;49(12):e13178.	2019	2019/10/15	31610015
436	Telomere attrition predicts reduced survival in a wild social bird, but short telomeres do not	Wood EM	Mol Ecol. 2019 Aug;28(16):3669-3680.	2019	2019/7/24	31332860
437	Obesity, weight loss, and influence on telomere length: New insights for personalized nutrition	Welendorf C	Nutrition. 2019 Oct;66:115-121.	2019	2019/7/1	31255876
438	Sirtuin signaling in cellular senescence and aging	Lee SH	BMB Rep. 2019 Jan;52(1):24-34.	2019	2018/12/12	30526767
439	Associations between early life parent-child separation and shortened telomere length and psychopathological outcomes during adolescence	Chen X	Psychoneuroendocrinology. 2019 May;103:195-202.	2019	2019/2/4	30711896
440	Modulation of senoinflammation by calorie restriction based on biochemical and Omics big data analysis	Bang E	BMB Rep. 2019 Jan;52(1):56-63.	2019	2018/12/15	30545444
441	Alcohol consumption and leukocyte telomere length	Dixit S	Sci Rep. 2019 Feb 5;9(1):1404.	2019	2019/2/7	30723310
442	DNA methylation-based estimator of telomere length	Lu AT	Aging (Albany NY). 2019 Aug 18;11(16):5895-5923.	2019	2019/8/19	31422385
443	Stress and immunosenescence: The role of telomerase	de Punder K	Psychoneuroendocrinology. 2019 Mar;101:87-100.	2019	2018/11/17	30445409
444	Telomere length: population epidemiology and concordance in Australian children aged 11-12 years and their parents	Nguyen MT	BMJ Open. 2019 Jul 4;9(Suppl 3):118-126.	2019	2019/7/6	31273022

445	Mouse models in modeling aging and cancer	Li H	Exp Gerontol. 2019 Jun;120:88-94.	2019	2019/3/17	30876950
446	The association of female and male infertility with telomere length (Review)	Vasilopoulos E	Int J Mol Med. 2019 Aug;44(2):375-389.	2019	2019/6/8	31173155
447	Resilience factors may buffer cellular aging in individuals with and without chronic knee pain	Johnson AJ	Mol Pain. 2019 Jan-Dec;15:1744806919842962.	2019	2019/3/23	30900507
448	More miles on the clock: Neighbourhood stressors are associated with telomere length in a longitudinal study	Ellaway A	PLoS One. 2019 Mar 28;14(3):e0214380.	2019	2019/3/29	30921393
449	[INFLUENCE OF LIPID METABOLISM CONTROL ON THE TELOMERES RELATIVE LENGTH IN PATIENTS WITH ISOLATED HYPERTENSION AND IN COMBINATION WITH DIABETES MELLITUS TYPE 2]	Nemtsova V	Georgian Med News. 2019 Jun;(291):58-63.	2019	2019/8/17	31418732
450	CtIP is essential for telomere replication	Stroik S	Nucleic Acids Res. 2019 Sep 26;47(17):8927-8940.	2019	2019/8/6	31378812
451	Basal cortisol, cortisol reactivity, and telomere length: A systematic review and meta-analysis	Jiang Y	Psychoneuroendocrinology. 2019 May;103:163-172.	2019	2019/1/30	30695740
452	Cellular response to chronic psychosocial stress: Ten-year longitudinal changes in telomere length in the Multi-Ethnic Study of Atherosclerosis	Meier HCS	Psychoneuroendocrinology. 2019 Sep;107:70-81.	2019	2019/5/22	31112903
453	Red Blood Cell Distribution Width, Vascular Aging Biomarkers, and Endothelial Progenitor Cells for Predicting Vascular Aging and Diagnosing/Prognosing Age-Related Degenerative Arterial Diseases	Balistreri CR	Rejuvenation Res. 2019 Oct;22(5):399-408.	2019	2018/12/22	30572793
454	A Novel Pyrazolopyrimidine Ligand of Human PGK1 and Stress Sensor DJ1 Modulates the Shelterin Complex and Telomere Length Regulation	Bilsland AE	Neoplasia. 2019 Sep;21(9):893-907.	2019	2019/8/12	31401411
455	Plant-Rich Dietary Patterns, Plant Foods and Nutrients, and Telomere Length	Crous-Bou M	Adv Nutr. 2019 Nov 1;10(Suppl_4):S296-S303.	2019	2019/11/16	31728493
456	Sociodemographic correlates of change in leukocyte telomere length during mid- to late-life: The Multi-Ethnic Study of Atherosclerosis	Needham BL	Psychoneuroendocrinology. 2019 Apr;102:182-188.	2019	2018/12/22	30576944
457	DNA demethylation with 5-aza-2'-deoxycytidine induces the senescence-associated secretory phenotype in the immortal fish cell line, EPC	Futami K	Gene. 2019 May 20;697:194-200.	2019	2019/2/26	30802536
458	Mononuclear Cell Telomere Attrition Is Associated with Overall Survival after Nonmyeloablative Allogeneic Hematopoietic Cell Transplantation for Hematologic Malignancies	Helby J	Biol Blood Marrow Transplant. 2019 Mar;25(3):496-504.	2019	2018/9/30	30266676
459	Correlates of longitudinal leukocyte telomere length in the Costa Rican Longevity Study of Healthy Aging (CRELES): On the importance of DNA collection and storage procedures	Rosero-Bixby L	PLoS One. 2019 Oct 11;14(10):e0223766.	2019	2019/10/12	31603943
460	Telomere dynamic in humans and animals: Review and perspectives in environmental toxicology	Louzon M	Environ Int. 2019 Oct;131:105025.	2019	2019/7/29	31352262

461	Relationship between Telomere Maintenance and Liver Disease	Barnard A	Gut Liver. 2019 Jan 15;13(1):11-15.	2019	2018/11/8	30400735
462	Pilot study of DNA methylation, molecular aging markers and measures of health and well-being in aging	Vyas CM	Transl Psychiatry. 2019 Mar 18;9(1):118.	2019	2019/3/20	30886137
463	OXIDATIVE STRESS, TELOMERE LENGTH, AND FRAILTY IN AN OLD AGE POPULATION	Martínez-Ezquerro JD	Rev Invest Clin. 2019;71(6):393-401.	2019	2019/12/12	31823970
464	Association between aortic telomere length and cardiac post-transplant allograft function	Dlouha D	Int J Cardiol. 2019 Sep 1;290:129-133.	2019	2019/5/19	31101542
465	Higher Number of Night Shifts Associates with Good Perception of Work Capacity and Optimal Lung Function but Correlates with Increased Oxidative Damage and Telomere Attrition	Pavanello S	Biomed Res Int. 2019 Apr 11;2019:8327629.	2019	2019/5/22	31111068
466	Hemothelium, Clonal Hematopoiesis of Indeterminate Potential, and Atherosclerosis	Aviv A	Circulation. 2019 Jan 2;139(1):7-9.	2019	2018/12/29	30592656
467	A unique telomere DNA expansion phenotype in human retinal rod photoreceptors associated with aging and disease	Bell WR	Brain Pathol. 2019 Jan;29(1):45-52.	2019	2018/4/19	29668072
468	Endothelial senescence is induced by phosphorylation and nuclear export of telomeric repeat binding factor 2-interacting protein	Kotla S	JCI Insight. 2019 May 2;4(9):e124867.	2019	2019/5/3	31045573
469	Cross-sectional associations of sex hormones with leucocyte telomere length, a marker of biological age, in a community-based cohort of older men	Yeap BB	Clin Endocrinol (Oxf). 2019 Apr;90(4):562-569.	2019	2018/12/19	30561819
470	Structural, functional, and stability change predictions in human telomerase upon specific point mutations	Kalathiya U	Sci Rep. 2019 Jun 18;9(1):8707.	2019	2019/6/20	31213647
471	Brief report - Telomere length is a poor biomarker to predict 1-year mortality or cardiovascular comorbidity in patients with transcatheter aortic valve replacement	Steinmetz M	PLoS One. 2019 Mar 12;14(3):e0213250.	2019	2019/3/13	30861019
472	Telomeres in Plants and Humans: Not So Different, Not So Similar	Procházková Schrumpfová P	Cells. 2019 Jan 16;8(1):58.	2019	2019/1/19	30654521
473	Healthy diets and telomere length and attrition during a 10-year follow-up	Meinilä J	Eur J Clin Nutr. 2019 Oct;73(10):1352-1360.	2019	2019/1/16	30643221
474	Early-life telomere length predicts lifespan and lifetime reproductive success in a wild bird	Eastwood JR	Mol Ecol. 2019 Mar;28(5):1127-1137.	2019	2018/12/29	30592345
475	Serum and Dietary Folate and Vitamin B(12) Levels Account for Differences in Cellular Aging: Evidence Based on Telomere Findings in 5581 U.S. Adults	Tucker LA	Oxid Med Cell Longev. 2019 Oct 7;2019:4358717.	2019	2019/11/6	31687079
476	Unraveling the association between depression and telomere length using genomics	Verhoeven JE	Psychoneuroendocrinology. 2019 Apr;102:121-127.	2019	2018/12/14	30544003

477	Folic Acid Supplementation Suppresses Sleep Deprivation-Induced Telomere Dysfunction and Senescence-Associated Secretory Phenotype (SASP)	Zhang X	Oxid Med Cell Longev. 2019 Dec 14;2019:4569614.	2019	2020/1/18	31949878
478	Maternal cortisol output in pregnancy and newborn telomere length: Evidence for sex-specific effects	Bosquet Enlow M	Psychoneuroendocrinology. 2019 Apr;102:225-235.	2019	2018/12/28	30590340
479	Assessing T Lymphocyte Aging Using Telomere Length and Telomerase Activity Measurements in Low Cell Numbers	Fali T	Methods Mol Biol. 2019;2048:231-243.	2019	2019/8/10	31396941
480	Peripheral blood telomere alterations in ground glass opacity (GGO) lesions may suggest malignancy	Koslow M	Thorac Cancer. 2019 Apr;10(4):1009-1015.	2019	2019/3/14	30864244
481	Cell cycle arrest in replicative senescence is not an immediate consequence of telomere dysfunction	Nassrally MS	Mech Ageing Dev. 2019 Apr;179:11-22.	2019	2019/2/3	30710559
482	A subtelomeric region affects telomerase-negative replicative senescence in Saccharomyces cerevisiae	Jolivet P	Sci Rep. 2019 Feb 12;9(1):1845.	2019	2019/2/14	30755624
483	Association between Body Iron Status and Leukocyte Telomere Length, a Biomarker of Biological Aging, in a Nationally Representative Sample of US Adults	Liu B	J Acad Nutr Diet. 2019 Apr;119(4):617-625.	2019	2018/12/20	30563782
484	Stress resilience: Narrative identity may buffer the longitudinal effects of chronic caregiving stress on mental health and telomere shortening	Mason AE	Brain Behav Immun. 2019 Mar;77:101-109.	2019	2018/12/24	30579939
485	The protective function of non-coding DNA in DNA damage accumulation with age and its roles in age-related diseases	Qiu GH	Biogerontology. 2019 Dec;20(6):741-761.	2019	2019/9/2	31473864
486	Combined treatment with emodin and a telomerase inhibitor induces significant telomere damage/dysfunction and cell death	Liu R	Cell Death Dis. 2019 Jul 11;10(7):527.	2019	2019/7/13	31296842
487	Short telomeres correlate with a strong induction of cellular senescence in human dental follicle cells	Morsczeck C	BMC Mol Cell Biol. 2019 Apr 3;20(1):5.	2019	2019/5/2	31041893
488	Effects of bariatric surgery on telomere length and T-cell aging	Jongbloed F	Int J Obes (Lond). 2019 Nov;43(11):2189-2199.	2019	2019/4/14	30979972
489	The transgenerational transmission of maternal adverse childhood experiences (ACEs): Insights from placental aging and infant autonomic nervous system reactivity	Jones CW	Psychoneuroendocrinology. 2019 Aug;106:20-27.	2019	2019/4/5	30947082
490	Replicative senescence of hematopoietic cells in patients with idiopathic cytopenia of undetermined significance	Shin DY	Leuk Res. 2019 Apr;79:22-26.	2019	2019/3/5	30831479
491	Quantitative assessment of changes in cell growth, size and morphology during telomere-initiated cellular senescence in Saccharomyces cerevisiae	Ghanem NZ	Exp Cell Res. 2019 Aug 1;381(1):18-28.	2019	2019/5/11	31075257
492	Epigallocatechin-3-gallate induces telomere shortening and clastogenic damage in glioblastoma cells	Udroiu I	Environ Mol Mutagen. 2019 Oct;60(8):683-692.	2019	2019/4/27	31026358

493	Telomere Shortening Is behind the Harm of Immunosuppressive Therapy in Idiopathic Pulmonary Fibrosis	Molina-Molina M	Am J Respir Crit Care Med. 2019 Aug 1;200(3):274-275.	2019	2019/1/10	30624965
494	Dexamethasone induces primary amnion epithelial cell senescence through telomere-P21 associated pathway†	Martin LF	Biol Reprod. 2019 Jun 1;100(6):1605-1616.	2019	2019/3/31	30927408
495	Telomeres and telomerase: three decades of progress	Shay JW	Nat Rev Genet. 2019 May;20(5):299-309.	2019	2019/2/15	30760854
496	Expression and regulation of telomerase in human T cell differentiation, activation, aging and diseases	Patrick M	Cell Immunol. 2019 Nov;345:103989.	2019	2019/9/28	31558266
497	Telomere shortening rate predicts species life span	Whittemore K	Proc Natl Acad Sci U S A. 2019 Jul 23;116(30):15122-15127.	2019	2019/7/10	31285335
498	Pulmonary fibrosis: Genetic analysis of telomere-related genes, telomere length measurement-or both?	Kannengiesser C	Respirology. 2019 Feb;24(2):97-98.	2019	2018/12/18	30556624
499	Phosphatase-dependent fluctuations in DNA-damage checkpoint activation at partially defective telomeres	Miura A	Biochem Biophys Res Commun. 2019 Aug 13;516(1):133-137.	2019	2019/6/17	31202459
500	Mathematical model to study the aging of the human follicle according to the telomerase activity	Portillo AM	J Theor Biol. 2019 Feb 7;462:446-454.	2019	2018/12/4	30502407
501	Telomere length is associated with childhood trauma in patients with severe mental disorders	Aas M	Transl Psychiatry. 2019 Mar 21;9(1):97.	2019	2019/3/23	30898995
502	Exposure to different intrauterine environments: implications for telomere attrition in early life	Werlang ICR	J Matern Fetal Neonatal Med. 2019 Nov;32(21):3675-3684.	2019	2018/4/24	29681194
503	Oxidative Stress Induces Telomere Dysfunction and Senescence by Replication Fork Arrest	Coluzzi E	Cells. 2019 Jan 3;8(1):19.	2019	2019/1/6	30609792
504	N-3 Polyunsaturated Fatty Acids Decrease Long-Term Diabetic Risk of Offspring of Gestational Diabetes Rats by Postponing Shortening of Hepatic Telomeres and Modulating Liver Metabolism	Gao J	Nutrients. 2019 Jul 23;11(7):1699.	2019	2019/7/26	31340612
505	Quantifying Senescence-Associated Phenotypes in Primary Multipotent Mesenchymal Stromal Cell Cultures	Nadeau S	Methods Mol Biol. 2019;2045:93-105.	2019	2019/4/26	31020633
506	Seasonal modification of the associations of exposure to polycyclic aromatic hydrocarbons or phthalates of cellular aging	Hou J	Ecotoxicol Environ Saf. 2019 Oct 30;182:109384.	2019	2019/7/5	31272023
507	Childhood maltreatment, behavioral adjustment, and molecular markers of cellular aging in preschool-aged children: A cohort study	Ridout KK	Psychoneuroendocrinology. 2019 Sep;107:261-269.	2019	2019/6/8	31174164
508	Telomere length and telomerase activity in T cells are biomarkers of high-performing centenarians	Tedone E	Aging Cell. 2019 Feb;18(1):e12859.	2019	2018/11/30	30488553

509	Phenotypic and functional differences between senescent and aged murine microglia	Stojiljkovic MR	Neurobiol Aging. 2019 Feb;74:56-69.	2019	2018/11/16	30439594
510	Leukocyte telomere length and serum polyunsaturated fatty acids, dietary habits, cardiovascular risk factors and features of myocardial infarction in elderly patients	Kalstad AA	BMC Geriatr. 2019 Dec 27;19(1):376.	2019	2019/12/29	31881852
511	Telomere Length and Vascular Phenotypes in a Population-Based Cohort of Children and Midlife Adults	Nguyen MT	J Am Heart Assoc. 2019 Jun 4;8(11):e012707.	2019	2019/5/30	31140354
512	Telomeres in Interstitial Lung Disease: The Short and the Long of It	Courtwright AM	Ann Am Thorac Soc. 2019 Feb;16(2):175-181.	2019	2018/12/13	30540921
513	Molecular evidence supporting the precursor nature of atypical adenomatous hyperplasia of the prostate	Cheng L	Mol Carcinog. 2019 Jul;58(7):1272-1278.	2019	2019/3/29	30920030
514	Short telomeres are associated with inferior outcome, genomic complexity, and clonal evolution in chronic lymphocytic leukemia	Jebaraj BMC	Leukemia. 2019 Sep;33(9):2183-2194.	2019	2019/3/27	30911113
515	Maternal telomere length is shorter in intrauterine growth restriction versus uncomplicated pregnancies, but not in the offspring or in IVF-conceived newborns	Perales-Puchalt A	Reprod Biomed Online. 2019 Apr;38(4):606-612.	2019	2019/3/4	30826299
516	Digital phenotyping by consumer wearables identifies sleep-associated markers of cardiovascular disease risk and biological aging	Teo JX	Commun Biol. 2019 Oct 4;2:361.	2019	2019/10/12	31602410
517	The association between intimate partner violence against women and newborn telomere length	Chan KL	Transl Psychiatry. 2019 Sep 30;9(1):239.	2019	2019/10/2	31570690
518	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium	van der Spek A	Sci Rep. 2019 Aug 12;9(1):11623.	2019	2019/8/14	31406173
519	Use of U-STELA for Accurate Measurement of Extremely Short Telomeres	Serakinci N	Methods Mol Biol. 2019;2045:217-224.	2019	2018/3/16	29542055
520	Mechanisms underlying the activation of TERT transcription and telomerase activity in human cancer: old actors and new players	Yuan X	Oncogene. 2019 Aug;38(34):6172-6183.	2019	2019/7/10	31285550
521	Cognitive performance in survivors of breast cancer and markers of biological aging	Carroll JE	Cancer. 2019 Jan 15;125(2):298-306.	2019	2018/11/27	30474160
522	Inhibition of DNA damage response at telomeres improves the detrimental phenotypes of Hutchinson-Gilford Progeria Syndrome	Aguado J	Nat Commun. 2019 Nov 18;10(1):4990.	2019	2019/11/20	31740672
523	BMAL1 associates with chromosome ends to control rhythms in TERRA and telomeric heterochromatin	Park J	PLoS One. 2019 Oct 21;14(10):e0223803.	2019	2019/10/22	31634367
524	Nuclear localization of Desmoplakin and its involvement in telomere maintenance	Li P	Int J Biol Sci. 2019 Aug 24;15(11):2350-2362.	2019	2019/10/10	31595153

525	Additional benefits of telomere length (TL) measurements in chronic lymphocytic leukemia	Kaifie A	Leuk Lymphoma. 2019 Feb;60(2):541-543.	2019	2018/7/4	29966475
526	Correlates of telomere length shortening in peripheral leukocytes of HIV-infected individuals and association with leukoaraiosis	Minami R	PLoS One. 2019 Jun 27;14(6):e0218996.	2019	2019/6/28	31246986
527	Associations of telomere length in risk and recurrence of prostate cancer: A meta-analysis	Hu R	Andrologia. 2019 Aug;51(7):e13304.	2019	2019/5/16	31090230
528	Molecular characterization of Chlamydomonas reinhardtii telomeres and telomerase mutants	Eberhard S	Life Sci Alliance. 2019 Jun 3;2(3):e201900315.	2019	2019/6/5	31160377
529	PES1 is a critical component of telomerase assembly and regulates cellular senescence	Cheng L	Sci Adv. 2019 May 15;5(5):eaav1090.	2019	2019/5/21	31106266
530	Obstructive sleep apnea, nighttime arousals, and leukocyte telomere length: the Multi-Ethnic Study of Atherosclerosis	Carroll JE	Sleep. 2019 Jul 8;42(7):zsz089.	2019	2019/4/18	30994174
531	Study on the relationship between telomere length changes and recurrence of atrial fibrillation after radiofrequency catheter ablation	Su C	J Cardiovasc Electrophysiol. 2019 Jul;30(7):1117-1124.	2019	2019/5/2	31042327
532	Evaluation of sperm telomere length in infertile men with failed/low fertilization after intracytoplasmic sperm injection	Darmishonnejad Z	Reprod Biomed Online. 2019 Apr;38(4):579-587.	2019	2019/2/20	30777668
533	Both the classical and alternative non-homologous end joining pathways contribute to the fusion of drastically shortened telomeres induced by TRF2 overexpression	Nera B	Cell Cycle. 2019 Apr;18(8):880-888.	2019	2019/3/26	30907229
534	RNA-DNA Hybrids Support Recombination-Based Telomere Maintenance in Fission Yeast	Hu Y	Genetics. 2019 Oct;213(2):431-447.	2019	2019/8/14	31405990
535	Sex-specific effects of parasites on telomere dynamics in a short-lived passerine-the blue tit	Sudyka J	Naturwissenschaften. 2019 Jan 30;106(1-2):6.	2019	2019/2/1	30701351
536	Telomere dysfunction impairs epidermal stem cell specification and differentiation by disrupting BMP/pSmad/P63 signaling	Liu N	PLoS Genet. 2019 Sep 13;15(9):e1008368.	2019	2019/9/14	31518356
537	Benefit of an association of an antioxidative substrate and a traditional chinese medicine on telomere elongation	M'kacher R	Cell Mol Biol (Noisy-le-grand). 2019 Dec 31;65(8):54-58.	2019	2020/3/6	32133978
538	Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions	Cao D	Front Immunol. 2019 May 22;10:1152.	2019	2019/6/14	31191531
539	Leukocyte telomere shortening in Huntington's disease	Scarabino D	J Neurol Sci. 2019 Jan 15;396:25-29.	2019	2018/11/6	30396032
540	Transient induction of telomerase expression mediates senescence and reduces tumorigenesis in primary fibroblasts	Sun L	Proc Natl Acad Sci U S A. 2019 Sep 17;116(38):18983-18993.	2019	2019/9/5	31481614

541	Telomere length and childhood trauma in Colombians with depressive symptoms	Jiménez KM	Braz J Psychiatry. 2019 May-Jun;41(3):194-198.	2019	2018/10/18	30328966
542	Serum 25-Hydroxyvitamin D Levels as an Aging Marker: Strong Associations With Age and All-Cause Mortality Independent From Telomere Length, Epigenetic Age Acceleration, and 8-Isoprostane Levels	Schöttker B	J Gerontol A Biol Sci Med Sci. 2019 Jan 1;74(1):121-128.	2019	2018/10/30	30371905
543	Salivary Gland Stem Cells Age Prematurely in Primary Sjögren's Syndrome	Pringle S	Arthritis Rheumatol. 2019 Jan;71(1):133-142.	2019	2018/7/10	29984480
544	Dynamics of leukocyte telomere length in pregnant women living with HIV, and HIV-negative pregnant women: A longitudinal observational study	Saberi S	PLoS One. 2019 Mar 6;14(3):e0212273.	2019	2019/3/7	30840638
545	Aging, metabolic acidosis and renal failure: Interactive accelerating processes	Frassetto LA	Med Hypotheses. 2019 Mar;124:95-97.	2019	2019/2/26	30798927
546	Interpersonal-level discrimination indices, sociodemographic factors, and telomere length in African-Americans and Whites	Beatty Moody DL	Biol Psychol. 2019 Feb;141:1-9.	2019	2018/12/17	30553820
547	Premature aging syndromes: From patients to mechanism	Foo MXR	J Dermatol Sci. 2019 Nov;96(2):58-65.	2019	2019/11/16	31727429
548	Suppression effect of body weight on the association between cigarette smoking and telomere length: the Bogalusa Heart Study	Yun M	Aging (Albany NY). 2019 Nov 9;11(21):9893-9900.	2019	2019/11/11	31707361
549	Characterizing the three-dimensional organization of telomeres in papillary thyroid carcinoma cells	Caria P	J Cell Physiol. 2019 Apr;234(4):5175-5185.	2019	2018/10/18	30328617
550	Depression caused by long-term stress regulates premature aging and is possibly associated with disruption of circadian rhythms in mice	Xie X	Physiol Behav. 2019 Feb 1;199:100-110.	2019	2018/11/16	30439372
551	Relative telomere length and gene expression of shelterin complex proteins among vinyl chloride monomer-exposed workers in China	Zheng GQ	Environ Mol Mutagen. 2019 May;60(4):361-367.	2019	2018/12/23	30578676
552	Cold parenting is associated with cellular aging in offspring: A retrospective study	Knutsen R	Biol Psychol. 2019 Jul;145:142-149.	2019	2019/4/25	31014776
553	Social Relationships and Salivary Telomere Length Among Middle-Aged and Older African American and White Adults	Lincoln KD	J Gerontol B Psychol Sci Soc Sci. 2019 Aug 21;74(6):1053-1061.	2019	2017/5/10	28486613
554	Leucocyte Telomere Length and Glucose Tolerance Status in Mixed-Ancestry South Africans	Weale CJ	Cells. 2019 May 16;8(5):464.	2019	2019/5/19	31100911
555	Impact of direct-acting antivirals on leukocytic DNA telomere length in hepatitis C virus-related hepatic cirrhosis	Demerdash HM	Eur J Gastroenterol Hepatol. 2019 Apr;31(4):494-498.	2019	2018/11/17	30444746
556	Brca2 abrogation engages with the alternative lengthening of telomeres via break-induced replication	Kwon MS	FEBS J. 2019 May;286(10):1841-1858.	2019	2019/2/28	30811824

557	Short lymphocyte, but not granulocyte, telomere length in a subset of patients with systemic sclerosis	Lakota K	Ann Rheum Dis. 2019 Aug;78(8):1142-1144.	2019	2019/1/26	30679155
558	SETDB1-dependent heterochromatin stimulates alternative lengthening of telomeres	Gauchier M	Sci Adv. 2019 May 8;5(5):eaav3673.	2019	2019/5/16	31086817
559	Tel1/ATM Signaling to the Checkpoint Contributes to Replicative Senescence in the Absence of Telomerase	Menin L	Genetics. 2019 Oct;213(2):411-429.	2019	2019/8/9	31391264
560	Telomerase reverse transcriptase ameliorates lung fibrosis by protecting alveolar epithelial cells against senescence	Liu T	J Biol Chem. 2019 May 31;294(22):8861-8871.	2019	2019/4/20	31000627
561	Genetic determinants of telomere length and risk of pancreatic cancer: A PANDoRA study	Campa D	Int J Cancer. 2019 Mar 15;144(6):1275-1283.	2019	2018/10/17	30325019
562	LUNG FUNCTION AND TELOMERE RELATIVE LENGTH IN CLEAN-UP WORKERS OF CHORNOBYL NPP ACCIDENT IN A REMOTE POST-ACCIDENT PERIOD	Shvaiko LI	Probl Radiac Med Radiobiol. 2019 Dec;24:503-515.	2019	2019/12/17	31841491
563	Telomere dynamics and hematopoietic differentiation of human DKC1-mutant induced pluripotent stem cells	Donaires FS	Stem Cell Res. 2019 Oct;40:101540.	2019	2019/9/4	31479877
564	Telomeres and Telomerase in Cutaneous Squamous Cell Carcinoma	Ventura A	Int J Mol Sci. 2019 Mar 16;20(6):1333.	2019	2019/3/20	30884806
565	Genetic analyses of aplastic anemia and idiopathic pulmonary fibrosis patients with short telomeres, possible implication of DNA-repair genes	Arias-Salgado EG	Orphanet J Rare Dis. 2019 Apr 17;14(1):82.	2019	2019/4/19	30995915
566	Maternal stress during pregnancy and small for gestational age birthweight are not associated with telomere length at 11 years of age	Slykerman RF	Gene. 2019 Apr 30;694:97-101.	2019	2019/2/11	30738962
567	miR-34a derived from mesenchymal stem cells stimulates senescence in glioma cells by inducing DNA damage	Li Q	Mol Med Rep. 2019 Mar;19(3):1849-1857.	2019	2018/12/29	30592284
568	Telomere shortening by transgenerational transmission of TNF-α-induced TERRA via ATF7	Liu B	Nucleic Acids Res. 2019 Jan 10;47(1):283-298.	2019	2018/11/9	30407559
569	Dysfunction of iPSC-derived endothelial cells in human Hutchinson-Gilford progeria syndrome	Matrone G	Cell Cycle. 2019 Oct;18(19):2495-2508.	2019	2019/8/15	31411525
570	Endothelial senescence-associated secretory phenotype (SASP) is regulated by Makorin-1 ubiquitin E3 ligase	Kotla S	Metabolism. 2019 Nov;100:153962.	2019	2019/9/3	31476350
571	Analysis of Telomere Lengths in p53 Signatures and Incidental Serous Tubal Intraepithelial Carcinomas Without Concurrent Ovarian Cancer	Asaka S	Am J Surg Pathol. 2019 Aug;43(8):1083-1091.	2019	2019/5/21	31107721
572	Characterization of senescence biomarkers in rheumatoid arthritis: relevance to disease progression	Petersen LE	Clin Rheumatol. 2019 Oct;38(10):2909-2915.	2019	2019/6/13	31187337

573	Influence of donor liver telomere and G-tail on clinical outcome after living donor liver transplantation	Liu B	PLoS One. 2019 Mar 7;14(3):e0213462.	2019	2019/3/8	30845248
574	Transient introduction of human telomerase mRNA improves hallmarks of progeria cells	Li Y	Aging Cell. 2019 Aug;18(4):e12979.	2019	2019/6/2	31152494
575	ATM Deficiency Accelerates DNA Damage, Telomere Erosion, and Premature T Cell Aging in HIV-Infected Individuals on Antiretroviral Therapy	Zhao J	Front Immunol. 2019 Nov 5;10:2531.	2019	2019/11/30	31781094
576	BIBR1532, a Selective Telomerase Inhibitor, Enhances Radiosensitivity of Non-Small Cell Lung Cancer Through Increasing Telomere Dysfunction and ATM/CHK1 Inhibition	Ding X	Int J Radiat Oncol Biol Phys. 2019 Nov 15;105(4):861-874.	2019	2019/8/17	31419512
577	Paracrine Interaction of Cancer Stem Cell Populations Is Regulated by the Senescence-Associated Secretory Phenotype (SASP)	Lagunas AM	Mol Cancer Res. 2019 Jul;17(7):1480-1492.	2019	2019/5/3	31043491
578	Senescence and aging: Causes, consequences, and therapeutic avenues	McHugh D	J Cell Biol. 2018 Jan 2;217(1):65-77.	2018	2017/11/9	29114066
579	Telomeres and aging	Shay JW	Curr Opin Cell Biol. 2018 Jun;52:1-7.	2018	2017/12/19	29253739
580	What is and what is not cell senescence	Sikora E	Postepy Biochem. 2018 Oct 15;64(2):110-118.	2018	2019/1/19	30656893
581	Heart-Breaking Telomeres	Martínez P	Circ Res. 2018 Sep 14;123(7):787-802.	2018	2018/10/26	30355079
582	Telomere uncapping and vascular aging	Morgan RG	Am J Physiol Heart Circ Physiol. 2018 Jul 1;315(1):H1-H5.	2018	2018/3/17	29547021
583	Developmental programming of aging trajectory	Vaiserman A	Ageing Res Rev. 2018 Nov;47:105-122.	2018	2018/7/31	30059788
584	Telomere Length as Cardiovascular Aging Biomarker: JACC Review Topic of the Week	De Meyer T	J Am Coll Cardiol. 2018 Aug 14;72(7):805-813.	2018	2018/8/11	30092957
585	Chromosomal Processes in Mind-Body Medicine: Chronic Stress, Cell Aging, and Telomere Length	Esch T	Med Sci Monit Basic Res. 2018 Sep 17;24:134-140.	2018	2018/9/18	30220704
586	The Spectrum of Fundamental Basic Science Discoveries Contributing to Organismal Aging	Farr JN	J Bone Miner Res. 2018 Sep;33(9):1568-1584.	2018	2018/8/4	30075061
587	The role of telomeres in the mechanisms and evolution of life-history trade-offs and ageing	Young AJ	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160452.	2018	2018/1/17	29335379
588	Why are there associations between telomere length and behaviour?	Bateson M	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160438.	2018	2018/1/17	29335363

589	Sex-Specific Associations between Telomere Dynamics and Oxidative Status in Adult and Nestling Pied Flycatchers	López-Arrabé J	Physiol Biochem Zool. 2018 May/Jun;91(3):868-877.	2018	2018/3/17	29547348
590	Emerging roles of extracellular vesicles in cellular senescence and aging	Takasugi M	Aging Cell. 2018 Apr;17(2):e12734.	2018	2018/2/3	29392820
591	The role of melatonin, a multitasking molecule, in retarding the processes of ageing	Majidinia M	Ageing Res Rev. 2018 Nov;47:198-213.	2018	2018/8/10	30092361
592	Epigenetic status of subtelomere of peripheral leukocytes corresponds to cardiographic parameters with a sex association	Maeda T	Geriatr Gerontol Int. 2018 Sep;18(9):1415-1419.	2018	2018/7/7	29978589
593	Telomere Length Analysis: A Tool for Dissecting Aging Mechanisms in Developmental Programming	Tarry-Adkins JL	Methods Mol Biol. 2018;1735:351-363.	2018	2018/1/31	29380327
594	The rate of telomere loss is related to maximum lifespan in birds	Tricola GM	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160445.	2018	2018/1/17	29335369
595	Longer telomeres in elderly schizophrenia are associated with long-term hospitalization in the Japanese population	Zhang Y	J Psychiatr Res. 2018 Aug;103:161-166.	2018	2018/6/6	29870917
596	Telomere shortening: An innocent bystander at the crossroad of NASH with ageing and cardiometabolic risk?	Lonardo A	Liver Int. 2018 Oct;38(10):1730-1732.	2018	2018/9/27	30256511
597	A scoping systematic review of social stressors and various measures of telomere length across the life course	Willis M	Ageing Res Rev. 2018 Nov;47:89-104.	2018	2018/7/27	30048807
598	Spousal concordance in telomere length: New evidence from older adults in the US	Fletcher JM	PLoS One. 2018 Nov 1;13(11):e0202388.	2018	2018/11/2	30383762
599	Chronological and Biological Age Predict Seasonal Reproductive Timing: An Investigation of Clutch Initiation and Telomeres in Birds of Known Age	Bauer CM	Am Nat. 2018 Jun;191(6):777-782.	2018	2018/5/12	29750556
600	Reflections on telomere dynamics and ageing-related diseases in humans	Aviv A	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160436.	2018	2018/1/17	29335375
601	The relationship between telomere length and mortality risk in non-model vertebrate systems: a meta-analysis	Wilbourn RV	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160447.	2018	2018/1/17	29335371
602	Physical activity and telomere length in American Indians: the Strong Heart Study	Fretts AM	Eur J Epidemiol. 2018 May;33(5):497-500.	2018	2018/2/9	29417315
603	Fluorescence spectroscopic detection and measurement of single telomere molecules	Beh CW	Nucleic Acids Res. 2018 Nov 2;46(19):e117.	2018	2018/7/17	30010842
604	Elimination of Senescent Cells: Prospects According to the Subtelomere-Telomere Theory	Libertini G	Biochemistry (Mosc). 2018 Dec;83(12):1477-1488.	2018	2019/3/18	30878023

605	Somatic growth and telomere dynamics in vertebrates: relationships, mechanisms and consequences	Monaghan P	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160446.	2018	2018/1/17	29335370
606	[Risk assessment of age-associated diseases using telomere and microRNA technologies]	Tahara H	Rinsho Ketsueki. 2018;59(10):1880-1885.	2018	2018/10/12	30305488
607	Telomere length as a biomarker of accelerated aging: is it influenced by dietary intake?	Freitas-Simoes TM	Curr Opin Clin Nutr Metab Care. 2018 Nov;21(6):430-436.	2018	2018/8/28	30148739
608	Aberrant signaling and senescence associated protein degradation	Ferbeyre G	Exp Gerontol. 2018 Jul 1;107:50-54.	2018	2017/6/29	28658610
609	Telomere length in psychiatric disorders: Is it more than an ageing marker?	Monroy-Jaramillo N	World J Biol Psychiatry. 2018;19(sup2):S2-S20.	2018	2016/12/22	28000540
610	Mouse Models to Disentangle the Hallmarks of Human Aging	Folgueras AR	Circ Res. 2018 Sep 14;123(7):905-924.	2018	2018/10/26	30355076
611	Organ reserve, excess metabolic capacity, and aging	Atamna H	Biogerontology. 2018 Apr;19(2):171-184.	2018	2018/1/17	29335816
612	Association of plasma microRNA expression with age, genetic background and functional traits in dairy cattle	Ioannidis J	Sci Rep. 2018 Aug 28;8(1):12955.	2018	2018/8/30	30154501
613	Short Telomeres Induce p53 and Autophagy and Modulate Age-Associated Changes in Cardiac Progenitor Cell Fate	Matsumoto C	Stem Cells. 2018 Jun;36(6):868-880.	2018	2018/2/15	29441645
614	Photosensitization of A2E triggers telomere dysfunction and accelerates retinal pigment epithelium senescence	Wang J	Cell Death Dis. 2018 Feb 7;9(2):178.	2018	2018/2/9	29415988
615	Association of telomere length with general cognitive trajectories: a meta-analysis of four prospective cohort studies	Zhan Y	Neurobiol Aging. 2018 Sep;69:111-116.	2018	2018/6/6	29870951
616	The paradigm of obstructive sleep apnea in aging: interactions with telomere length	Tempaku PF	Sleep Med. 2018 Aug;48:155-156.	2018	2018/6/30	29957485
617	Telomere dynamics and cellular senescence: an emerging field in environmental and occupational toxicology	Møller P	Crit Rev Toxicol. 2018 Oct;48(9):761-788.	2018	2018/12/21	30570381
618	Long-term Persistent Organic Pollutants Exposure Induced Telomere Dysfunction and Senescence-Associated Secretary Phenotype	Yuan J	J Gerontol A Biol Sci Med Sci. 2018 Jul 9;73(8):1027-1035.	2018	2018/1/24	29360938
619	Telomere dynamics in wild banded mongooses: Evaluating longitudinal and quasi-longitudinal markers of senescence	Hares MC	Exp Gerontol. 2018 Jul 1;107:67-73.	2018	2017/10/2	28964829
620	Letter by De Meyer Regarding Article, "Short Leukocyte Telomere Length Precedes Clinical Expression of Atherosclerosis: The Blood-and-Muscle Model"	De Meyer T	Circ Res. 2018 Apr 13;122(8):e71-e72.	2018	2018/4/14	29650635

621	Dysfunctional telomeres and hematological disorders	Fiorini E	Differentiation. 2018 Mar-Apr;100:1-11.	2018	2018/1/15	29331736
622	Interstitial telomeric loops and implications of the interaction between TRF2 and lamin A/C	Smith ED	Differentiation. 2018 Jul-Aug;102:19-26.	2018	2018/7/7	29979997
623	Longitudinal changes in telomere length and associated genetic parameters in dairy cattle analysed using random regression models	Seeker LA	PLoS One. 2018 Feb 13;13(2):e0192864.	2018	2018/2/14	29438415
624	Cellular senescence in tissue repair: every cloud has a silver lining	Yun MH	Int J Dev Biol. 2018;62(6-7-8):591-604.	2018	2018/6/26	29938770
625	Mitochondria, telomeres and cell senescence: Implications for lung ageing and disease	Birch J	Pharmacol Ther. 2018 Mar;183:34-49.	2018	2017/10/9	28987319
626	Spatio-temporal variation in lifelong telomere dynamics in a long-term ecological study	Spurgin LG	J Anim Ecol. 2018 Jan;87(1):187-198.	2018	2017/8/11	28796902
627	[Application of the psychological aging scale for healthy people: A preliminary study based on empirical research]	He Z	Zhong Nan Da Xue Xue Bao Yi Xue Ban. 2018 Jan 28;43(1):76-81.	2018	2018/8/30	30154295
628	Reponse to Send et al. telomere length in newborns is related to maternal stress during pregnancy	Esteves KC	Neuropsychopharmacology. 2018 Oct;43(11):2163.	2018	2018/5/12	29748631
629	Mechanisms driving the ageing heart	Anderson R	Exp Gerontol. 2018 Aug;109:5-15.	2018	2017/10/22	29054534
630	Heterogeneous pattern of differences in respiratory parameters between elderly with either good or poor FEV(1)	Karrasch S	BMC Pulm Med. 2018 Feb 6;18(1):27.	2018	2018/2/8	29409487
631	Do senescence markers correlate in vitro and in situ within individual human donors?	Waaijer MEC	Aging (Albany NY). 2018 Feb 28;10(2):278-289.	2018	2018/3/4	29500330
632	A novel pooled-sample multiplex luminex assay for high-throughput measurement of relative telomere length	Jasmine F	Am J Hum Biol. 2018 Jul;30(4):e23118.	2018	2018/3/13	29527774
633	Relation of long-term patterns in caregiving activity and depressive symptoms to telomere length in older women	Chang SC	Psychoneuroendocrinology. 2018 Mar;89:161-167.	2018	2018/2/8	29414028
634	Telomere length measurement as a clinical biomarker of aging and disease	Fasching CL	Crit Rev Clin Lab Sci. 2018 Nov;55(7):443-465.	2018	2018/9/29	30265166
635	Parity associated with telomere length among US reproductive age women	Pollack AZ	Hum Reprod. 2018 Apr 1;33(4):736-744.	2018	2018/2/17	29452389
636	Understanding diversity in telomere dynamics	Monaghan P	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160435.	2018	2018/1/17	29335374

637	Do long telomeres affect cellular fitness?	Harari Y	Curr Genet. 2018 Feb;64(1):173-176.	2018	2017/9/10	28887594
638	Decreased telomere length in the small airway epithelium suggests accelerated aging in the lungs of persons living with human immunodeficiency virus (HIV)	Xu S	Respir Res. 2018 Jun 13;19(1):117.	2018	2018/6/14	29895291
639	In medio stat virtus: unanticipated consequences of telomere dysequilibrium	Harrington L	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160444.	2018	2018/1/17	29335368
640	Association of Glycemic Control and Cell Stress With Telomere Attrition in Type 1 Diabetes	Tesovnik T	JAMA Pediatr. 2018 Sep 1;172(9):879-881.	2018	2018/6/23	29931032
641	Do glucocorticoids mediate the link between environmental conditions and telomere dynamics in wild vertebrates? A review	Angelier F	Gen Comp Endocrinol. 2018 Jan 15;256:99-111.	2018	2017/7/15	28705731
642	Dietary Fiber and Telomere Length in 5674 U.S. Adults: An NHANES Study of Biological Aging	Tucker LA	Nutrients. 2018 Mar 23;10(4):400.	2018	2018/3/24	29570620
643	Young parents produce offspring with short telomeres: A study in a long-lived bird, the Black-browed Albatross (Thalassarche melanophrys)	Dupont SM	PLoS One. 2018 Mar 21;13(3):e0193526.	2018	2018/3/22	29561856
644	Telomere Length and All-Cause Mortality: A Meta-analysis	Wang Q	Ageing Res Rev. 2018 Dec;48:11-20.	2018	2018/9/27	30254001
645	Plastic roles of phenylalanine and tyrosine residues of TLS/FUS in complex formation with the G-quadruplexes of telomeric DNA and TERRA	Kondo K	Sci Rep. 2018 Feb 12;8(1):2864.	2018	2018/2/14	29434328
646	The future of telomere length in personalized medicine	Gorenjak V	Front Biosci (Landmark Ed). 2018 Mar 1;23:1628-1654.	2018	2018/1/3	29293454
647	Cellular aging dynamics after acute malaria infection: A 12-month longitudinal study	Asghar M	Aging Cell. 2018 Feb;17(1):e12702.	2018	2017/11/17	29143441
648	Usefulness of telomere length in DNA from human teeth for age estimation	Márquez-Ruiz AB	Int J Legal Med. 2018 Mar;132(2):353-359.	2018	2017/4/26	28439695
649	A role for telomere length and chromosomal damage in idiopathic pulmonary fibrosis	McDonough JE	Respir Res. 2018 Jul 9;19(1):132.	2018	2018/7/11	29986708
650	Short telomeres - A hallmark of heritable cardiomyopathies	Chang ACY	Differentiation. 2018 Mar-Apr;100:31-36.	2018	2018/2/27	29482077
651	Metformin and insulin treatment prevent placental telomere attrition in boys exposed to maternal diabetes	Garcia-Martin I	PLoS One. 2018 Dec 11;13(12):e0208533.	2018	2018/12/12	30533028
652	Changes in telomere length with aging in human neurons and glial cells revealed by quantitative fluorescence in situ hybridization analysis	Tomita KI	Geriatr Gerontol Int. 2018 Oct;18(10):1507-1512.	2018	2018/8/11	30095207

653	Telomere biology in aging and cancer: early history and perspectives	Hayashi MT	Genes Genet Syst. 2018 Jan 20;92(3):107-118.	2018	2017/10/11	28993556
654	Telomeres, Telomerase and Ageing	Saretzki G	Subcell Biochem. 2018;90:221-308.	2018	2019/2/20	30779012
655	Urban blackbirds have shorter telomeres	Ibáñez-Álamo JD	Biol Lett. 2018 Mar;14(3):20180083.	2018	2018/3/23	29563283
656	Childhood adversity, social support, and telomere length among perinatal women	Mitchell AM	Psychoneuroendocrinology. 2018 Jan;87:43-52.	2018	2017/10/17	29035711
657	Quantitative fluorescence in situ hybridization for investigation of telomere length dynamics in the pituitary gland using samples from 128 autopsied patients	Hiraishi N	Tissue Cell. 2018 Aug;53:1-7.	2018	2018/8/1	30060819
658	Walnut Consumption for Two Years and Leukocyte Telomere Attrition in Mediterranean Elders: Results of a Randomized Controlled Trial	Freitas-Simoes TM	Nutrients. 2018 Dec 4;10(12):1907.	2018	2018/12/7	30518050
659	All's well that ends well: why large species have short telomeres	Risques RA	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160448.	2018	2018/1/17	29335372
660	Training Performed Above Lactate Threshold Decreases p53 and Shelterin Expression in Mice	de Carvalho Cunha VN	Int J Sports Med. 2018 Sep;39(9):704-711.	2018	2018/6/27	29945271
661	Chronic occupational exposure endured by tobacco farmers from Brazil and association with DNA damage	Kahl VFS	Mutagenesis. 2018 Apr 13;33(2):119-128.	2018	2018/4/19	29669110
662	Justice for all? Beliefs about justice for self and others and telomere length in African Americans	Lucas T	Cultur Divers Ethnic Minor Psychol. 2018 Oct;24(4):498-509.	2018	2018/7/31	30058830
663	Telomere biology and age-related diseases	Herrmann M	Clin Chem Lab Med. 2018 Jul 26;56(8):1210-1222.	2018	2018/3/2	29494336
664	Linkage between mitochondrial genome alterations, telomere length and aging population	Zole E	Mitochondrial DNA A DNA Mapp Seq Anal. 2018 Apr;29(3):431-438.	2018	2017/3/25	28340313
665	Longitudinal associations of lifetime adiposity with leukocyte telomere length and mitochondrial DNA copy number	Hang D	Eur J Epidemiol. 2018 May;33(5):485-495.	2018	2018/4/6	29619669
666	Vascular ageing: Underlying mechanisms and clinical implications	Laina A	Exp Gerontol. 2018 Aug;109:16-30.	2018	2017/6/19	28624356
667	Comparison of telomere length measurement methods	Lai TP	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160451.	2018	2018/1/17	29335378
668	Vps74 Connects the Golgi Apparatus and Telomeres in Saccharomyces cerevisiae	Rodrigues J	G3 (Bethesda). 2018 May 4;8(5):1807-1816.	2018	2018/3/30	29593073

669	Diet Quality Indices and Leukocyte Telomere Length Among Healthy US Adults: Data From the National Health and Nutrition Examination Survey, 1999-2002	Leung CW	Am J Epidemiol. 2018 Oct 1;187(10):2192-2201.	2018	2018/6/19	29912268
670	Chronic low-dose pro-oxidant treatment stimulates transcriptional activity of telomeric retroelements and increases telomere length in Drosophila	Korandová M	J Insect Physiol. 2018 Jan;104:1-8.	2018	2017/11/11	29122549
671	Prospective association between major depressive disorder and leukocyte telomere length over two years	Vance MC	Psychoneuroendocrinology. 2018 Apr;90:157-164.	2018	2018/3/3	29499556
672	Ageing at the level of telomeres in association to residential landscape and air pollution at home and work: a review of the current evidence	Martens DS	Toxicol Lett. 2018 Dec 1;298:42-52.	2018	2018/6/27	29944903
673	Reproduction predicts shorter telomeres and epigenetic age acceleration among young adult women	Ryan CP	Sci Rep. 2018 Jul 23;8(1):11100.	2018	2018/7/25	30038336
674	Embryonic growth rate affects telomere attrition: an experiment in a wild bird	Vedder O	J Exp Biol. 2018 Aug 10;221(Pt 15):jeb181586.	2018	2018/6/29	29950447
675	Shorter leukocyte telomere length is associated with risk of nonobstructive azoospermia	Yang Q	Fertil Steril. 2018 Sep;110(4):648-654.e1.	2018	2018/9/11	30196961
676	The paternal age at conception effect on offspring telomere length: mechanistic, comparative and adaptive perspectives	Eisenberg DTA	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160442.	2018	2018/1/17	29335366
677	Bovine telomere dynamics and the association between telomere length and productive lifespan	Seeker LA	Sci Rep. 2018 Aug 24;8(1):12748.	2018	2018/8/26	30143784
678	Leukocyte telomere length and diet in the apparently healthy, middle-aged Asklepios population	De Meyer T	Sci Rep. 2018 Apr 25;8(1):6540.	2018	2018/4/27	29695838
679	Evolutionary ecology of telomeres: a review	Olsson M	Ann N Y Acad Sci. 2018 Jun;1422(1):5-28.	2018	2017/10/7	28984363
680	Shelterin differentially respond to oxidative stress induced by TiO(2)-NPs and regulate telomere length in human hepatocytes and hepatocarcinoma cells in vitro	Wang H	Biochem Biophys Res Commun. 2018 Sep 5;503(2):697-702.	2018	2018/6/18	29909006
681	Early life adversity and telomere length: a meta-analysis	Ridout KK	Mol Psychiatry. 2018 Apr;23(4):858-871.	2018	2017/3/22	28322278
682	Low childhood subjective social status and telomere length in adulthood: The role of attachment orientations	Murdock KW	Dev Psychobiol. 2018 Apr;60(3):340-346.	2018	2018/2/17	29451299
683	Telomeric epigenetic response mediated by Gadd45a regulates stem cell aging and lifespan	Diao D	EMBO Rep. 2018 Oct;19(10):e45494.	2018	2018/8/22	30126922
684	When Telomerase Causes Telomere Loss	Glousker G	Dev Cell. 2018 Feb 5;44(3):281-283.	2018	2018/2/7	29408234

685	Socioeconomic Status, Financial Strain, and Leukocyte Telomere Length in a Sample of African American Midlife Men	Schrock JM	J Racial Ethn Health Disparities. 2018 Jun;5(3):459-467.	2018	2017/6/22	28634877
686	Rapid shortening of leukocyte telomeres is associated with poorer pulmonary function among healthy adults	Desai K	Respir Med. 2018 Dec;145:73-79.	2018	2018/12/5	30509719
687	Clinical implications of telomere dysfunction in lung fibrosis	Molina-Molina M	Curr Opin Pulm Med. 2018 Sep;24(5):440-444.	2018	2018/8/2	30067250
688	Growing old, yet staying young: The role of telomeres in bats' exceptional longevity	Foley NM	Sci Adv. 2018 Feb 7;4(2):eaao0926.	2018	2018/2/15	29441358
689	Green tea supplementation promotes leukocyte telomere length elongation in obese women	Nonino CB	Nutr Hosp. 2018 Jun 10;35(3):570-575.	2018	2018/7/6	29974764
690	Long-term effects of superoxide and DNA repair on lizard telomeres	Olsson M	Mol Ecol. 2018 Dec;27(24):5154-5164.	2018	2018/10/29	30368957
691	Depression, telomeres and mitochondrial DNA: between- and within-person associations from a 10-year longitudinal study	Verhoeven JE	Mol Psychiatry. 2018 Apr;23(4):850-857.	2018	2017/3/29	28348385
692	Does Telomere Length Indicate Biological, Physical, and Cognitive Health Among Older Adults? Evidence from the Health and Retirement Study	Brown LL	J Gerontol A Biol Sci Med Sci. 2018 Nov 10;73(12):1626-1632.	2018	2018/1/19	29346517
693	Effect of male-specific childhood trauma on telomere length	Xavier G	J Psychiatr Res. 2018 Dec;107:104-109.	2018	2018/11/2	30384090
694	Longitudinal changes in leukocyte telomere length and mortality in elderly Swedish men	Yuan X	Aging (Albany NY). 2018 Oct 29;10(10):3005-3016.	2018	2018/10/31	30375983
695	Do cells sense time by number of divisions?	Schuss Z	J Theor Biol. 2018 Sep 7;452:10-16.	2018	2018/5/13	29752953
696	Dynamics of Telomere Rejuvenation during Chemical Induction to Pluripotent Stem Cells	Fu H	Stem Cell Reports. 2018 Jul 10;11(1):70-87.	2018	2018/6/5	29861168
697	TRF1 as a major contributor for telomeres' shortening in the context of obesity	Grun LK	Free Radic Biol Med. 2018 Dec;129:286-295.	2018	2018/10/1	30268887
698	[Tea polyphenols delays human glomerular mesangial cells senescence induced by high glucose via regulating STAT3/miR-126/telomere signaling pathway activation]	Cao DW	Zhongguo Zhong Yao Za Zhi. 2018 Dec;43(23):4678-4684.	2018	2019/2/6	30717558
699	Association between shortened telomere length and rheumatoid arthritis : A meta-analysis	Lee YH	Z Rheumatol. 2018 Mar;77(2):160-167.	2018	2016/9/21	27644953
700	Telomerase can't handle the stress	Smith S	Genes Dev. 2018 May 1;32(9-10):597-599.	2018	2018/5/27	29802121

701	Leukocyte telomere length variation in different stages of schizophrenia	Maurya PK	J Psychiatr Res. 2018 Jan;96:218-223.	2018	2017/11/6	29102816
702	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies	Gielen M	Am J Clin Nutr. 2018 Sep 1;108(3):453-475.	2018	2018/12/12	30535086
703	Telomere dysfunction promotes transdifferentiation of human fibroblasts into myofibroblasts	Razdan N	Aging Cell. 2018 Dec;17(6):e12838.	2018	2018/9/24	30244523
704	GWAS of epigenetic aging rates in blood reveals a critical role for TERT	Lu AT	Nat Commun. 2018 Jan 26;9(1):387.	2018	2018/1/28	29374233
705	In vitro proinflammatory gene expression predicts in vivo telomere shortening: A preliminary study	Lin J	Psychoneuroendocrinology. 2018 Oct;96:179-187.	2018	2018/7/7	29980010
706	Stanozolol administration combined with exercise leads to decreased telomerase activity possibly associated with liver aging	Ozcagli E	Int J Mol Med. 2018 Jul;42(1):405-413.	2018	2018/5/3	29717770
707	Protein sequestration at the nuclear periphery as a potential regulatory mechanism in premature aging	Serebryannyy L	J Cell Biol. 2018 Jan 2;217(1):21-37.	2018	2017/10/21	29051264
708	One 'knows': self-rated health and telomere length among ex-prisoners of war	Tsur N	Psychol Health. 2018 Dec;33(12):1503-1518.	2018	2018/11/22	30460867
709	APE1 deficiency promotes cellular senescence and premature aging features	Li M	Nucleic Acids Res. 2018 Jun 20;46(11):5664-5677.	2018	2018/5/12	29750271
710	Development of a New Monochrome Multiplex qPCR Method for Relative Telomere Length Measurement in Cancer	Dahlgren PN	Neoplasia. 2018 May;20(5):425-431.	2018	2018/3/25	29573637
711	Telomere length and hTERT in mania and subsequent remission	Köse Çinar R	Braz J Psychiatry. 2018 Jan-Mar;40(1):19-25.	2018	2017/7/13	28700015
712	Telomerase activity and telomere on stem progeny senescence	Brazvan B	Biomed Pharmacother. 2018 Jun;102:9-17.	2018	2018/3/17	29547744
713	Telomere Length Dynamics and the Evolution of Cancer Genome Architecture	Cleal K	Int J Mol Sci. 2018 Feb 6;19(2):482.	2018	2018/2/9	29415479
714	Leucocyte telomere shortening is associated with nonalcoholic fatty liver disease-related advanced fibrosis	Kim D	Liver Int. 2018 Oct;38(10):1839-1848.	2018	2018/5/26	29797393
715	Physiological increase of yolk testosterone level does not affect oxidative status and telomere length in gull hatchlings	Parolini M	PLoS One. 2018 Oct 26;13(10):e0206503.	2018	2018/10/27	30365552
716	Telomere length and its association with hippocampal gray matter volume in antipsychotic-naïve/free schizophrenia patients	Shivakumar V	Psychiatry Res Neuroimaging. 2018 Dec 30;282:11-17.	2018	2018/11/2	30384145

717	Pulmonary phenotypes associated with genetic variation in telomere-related genes	Hoffman TW	Curr Opin Pulm Med. 2018 May;24(3):269-280.	2018	2018/2/24	29474209
718	Gene pathways associated with mitochondrial function, oxidative stress and telomere length are differentially expressed in the liver of rats fed lifelong on virgin olive, sunflower or fish oils	Varela-Lopez A	J Nutr Biochem. 2018 Feb;52:36-44.	2018	2017/11/18	29144994
719	Discovery of Novel Schizocommunin Derivatives as Telomeric G-Quadruplex Ligands That Trigger Telomere Dysfunction and the Deoxyribonucleic Acid (DNA) Damage Response	Che T	J Med Chem. 2018 Apr 26;61(8):3436-3453.	2018	2018/4/6	29618208
720	Current Perspectives of Telomerase Structure and Function in Eukaryotes with Emerging Views on Telomerase in Human Parasites	Dey A	Int J Mol Sci. 2018 Jan 24;19(2):333.	2018	2018/1/25	29364142
721	CTC1-STN1 terminates telomerase while STN1-TEN1 enables C-strand synthesis during telomere replication in colon cancer cells	Feng X	Nat Commun. 2018 Jul 19;9(1):2827.	2018	2018/7/21	30026550
722	Diagnostic utility of telomere length testing in a hospital-based setting	Alder JK	Proc Natl Acad Sci U S A. 2018 Mar 6;115(10):E2358-E2365.	2018	2018/2/22	29463756
723	Incident hand OA is strongly associated with reduced peripheral blood leukocyte telomere length	McAlindon T	Osteoarthritis Cartilage. 2018 Dec;26(12):1651-1657.	2018	2018/9/3	30172836
724	Hyperglycemia attenuates the association between telomere length and age in Ukrainian population	Krasnienkov DS	Exp Gerontol. 2018 Sep;110:247-252.	2018	2018/7/1	29958997
725	Telomere length and advanced diffusion MRI as biomarkers for repetitive mild traumatic brain injury in adolescent rats	Wright DK	Neuroimage Clin. 2018 Jan 31;18:315-324.	2018	2018/6/8	29876252
726	Review: Chemical Pathology of Homocysteine VI. Aging, Cellular Senescence, and Mitochondrial Dysfunction	McCully KS	Ann Clin Lab Sci. 2018 Sep;48(5):677-687.	2018	2018/10/31	30373877
727	Murine regulatory T cells induce death of effector T, B, and NK lymphocytes through a contact-independent mechanism involving telomerase suppression and telomere-associated senescence	Zhdanov DD	Cell Immunol. 2018 Sep;331:146-160.	2018	2018/6/25	29935763
728	Skewed X-chromosome inactivation and shorter telomeres associate with idiopathic premature ovarian insufficiency	Miranda-Furtado CL	Fertil Steril. 2018 Aug;110(3):476-485.e1.	2018	2018/8/13	30098699
729	Religiosity and Telomere Length in Colorectal Cancer Patients in Saudi Arabia	Al Ahwal MS	J Relig Health. 2018 Apr;57(2):672-682.	2018	2018/1/5	29299784
730	Telomere Length and Bipolar Disorder	Powell TR	Neuropsychopharmacology. 2018 Jan;43(2):445-453.	2018	2017/6/17	28621334
731	Association between leukocyte telomere length and angiogenic cytokines in knee osteoarthritis	Poonpet T	Int J Rheum Dis. 2018 Jan;21(1):118-125.	2018	2017/2/17	28205383
732	Traumatic stress and cellular senescence: The role of war-captivity and homecoming stressors in later life telomere length	Stein JY	J Affect Disord. 2018 Oct 1;238:129-135.	2018	2018/6/8	29879607

733	Genetic cartography of longevity in humans and mice: Current landscape and horizons	Hook M	Biochim Biophys Acta Mol Basis Dis. 2018 Sep;1864(9 Pt A):2718-2732.	2018	2018/2/8	29410319
734	Role of accelerated aging in limb muscle wasting of patients with COPD	Lakhdar R	Int J Chron Obstruct Pulmon Dis. 2018 Jun 25;13:1987-1998.	2018	2018/7/5	29970961
735	ATF7 mediates TNF-α-induced telomere shortening	Maekawa T	Nucleic Acids Res. 2018 May 18;46(9):4487-4504.	2018	2018/3/1	29490055
736	Smoking, telomere length and lung function decline: a longitudinal population-based study	Andujar P	Thorax. 2018 Mar;73(3):283-285.	2018	2017/7/21	28724638
737	Telomeres: Implications for Cancer Development	Bernal A	Int J Mol Sci. 2018 Jan 19;19(1):294.	2018	2018/1/20	29351238
738	TERT regulates telomere-related senescence and apoptosis through DNA damage response in male germ cells exposed to BPDE in vitro and to B[a]P in vivo	Ling X	Environ Pollut. 2018 Apr;235:836-849.	2018	2018/1/23	29353801
739	RAD51 and RTEL1 compensate telomere loss in the absence of telomerase	Olivier M	Nucleic Acids Res. 2018 Mar 16;46(5):2432-2445.	2018	2018/1/19	29346668
740	Adiposity, Telomere Length, and Telomere Attrition in Midlife: the 1946 British Birth Cohort	Wulaningsih W	J Gerontol A Biol Sci Med Sci. 2018 Jun 14;73(7):966-972.	2018	2017/9/29	28957990
741	Balance between senescence and apoptosis is regulated by telomere damage-induced association between p16 and caspase-3	Panneer Selvam S	J Biol Chem. 2018 Jun 22;293(25):9784-9800.	2018	2018/5/12	29748384
742	Biomarkers of Aging in HIV-Infected Children on Suppressive Antiretroviral Therapy	Shiau S	J Acquir Immune Defic Syndr. 2018 Aug 15;78(5):549-556.	2018	2018/5/18	29771780
743	Premature Spinal Bone Loss in Women Living with HIV is Associated with Shorter Leukocyte Telomere Length	Kalyan S	Int J Environ Res Public Health. 2018 May 18;15(5):1018.	2018	2018/5/23	29783641
744	Heterozygous RTEL1 variants in bone marrow failure and myeloid neoplasms	Marsh JCW	Blood Adv. 2018 Jan 4;2(1):36-48.	2018	2018/1/19	29344583
745	Telomere length was similar in school-age children with bronchopulmonary dysplasia and allergic asthma	Henckel E	Acta Paediatr. 2018 Aug;107(8):1395-1401.	2018	2018/2/25	29476624
746	Shwachman-Diamond Syndrome Protein SBDS Maintains Human Telomeres by Regulating Telomerase Recruitment	Liu Y	Cell Rep. 2018 Feb 13;22(7):1849-1860.	2018	2018/2/15	29444436
747	iPSC modeling of severe aplastic anemia reveals impaired differentiation and telomere shortening in blood progenitors	Melguizo-Sanchis D	Cell Death Dis. 2018 Jan 26;9(2):128.	2018	2018/1/28	29374141
748	Sex differences in effects of maternal risk and protective factors in childhood and pregnancy on newborn telomere length	Bosquet Enlow M	Psychoneuroendocrinology. 2018 Sep;95:74-85.	2018	2018/5/27	29803183

749	DNA damage and telomere length shortening in the peripheral blood leukocytes of 20 years SM-exposed veterans	Behboudi H	Int Immunopharmacol. 2018 Aug;61:37-44.	2018	2018/5/27	29803135
750	Evolution of telomere maintenance and tumour suppressor mechanisms across mammals	Tian X	Philos Trans R Soc Lond B Biol Sci. 2018 Mar 5;373(1741):20160443.	2018	2018/1/17	29335367
751	Elderly human hematopoietic progenitor cells express cellular senescence markers and are more susceptible to pyroptosis	Fali T	JCI Insight. 2018 Jul 12;3(13):e95319.	2018	2018/7/13	29997288
752	DNA Methylation of Telomere-Related Genes and Cancer Risk	Joyce BT	Cancer Prev Res (Phila). 2018 Aug;11(8):511-522.	2018	2018/6/14	29895583
753	Novel variants in Nordic patients referred for genetic testing of telomere-related disorders	Norberg A	Eur J Hum Genet. 2018 Jun;26(6):858-867.	2018	2018/2/28	29483670
754	Telomere length in poor-risk chronic lymphocytic leukemia: associations with disease characteristics and outcome	Steinbrecher D	Leuk Lymphoma. 2018 Jul;59(7):1614-1623.	2018	2017/10/25	29063805
755	hnRNPA2 mediated acetylation reduces telomere length in response to mitochondrial dysfunction	Guha M	PLoS One. 2018 Nov 14;13(11):e0206897.	2018	2018/11/15	30427907
756	Evidence for genetic anticipation in vonHippel-Lindau syndrome	Aronoff L	J Med Genet. 2018 Jun;55(6):395-402.	2018	2018/2/14	29437867
757	Telomere length alterations in microsatellite stable colorectal cancer and association with the immune response	Lopez-Doriga A	Biochim Biophys Acta Mol Basis Dis. 2018 Sep;1864(9 Pt B):2992-3000.	2018	2018/6/17	29908233
758	Association of adiposity, telomere length and mortality: data from the NHANES 1999-2002	Batsis JA	Int J Obes (Lond). 2018 Feb;42(2):198-204.	2018	2017/8/18	28816228
759	Histone depletion prevents telomere fusions in pre-senescent cells	Barrientos-Moreno M	PLoS Genet. 2018 Jun 7;14(6):e1007407.	2018	2018/6/8	29879139
760	Upregulation of MiR-126 Delays the Senescence of Human Glomerular Mesangial Cells Induced by High Glucose via Telomere-p53-p21-Rb Signaling Pathway	Cao DW	Curr Med Sci. 2018 Oct;38(5):758-764.	2018	2018/10/21	30341510
761	GUARDIN is a p53-responsive long non-coding RNA that is essential for genomic stability	Hu WL	Nat Cell Biol. 2018 Apr;20(4):492-502.	2018	2018/3/30	29593331
762	Effects of Meditation and Music-Listening on Blood Biomarkers of Cellular Aging and Alzheimer's Disease in Adults with Subjective Cognitive Decline: An Exploratory Randomized Clinical Trial	Innes KE	J Alzheimers Dis. 2018;66(3):947-970.	2018	2018/10/16	30320574
763	Physical activity and telomere length: Impact of aging and potential mechanisms of action	Arsenis NC	Oncotarget. 2017 Jul 4;8(27):45008-45019.	2017	2017/4/15	28410238
764	Biological Age Predictors	Jylhävä J	EBioMedicine. 2017 Jul;21:29-36.	2017	2017/4/12	28396265

765	Telomeres and Cell Senescence - Size Matters Not	Victorelli S	EBioMedicine. 2017 Jul;21:14-20.	2017	2017/3/29	28347656
766	[Telomeres and diet quality]	Marti A	Nutr Hosp. 2017 Oct 24;34(5):1226-1245.	2017	2017/11/14	29130723
767	[Telomere-telomerase system in aging, norm and pathology (literature review)]	Pavlov KI	Adv Gerontol. 2017;30(1):17-26.	2017	2017/5/31	28557385
768	Birth and death: Evidence for the same biologic clock	Phillippe M	Am J Reprod Immunol. 2017 May;77(5).	2017	2017/2/11	28185343
769	Telomere shortening during aging: Attenuation by antioxidants and anti-inflammatory agents	Prasad KN	Mech Ageing Dev. 2017 Jun;164:61-66.	2017	2017/4/23	28431907
770	Telomeres, Aging and Exercise: Guilty by Association?	Chilton W	Int J Mol Sci. 2017 Nov 29;18(12):2573.	2017	2017/11/30	29186077
771	Linking telomere loss and mitochondrial dysfunction in chronic disease	Gonzales-Ebsen AC	Front Biosci (Landmark Ed). 2017 Jan 1;22:117-127.	2017	2016/11/5	27814605
772	Telomeres, Nutrition, and Longevity: Can We Really Navigate Our Aging?	Vidacek NŠ	J Gerontol A Biol Sci Med Sci. 2017 Dec 12;73(1):39-47.	2017	2017/5/17	28510637
773	The association between post-traumatic stress disorder and shorter telomere length: A systematic review and meta-analysis	Li X	J Affect Disord. 2017 Aug 15;218:322-326.	2017	2017/5/10	28486180
774	Association between childhood trauma and accelerated telomere erosion in adulthood: A meta-analytic study	Li Z	J Psychiatr Res. 2017 Oct;93:64-71.	2017	2017/6/12	28601667
775	Effects of bioactive compounds on senescence and components of senescence associated secretory phenotypes in vitro	Mária J	Food Funct. 2017 Jul 19;8(7):2394-2418.	2017	2017/7/1	28665427
776	Telomere length analysis in Down syndrome birth	Bhaumik P	Mech Ageing Dev. 2017 Jun;164:20-26.	2017	2017/3/23	28327364
777	Physical Activity Domains/Recommendations and Leukocyte Telomere Length in U.S. Adults	Ogawa EF	Med Sci Sports Exerc. 2017 Jul;49(7):1375-1382.	2017	2017/3/7	28263285
778	Leisure-time physical activity and leukocyte telomere length among older women	Shadyab AH	Exp Gerontol. 2017 Sep;95:141-147.	2017	2017/5/30	28552815
779	Effects of early-life competition and maternal nutrition on telomere lengths in wild meerkats	Cram DL	Proc Biol Sci. 2017 Aug 30;284(1861):20171383.	2017	2017/9/1	28855370
780	Telomeres shorten and then lengthen before fledging in Magellanic penguins (Spheniscus magellanicus)	Cerchiara JA	Aging (Albany NY). 2017 Feb 8;9(2):487-493.	2017	2017/2/11	28186493

781	Telomeres and the natural lifespan limit in humans	Steenstrup T	Aging (Albany NY). 2017 Apr;9(4):1130-1142.	2017	2017/4/11	28394764
782	Telegraphing your telomere length to the next generation	Albertini DF	J Assist Reprod Genet. 2017 Jul;34(7):829-830.	2017	2017/6/9	28593460
783	[Functional analysis of Protection of Telomeres 1a (Pot1a) in regulation of hematopoietic stem cell aging]	Hosokawa K	Rinsho Ketsueki. 2017;58(8):942-949.	2017	2017/9/9	28883279
784	Dietary patterns, food groups and telomere length: a systematic review of current studies	Rafie N	Eur J Clin Nutr. 2017 Feb;71(2):151-158.	2017	2016/8/18	27530475
785	Early-life adversity accelerates cellular ageing and affects adult inflammation: Experimental evidence from the European starling	Nettle D	Sci Rep. 2017 Jan 17;7:40794.	2017	2017/1/18	28094324
786	Does oxidative stress shorten telomeres?	Boonekamp JJ	Biol Lett. 2017 May;13(5):20170164.	2017	2017/5/5	28468913
787	Retrospective cohort study and biobanking of patients treated for hemangioma in childhood - telomeres as biomarker of aging and radiation exposure	Frenzel M	Int J Radiat Biol. 2017 Oct;93(10):1040-1053.	2017	2017/6/27	28649877
788	[Associations between depression, anxiety and telomere length in a large Dutch psychiatric cohort study]	Verhoeven JE	Tijdschr Psychiatr. 2017;59(6):350-359.	2017	2017/6/15	28613367
789	Long telomeres protect against age-dependent cardiac disease caused by NOTCH1 haploinsufficiency	Theodoris CV	J Clin Invest. 2017 May 1;127(5):1683-1688.	2017	2017/3/28	28346225
790	Association of Accelerometer-Measured Physical Activity With Leukocyte Telomere Length Among Older Women	Shadyab AH	J Gerontol A Biol Sci Med Sci. 2017 Oct 12;72(11):1532-1537.	2017	2017/3/23	28329327
791	Telomere length in alcohol dependence: A role for impulsive choice and childhood maltreatment	Kang JI	Psychoneuroendocrinology. 2017 Sep;83:72-78.	2017	2017/6/10	28599145
792	Telomere Biology and Thoracic Aortic Aneurysm	Aschacher T	Int J Mol Sci. 2017 Dec 21;19(1):3.	2017	2017/12/22	29267201
793	Telomere length in bipolar disorder and lithium response	Squassina A	Eur Neuropsychopharmacol. 2017 Jun;27(6):560-567.	2017	2015/12/2	26621262
794	Analyzing leukocyte telomere length in bipolar disorder	Monroy-Jaramillo N	Braz J Psychiatry. 2017 Jul-Sep;39(3):274.	2017	2017/8/17	28813115
795	Sex differences in telomeres and lifespan in Soay sheep: From the beginning to the end	Dantzer B	Mol Ecol. 2017 Jun;26(12):3090-3092.	2017	2017/6/7	28586541
796	Occupational stress of anesthesia: Effects on aging	Zanaty OM	J Clin Anesth. 2017 Jun;39:159-164.	2017	2017/5/13	28494896

797	Consumption of Nuts and Seeds and Telomere Length in 5,582 Men and Women of the National Health and Nutrition Examination Survey (NHANES)	Tucker LA	J Nutr Health Aging. 2017;21(3):233-240.	2017	2017/3/1	28244560
798	Processes Linking Religious Involvement and Telomere Length	Hill TD	Biodemography Soc Biol. 2017;63(2):167-188.	2017	2017/5/20	28521619
799	Long Telomeres Do Not Affect Cellular Fitness in Yeast	Harari Y	mBio. 2017 Aug 29;8(4):e01314-17.	2017	2017/8/31	28851852
800	Association between the dietary inflammatory index (DII) and telomere length and C-reactive protein from the National Health and Nutrition Examination Survey-1999-2002	Shivappa N	Mol Nutr Food Res. 2017 Apr;61(4):10.1002/mnfr.201600630.	2017	2016/11/24	27878970
801	Analyzing leukocyte telomere length in bipolar disorder: Authors' reply	Barbé-Tuana FM	Braz J Psychiatry. 2017 Jul-Sep;39(3):275-276.	2017	2017/8/17	28813116
802	[Association between sleep and leukocyte telomere length in middle-aged and older adults]	Liu HF	Zhonghua Liu Xing Bing Xue Za Zhi. 2017 Jul 10;38(7):889-892.	2017	2017/7/25	28738460
803	Leukocyte telomere length: Effects of schizophrenia, age, and gender	Wolkowitz OM	J Psychiatr Res. 2017 Feb;85:42-48.	2017	2016/11/12	27835738
804	[Age-Related Changes of Heart Rate Variability at Various Insulin Sensitivity and Telomere Length]	Boytsov AS	Kardiologiia. 2017 Jul;57(7):52-60.	2017	2017/10/19	29041881
805	Herpesviruses and the Hayflick Limit In Vivo	Griffiths PD	J Infect Dis. 2017 Sep 1;216(5):511-513.	2017	2017/9/22	28931224
806	Gene therapy with the TRF1 telomere gene rescues decreased TRF1 levels with aging and prolongs mouse health span	Derevyanko A	Aging Cell. 2017 Dec;16(6):1353-1368.	2017	2017/9/26	28944611
807	Shorter telomere length increases age-related tumor risks in von Hippel-Lindau disease patients	Wang JY	Cancer Med. 2017 Sep;6(9):2131-2141.	2017	2017/8/5	28776935
808	Effects of Diet on Telomere Length: Systematic Review and Meta-Analysis	Pérez LM	Public Health Genomics. 2017;20(5):286-292.	2017	2018/2/14	29439273
809	Telomere length and fetal programming: A review of recent scientific advances	Whiteman VE	Am J Reprod Immunol. 2017 May;77(5).	2017	2017/5/14	28500672
810	Selective disappearance of great tits with short telomeres in urban areas	Salmón P	Proc Biol Sci. 2017 Sep 13;284(1862):20171349.	2017	2017/9/8	28878065
811	Telomere Dynamics in Immune Senescence and Exhaustion Triggered by Chronic Viral Infection	Bellon M	Viruses. 2017 Oct 5;9(10):289.	2017	2017/10/6	28981470
812	Telomere Length and Accelerated Biological Aging in the China Suboptimal Health Cohort: A Case-Control Study	Alzain MA	OMICS. 2017 Jun;21(6):333-339.	2017	2017/6/16	28617662

813	Genetic and Environmental Effects on Telomere Length and Lung Function: A Twin Study	Sillanpää E	J Gerontol A Biol Sci Med Sci. 2017 Oct 12;72(11):1561-1568.	2017	2016/11/19	27856493
814	The age-dependent association between aortic pulse wave velocity and telomere length	McDonnell BJ	J Physiol. 2017 Mar 1;595(5):1627-1635.	2017	2017/3/2	28247509
815	Modulation of telomere protection by the PI3K/AKT pathway	Méndez-Pertuz M	Nat Commun. 2017 Nov 2;8(1):1278.	2017	2017/11/4	29097657
816	The telomere binding protein Pot1 maintains haematopoietic stem cell activity with age	Hosokawa K	Nat Commun. 2017 Oct 6;8(1):804.	2017	2017/10/8	28986560
817	Clustered abasic lesions profoundly change the structure and stability of human telomeric G-quadruplexes	Kejnovská I	Nucleic Acids Res. 2017 May 5;45(8):4294-4305.	2017	2017/4/4	28369584
818	Offspring telomere length in the long lived Alpine swift is negatively related to the age of their biological father and foster mother	Criscuolo F	Biol Lett. 2017 Sep;13(9):20170188.	2017	2017/9/15	28904178
819	Telomere Length Among Older U.S. Adults: Differences by Race/Ethnicity, Gender, and Age	Brown L	J Aging Health. 2017 Dec;29(8):1350-1366.	2017	2016/7/30	27469599
820	Leukocyte Telomere Length and Cardiovascular Risk Scores for Prediction of Cardiovascular Mortality	Barger SD	Epidemiology. 2017 Mar;28(2):e13-e15.	2017	2017/2/2	28146441
821	Polyunsaturated fatty acids ameliorate aging via redox-telomere-antioncogene axis	Chen J	Oncotarget. 2017 Jan 31;8(5):7301-7314.	2017	2016/12/31	28038469
822	A method for measuring the distribution of the shortest telomeres in cells and tissues	Lai TP	Nat Commun. 2017 Nov 7;8(1):1356.	2017	2017/11/9	29116081
823	Differential decrease in soluble and DNA-bound telomerase in senescent human fibroblasts	Yehuda S	Biogerontology. 2017 Aug;18(4):525-533.	2017	2017/3/3	28251405
824	The Longitudinal Relationship Between Cortisol Responses to Mental Stress and Leukocyte Telomere Attrition	Steptoe A	J Clin Endocrinol Metab. 2017 Mar 1;102(3):962-969.	2017	2016/12/15	27967317
825	Looping-out mechanism for resolution of replicative stress at telomeres	Zhang T	EMBO Rep. 2017 Aug;18(8):1412-1428.	2017	2017/6/16	28615293
826	Control of Cellular Aging, Tissue Function, and Cancer by p53 Downstream of Telomeres	Roake CM	Cold Spring Harb Perspect Med. 2017 May 1;7(5):a026088.	2017	2017/3/15	28289249
827	Effects of initial telomere length distribution on senescence onset and heterogeneity	Eugène S	J Theor Biol. 2017 Jan 21;413:58-65.	2017	2016/11/20	27864096
828	Shorter telomere length in people with schizophrenia: A preliminary study from Australia	Galletly C	Schizophr Res. 2017 Dec;190:46-51.	2017	2017/3/13	28285024

829	Sex differences in leucocyte telomere length in a free-living mammal	Watson RL	Mol Ecol. 2017 Jun;26(12):3230-3240.	2017	2016/12/28	28027420
830	Telomere-associated aging disorders	Opresko PL	Ageing Res Rev. 2017 Jan;33:52-66.	2017	2016/5/25	27215853
831	Leukocyte telomere length, T cell composition and DNA methylation age	Chen BH	Aging (Albany NY). 2017 Sep 20;9(9):1983-1995.	2017	2017/9/21	28930701
832	High-throughput single-molecule telomere characterization	McCaffrey J	Genome Res. 2017 Nov;27(11):1904-1915.	2017	2017/10/14	29025896
833	Physical activity and telomere length in U.S. men and women: An NHANES investigation	Tucker LA	Prev Med. 2017 Jul;100:145-151.	2017	2017/4/29	28450121
834	Induction of Site-Specific Oxidative Damage at Telomeres by Killerred-Fused Shelretin Proteins	Tan R	Methods Mol Biol. 2017;1587:139-146.	2017	2017/3/22	28324506
835	Telomere Length, Long-Term Black Carbon Exposure, and Cognitive Function in a Cohort of Older Men: The VA Normative Aging Study	Colicino E	Environ Health Perspect. 2017 Jan;125(1):76-81.	2017	2016/6/4	27259001
836	Assessing the contributions of childhood maltreatment subtypes and depression case-control status on telomere length reveals a specific role of physical neglect	Vincent J	J Affect Disord. 2017 Apr 15;213:16-22.	2017	2017/2/11	28187293
837	Spatial and Temporal Control of Senescence	Ito Y	Trends Cell Biol. 2017 Nov;27(11):820-832.	2017	2017/8/21	28822679
838	Telomere Length and Neighborhood Circumstances: Evaluating Biological Response to Unfavorable Exposures	Lynch SM	Cancer Epidemiol Biomarkers Prev. 2017 Apr;26(4):553-560.	2017	2017/4/5	28373169
839	Mind the cell: Seasonal variation in telomere length mirrors changes in leucocyte profile	Beaulieu M	Mol Ecol. 2017 Oct;26(20):5603-5613.	2017	2017/8/18	28817217
840	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder	Fries GR	Transl Psychiatry. 2017 Dec 11;7(12):1283.	2017	2017/12/12	29225347
841	Differences in placental telomere length suggest a link between racial disparities in birth outcomes and cellular aging	Jones CW	Am J Obstet Gynecol. 2017 Mar;216(3):294.e1-294.e8.	2017	2016/11/21	27865975
842	Association between shortened telomere length and systemic lupus erythematosus: a meta-analysis	Lee YH	Lupus. 2017 Mar;26(3):282-288.	2017	2016/8/12	27510600
843	Telomere length is longer in women with late maternal age	Fagan E	Menopause. 2017 May;24(5):497-501.	2017	2016/12/7	27922939
844	Telomere Length Determines TERRA and R-Loop Regulation through the Cell Cycle	Graf M	Cell. 2017 Jun 29;170(1):72-85.e14.	2017	2017/7/1	28666126

845	Telomere tracking from birth to adulthood and residential traffic exposure	Bijnens EM	BMC Med. 2017 Nov 21;15(1):205.	2017	2017/11/22	29157235
846	A meta-analysis of the relationship between anxiety and telomere length	Malouff JM	Anxiety Stress Coping. 2017 May;30(3):264-272.	2017	2016/11/16	27844481
847	Examining the association between anthropometric parameters and telomere length and mortality risk	Wu CJ	Oncotarget. 2017 May 23;8(21):34057-34069.	2017	2017/4/21	28423661
848	Myelodysplasia and liver disease extend the spectrum of RTEL1 related telomeropathies	Cardoso SR	Haematologica. 2017 Aug;102(8):e293-e296.	2017	2017/5/13	28495916
849	Introduction to Telomeres and Telomerase	Songyang Z	Methods Mol Biol. 2017;1587:1-13.	2017	2017/3/22	28324493
850	Systematic correlation of environmental exposure and physiological and self-reported behaviour factors with leukocyte telomere length	Patel CJ	Int J Epidemiol. 2017 Feb 1;46(1):44-56.	2017	2016/4/10	27059547
851	Chronic exposure to rapamycin and episodic serum starvation modulate ageing of human fibroblasts in vitro	Sodagam L	Biogerontology. 2017 Oct;18(5):841-854.	2017	2017/9/9	28884409
852	Association of a Platinum Complex to a G-Quadruplex Ligand Enhances Telomere Disruption	Charif R	Chem Res Toxicol. 2017 Aug 21;30(8):1629-1640.	2017	2017/6/29	28657713
853	Acute exercise activates p38 MAPK and increases the expression of telomere-protective genes in cardiac muscle	Ludlow AT	Exp Physiol. 2017 Apr 1;102(4):397-410.	2017	2017/2/7	28166612
854	Telomere shortening and accelerated aging in COPD: findings from the BODE cohort	Córdoba-Lanús E	Respir Res. 2017 Apr 13;18(1):59.	2017	2017/4/15	28407775
855	Telomere Length and Breast Cancer Prognosis: A Systematic Review	Ennour-Idrissi K	Cancer Epidemiol Biomarkers Prev. 2017 Jan;26(1):3-10.	2017	2016/9/29	27677729
856	Leukocyte telomere length and depression, anxiety and stress and adjustment disorders in primary health care patients	Wang X	BMC Psychiatry. 2017 Apr 24;17(1):148.	2017	2017/4/26	28438147
857	Telomere length is reflected by plumage coloration and predicts seasonal reproductive success in the barn swallow	Parolini M	Mol Ecol. 2017 Nov;26(21):6100-6109.	2017	2017/8/30	28851004
858	Telomere length profiles in primary human peritoneal mesothelial cells are consistent with senescence	Lopez-Anton M	Mech Ageing Dev. 2017 Jun;164:37-40.	2017	2017/4/5	28373051
859	Serum 25-Hydroxyvitamin D Has a Modest Positive Association with Leukocyte Telomere Length in Middle-Aged US Adults	Beilfuss J	J Nutr. 2017 Apr;147(4):514-520.	2017	2017/2/10	28179486
860	Obstructive sleep apnea risk and leukocyte telomere length in African Americans from the MH-GRID study	Riestra P	Sleep Breath. 2017 Sep;21(3):751-757.	2017	2017/1/14	28083855

861	Age-Dependent Gender Disparities in Post Lung Transplant Survival Among Patients With Idiopathic Pulmonary Fibrosis	Sheikh SI	Ann Thorac Surg. 2017 Feb;103(2):441-446.	2017	2017/3/26	28341270
862	Secrets from immortal worms: What can we learn about biological ageing from the planarian model system?	Sahu S	Semin Cell Dev Biol. 2017 Oct;70:108-121.	2017	2017/8/19	28818620
863	Fanconi Anemia: A DNA repair disorder characterized by accelerated decline of the hematopoietic stem cell compartment and other features of aging	Brosh RM Jr	Ageing Res Rev. 2017 Jan;33:67-75.	2017	2016/5/26	27223997
864	Telomere attrition and growth: a life-history framework and case study in common terns	Vedder O	J Evol Biol. 2017 Jul;30(7):1409-1419.	2017	2017/5/20	28524249
865	Impact of Yoga and Meditation on Cellular Aging in Apparently Healthy Individuals: A Prospective, Open-Label Single-Arm Exploratory Study	Tolahunase M	Oxid Med Cell Longev. 2017;2017:7928981.	2017	2017/2/14	28191278
866	Telomere Length, Oxidative Stress, Inflammation and BDNF Levels in Siblings of Patients with Bipolar Disorder: Implications for Accelerated Cellular Aging	Vasconcelos-Moreno MP	Int J Neuropsychopharmacol. 2017 Jun 1;20(6):445-454.	2017	2017/3/25	28339618
867	Test anxiety and telomere length: Academic stress in adolescents may not cause rapid telomere erosion	Zou Y	Oncotarget. 2017 Feb 14;8(7):10836-10844.	2017	2017/1/26	28122333
868	Telomere length is inversely correlated with urinary stress hormone levels in healthy controls but not in un-medicated depressed individuals-preliminary findings	Fair B	J Psychosom Res. 2017 Aug;99:177-180.	2017	2017/7/18	28712425
869	Stress, depressive status and telomere length: Does social interaction and coping strategy play a mediating role?	Liu JJ	J Affect Disord. 2017 Nov;222:138-145.	2017	2017/7/14	28704801
870	Ancestry, Telomere Length, and Atherosclerosis Risk	Benetos A	Circ Cardiovasc Genet. 2017 Jun;10(3):e001718.	2017	2017/6/16	28615296
871	Cardiomyocyte-Specific Telomere Shortening is a Distinct Signature of Heart Failure in Humans	Sharifi-Sanjani M	J Am Heart Assoc. 2017 Sep 7;6(9):e005086.	2017	2017/9/9	28882819
872	Telomere protein complexes and their role in lymphoid malignancies	Panero J	Front Biosci (Schol Ed). 2017 Jan 1;9:17-30.	2017	2016/11/5	27814571
873	Changes in vitamin D endocrinology during aging in adults	de Jongh RT	Mol Cell Endocrinol. 2017 Sep 15;453:144-150.	2017	2017/6/13	28602863
874	Pale and dark morphs of tawny owls show different patterns of telomere dynamics in relation to disease status	Karell P	Proc Biol Sci. 2017 Jul 26;284(1859):20171127.	2017	2017/7/28	28747482
875	Body weight status and telomere length in U.S. middle-aged and older adults	An R	Obes Res Clin Pract. 2017 Jan-Feb;11(1):51-62.	2017	2016/2/21	26895795
876	Transient ALT activation protects human primary cells from chromosome instability induced by low chronic oxidative stress	Coluzzi E	Sci Rep. 2017 Feb 27;7:43309.	2017	2017/2/28	28240303

877	Telomere quantification in frontal and temporal brain tissue of patients with schizophrenia	van Mierlo HC	J Psychiatr Res. 2017 Dec;95:231-234.	2017	2017/9/15	28910708
878	Aberrant leukocyte telomere length in Birdshot Uveitis	Vazirpanah N	PLoS One. 2017 May 1;12(5):e0176175.	2017	2017/5/2	28459868
879	Telomere Length in Newborns is Related to Maternal Stress During Pregnancy	Send TS	Neuropsychopharmacology. 2017 Nov;42(12):2407-2413.	2017	2017/4/12	28397798
880	Telomere Terminal G/C Strand Synthesis: Measuring Telomerase Action and C-Rich Fill-In	Zhao Y	Methods Mol Biol. 2017;1587:71-82.	2017	2017/3/22	28324499
881	Telomere length as a potential biomarker of coronary artery disease	Bhattacharyya J	Indian J Med Res. 2017 Jun;145(6):730-737.	2017	2017/10/26	29067974
882	Telomeres in cancer: tumour suppression and genome instability	Maciejowski J	Nat Rev Mol Cell Biol. 2017 Mar;18(3):175-186.	2017	2017/1/19	28096526
883	CRISPR-Cas9 Mediated Telomere Removal Leads to Mitochondrial Stress and Protein Aggregation	Kim H	Int J Mol Sci. 2017 Oct 3;18(10):2093.	2017	2017/10/4	28972555
884	Different effects of accelerated development and enhanced growth on oxidative stress and telomere shortening in amphibian larvae	Burraco P	Sci Rep. 2017 Aug 8;7(1):7494.	2017	2017/8/10	28790317
885	The differential spatiotemporal expression pattern of shelterin genes throughout lifespan	Wagner KD	Aging (Albany NY). 2017 Apr;9(4):1219-1232.	2017	2017/4/25	28437249
886	Persistent Herpesvirus Infections and Telomere Attrition Over 3 Years in the Whitehall II Cohort	Dowd JB	J Infect Dis. 2017 Sep 1;216(5):565-572.	2017	2017/9/22	28931225
887	Correlation of Leukocyte Telomere Length Measurement Methods in Patients with Dyskeratosis Congenita and in Their Unaffected Relatives	Khincha PP	Int J Mol Sci. 2017 Aug 13;18(8):1765.	2017	2017/8/15	28805708
888	Mutations in XLF/NHEJ1/Cernunnos gene results in downregulation of telomerase genes expression and telomere shortening	Carrillo J	Hum Mol Genet. 2017 May 15;26(10):1900-1914.	2017	2017/4/4	28369633
889	Higher serum phenylalanine concentration is associated with more rapid telomere shortening in men	Eriksson JG	Am J Clin Nutr. 2017 Jan;105(1):144-150.	2017	2016/11/25	27881392
890	Nucleolus association of chromosomal domains is largely maintained in cellular senescence despite massive nuclear reorganisation	Dillinger S	PLoS One. 2017 Jun 2;12(6):e0178821.	2017	2017/6/3	28575119
891	Acne and Telomere Length: A New Spectrum between Senescence and Apoptosis Pathways	Ribero S	J Invest Dermatol. 2017 Feb;137(2):513-515.	2017	2016/10/4	27693374
892	Cardiac and systemic rejuvenation after cardiosphere-derived cell therapy in senescent rats	Grigorian-Shamagian L	Eur Heart J. 2017 Oct 14;38(39):2957-2967.	2017	2017/10/12	29020403

893	Celiac disease autoimmunity is associated with leukocyte telomere shortening in older adults: The U.S. National Health and Nutrition Examination Survey	Kamycheva E	Exp Gerontol. 2017 Mar;89:64-68.	2017	2017/1/21	28104447
894	Detection of Dysfunctional Telomeres in Oncogene-Induced Senescence	Patel PL	Methods Mol Biol. 2017;1534:69-78.	2017	2016/11/5	27812868
895	Longitudinal associations between micronutrient consumption and leukocyte telomere length	Lee JY	J Hum Nutr Diet. 2017 Apr;30(2):236-243.	2017	2016/8/24	27550625
896	Expression of miR-23a induces telomere shortening and is associated with poor clinical outcomes in patients with coronary artery disease	Satoh M	Clin Sci (Lond). 2017 Jul 13;131(15):2007-2017.	2017	2017/6/25	28646123
897	BRD4 inhibitors block telomere elongation	Wang S	Nucleic Acids Res. 2017 Aug 21;45(14):8403-8410.	2017	2017/9/1	28854735
898	Preliminary evidence that age and sex affect exercise-induced hTERT expression	Cluckey TG	Exp Gerontol. 2017 Oct 1;96:7-11.	2017	2017/6/8	28587932
899	A null mutation in SERPINE1 protects against biological aging in humans	Khan SS	Sci Adv. 2017 Nov 15;3(11):eaao1617.	2017	2017/11/21	29152572
900	Relationship between interpersonal sensitivity and leukocyte telomere length	Suzuki A	BMC Med Genet. 2017 Oct 10;18(1):112.	2017	2017/10/12	29017469
901	Rejuvenation of Cardiac Tissue Developed from Reprogrammed Aged Somatic Cells	Cheng Z	Rejuvenation Res. 2017 Oct;20(5):389-400.	2017	2017/5/9	28478705
902	Short Telomeres, but Not Telomere Attrition Rates, Are Associated With Carotid Atherosclerosis	Toupance S	Hypertension. 2017 Aug;70(2):420-425.	2017	2017/6/21	28630210
903	Tianshengyuan-1 (TSY-1) regulates cellular Telomerase activity by methylation of TERT promoter	Yu W	Oncotarget. 2017 Jan 31;8(5):7977-7988.	2017	2016/12/22	28002788
904	Single Stem Cell Imaging and Analysis Reveals Telomere Length Differences in Diseased Human and Mouse Skeletal Muscles	Tichy ED	Stem Cell Reports. 2017 Oct 10;9(4):1328-1341.	2017	2017/9/12	28890163
905	Non-random length distribution of individual telomeres in immunodeficiency, centromeric instability and facial anomalies syndrome, type I	Sagie S	Hum Mol Genet. 2017 Nov 1;26(21):4244-4256.	2017	2017/10/4	28973513
906	Progerin-Induced Replication Stress Facilitates Premature Senescence in Hutchinson-Gilford Progeria Syndrome	Wheaton K	Mol Cell Biol. 2017 Jun 29;37(14):e00659-16.	2017	2017/5/10	28483909
907	Sphere-Induced Rejuvenation of Swine and Human Müller Glia Is Primarily Caused by Telomere Elongation	Xu N	Stem Cells. 2017 Jun;35(6):1579-1591.	2017	2017/2/3	28152565
908	Young adult survivors of childhood acute lymphoblastic leukemia show evidence of chronic inflammation and cellular aging	Ariffin H	Cancer. 2017 Nov 1;123(21):4207-4214.	2017	2017/6/28	28654149

909	Regular exercise participation improves genomic stability in diabetic patients: an exploratory study to analyse telomere length and DNA damage	Dimauro I	Sci Rep. 2017 Jun 23;7(1):4137.	2017	2017/6/25	28646223
910	Fission yeast Stn1 is crucial for semi-conservative replication at telomeres and subtelomeres	Takikawa M	Nucleic Acids Res. 2017 Feb 17;45(3):1255-1269.	2017	2017/2/10	28180297
911	CTC1-mediated C-strand fill-in is an essential step in telomere length maintenance	Feng X	Nucleic Acids Res. 2017 May 5;45(8):4281-4293.	2017	2017/3/24	28334750
912	Characterisation of a divergent progenitor cell sub-populations in human osteoarthritic cartilage: the role of telomere erosion and replicative senescence	Fellows CR	Sci Rep. 2017 Feb 2;7:41421.	2017	2017/2/3	28150695
913	Buccal telomere length and its associations with cortisol, heart rate variability, heart rate, and blood pressure responses to an acute social evaluative stressor in college students	Woody A	Stress. 2017 May;20(3):249-257.	2017	2017/5/10	28482730
914	Shelterin Telomere Protection Protein 1 Reduction Causes Telomere Attrition and Cellular Senescence via Sirtuin 1 Deacetylase in Chronic Obstructive Pulmonary Disease	Ahmad T	Am J Respir Cell Mol Biol. 2017 Jan;56(1):38-49.	2017	2016/8/26	27559927
915	Measuring Telomerase Activity in Senescent Human T Cells Upon Genetic Modification	Lanna A	Methods Mol Biol. 2017;1514:119-126.	2017	2016/10/28	27787797
916	Is telomere length a biomarker of neurological disorders?	Thanseem I	Biomark Med. 2017 Sep;11(9):799-810.	2017	2019/1/24	30669856
917	Dysregulation of Telomere Lengths and Telomerase Activity in Myelodysplastic Syndrome	Park HS	Ann Lab Med. 2017 May;37(3):195-203.	2017	2017/2/23	28224765
918	Child mortality, hypothalamic-pituitary-adrenal axis activity and cellular aging in mothers	Barha CK	PLoS One. 2017 May 25;12(5):e0177869.	2017	2017/5/26	28542264
919	Telomere length variation in tumor cells and cancer-associated fibroblasts: potential biomarker for hepatocellular carcinoma	Ma LJ	J Pathol. 2017 Dec;243(4):407-417.	2017	2017/8/24	28833123
920	Opposing impacts on healthspan and longevity by limiting dietary selenium in telomere dysfunctional mice	Wu RT	Aging Cell. 2017 Feb;16(1):125-135.	2017	2016/9/23	27653523
921	Rho GDP-dissociation inhibitor α is a potential prognostic biomarker and controls telomere regulation in colorectal cancer	Huang D	Cancer Sci. 2017 Jul;108(7):1293-1302.	2017	2017/4/19	28417530
922	Impact of Antiretroviral Treatment Containing Tenofovir Difumarate on the Telomere Length of Aviremic HIV-Infected Patients	Montejano R	J Acquir Immune Defic Syndr. 2017 Sep 1;76(1):102-109.	2017	2017/4/19	28418989
923	Identification of miR-31-5p, miR-141-3p, miR-200c-3p, and GLT1 as human liver aging markers sensitive to donor-recipient age-mismatch in transplants	Capri M	Aging Cell. 2017 Apr;16(2):262-272.	2017	2016/12/21	27995756
924	Regulation of TERRA on telomeric and mitochondrial functions in IPF pathogenesis	Gao Y	BMC Pulm Med. 2017 Dec 2;17(1):163.	2017	2017/12/4	29197377

925	Short lung transplant donor telomere length is associated with decreased CLAD-free survival	Faust HE	Thorax. 2017 Nov;72(11):1052-1054.	2017	2017/4/28	28446663
926	Damage-Associated molecular pattern markers HMGB1 and cell-Free fetal telomere fragments in oxidative-Stressed amnion epithelial cell-Derived exosomes	Sheller-Miller S	J Reprod Immunol. 2017 Sep;123:3-11.	2017	2017/9/1	28858636
927	Serum C-Reactive Protein and Congestive Heart Failure as Significant Predictors of Herpes Zoster Vaccine Response in Elderly Nursing Home Residents	Verschoor CP	J Infect Dis. 2017 Jul 15;216(2):191-197.	2017	2017/8/26	28838148
928	Moderate-to-severe obstructive sleep apnea is associated with telomere lengthening	Polonis K	Am J Physiol Heart Circ Physiol. 2017 Nov 1;313(5):H1022-H1030.	2017	2017/8/21	28822964
929	Visualization of aging-associated chromatin alterations with an engineered TALE system	Ren R	Cell Res. 2017 Apr;27(4):483-504.	2017	2017/2/1	28139645
930	The FTO rs9939609 polymorphism is associated with short leukocyte telomere length in nonobese individuals	Yu JH	Medicine (Baltimore). 2017 Jul;96(30):e7565.	2017	2017/7/27	28746203
931	Telomere shortening triggers a feedback loop to enhance end protection	Yang CW	Nucleic Acids Res. 2017 Aug 21;45(14):8314-8328.	2017	2017/6/3	28575419
932	Telomere-driven diseases and telomere-targeting therapies	Martínez P	J Cell Biol. 2017 Apr 3;216(4):875-887.	2017	2017/3/4	28254828
933	Prediagnosis Leukocyte Telomere Length and Risk of Ovarian Cancer	Yang M	Cancer Epidemiol Biomarkers Prev. 2017 Mar;26(3):339-345.	2017	2017/2/18	28209595
934	Telomere length and procedural justice predict stress reactivity responses to unfair outcomes in African Americans	Lucas T	Psychoneuroendocrinology. 2017 Dec;86:104-109.	2017	2017/9/23	28938175
935	PRL-3 promotes telomere deprotection and chromosomal instability	Lian S	Nucleic Acids Res. 2017 Jun 20;45(11):6546-6571.	2017	2017/5/9	28482095
936	Telomere length, COPD and emphysema as risk factors for lung cancer	de-Torres JP	Eur Respir J. 2017 Jan 3;49(1):1601521.	2017	2017/1/4	28049172
937	Telomeres in ICF syndrome cells are vulnerable to DNA damage due to elevated DNA:RNA hybrids	Sagie S	Nat Commun. 2017 Jan 24;8:14015.	2017	2017/1/25	28117327
938	Plasma vitamin D biomarkers and leukocyte telomere length in men	Julin B	Eur J Nutr. 2017 Mar;56(2):501-508.	2017	2015/11/13	26558766
939	Major depressive disorder mediates accelerated aging in rats subjected to chronic mild stress	Xie X	Behav Brain Res. 2017 Jun 30;329:96-103.	2017	2017/4/27	28442351
940	[Telomere Length, Expression of MRE11 and Ku80 in Patients with Aplastic Anemia and Their Correlation with Pathogenesis]	Wang Y	Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2017 Apr;25(2):503-509.	2017	2017/4/28	28446302

941	Transferrin saturation concentrations associated with telomeric ageing: a population-based study	Shin C	Br J Nutr. 2017 Jun;117(12):1693-1701.	2017	2017/7/20	28720163
942	Critically short telomeres and toxicity of chemotherapy in early breast cancer	Quintela-Fandino M	Oncotarget. 2017 Mar 28;8(13):21472-21482.	2017	2017/4/21	28423524
943	Leukocyte telomere length in mild cognitive impairment and Alzheimer's disease patients	Scarabino D	Exp Gerontol. 2017 Nov;98:143-147.	2017	2017/8/23	28827085
944	Telomere length analysis in monoclonal B-cell lymphocytosis and chronic lymphocytic leukemia Binet A	Furtado FM	Braz J Med Biol Res. 2017 Apr 13;50(5):e6019.	2017	2017/4/20	28423121
945	Telomere Length in Leukocyte DNA in Gastric Cancer Patients and its Association with Clinicopathological Features and Prognosis	Tahara T	Anticancer Res. 2017 Apr;37(4):1997-2001.	2017	2017/4/5	28373473
946	Impact of chronic blood viral infection on lymphocyte telomere length in Chornobyl clean-up workers in a remote period after radiation exposure	Ilienko IM	Probl Radiac Med Radiobiol. 2017 Dec;22:372-381.	2017	2017/12/30	29286521
947	Telomere Length and Risk of Hepatocellular Carcinoma: A Nested Case-control Study in Taiwan Cancer Screening Program Cohort	Zeng H	Anticancer Res. 2017 Feb;37(2):637-644.	2017	2017/2/10	28179311
948	Telomere length, ATM mutation status and cancer risk in Ataxia-Telangiectasia families	Renault AL	Carcinogenesis. 2017 Oct 1;38(10):994-1003.	2017	2017/10/6	28981872
949	rs9939609 FTO genotype associations with FTO methylation level influences body mass and telomere length in an Australian rural population	Zhou Y	Int J Obes (Lond). 2017 Sep;41(9):1427-1433.	2017	2017/6/1	28559540
950	Rad6-Bre1-mediated H2B ubiquitination regulates telomere replication by promoting telomere-end resection	Wu Z	Nucleic Acids Res. 2017 Apr 7;45(6):3308-3322.	2017	2017/2/10	28180293
951	Short leukocyte telomere length, alone and in combination with smoking, contributes to increased risk of gastric cancer or esophageal squamous cell carcinoma	Pan W	Carcinogenesis. 2017 Jan;38(1):12-18.	2017	2016/11/3	27797826
952	Rnr1, but not Rnr3, facilitates the sustained telomerase-dependent elongation of telomeres	Maicher A	PLoS Genet. 2017 Oct 25;13(10):e1007082.	2017	2017/10/26	29069086
953	Consequences of acute oxidative stress in Leishmania amazonensis: From telomere shortening to the selection of the fittest parasites	da Silva MS	Biochim Biophys Acta Mol Cell Res. 2017 Jan;1864(1):138-150.	2017	2016/11/13	27836509
954	Telomere erosion in NF1 tumorigenesis	Jones RE	Oncotarget. 2017 Jun 20;8(25):40132-40139.	2017	2017/4/29	28454108
955	Mutual reinforcement between telomere capping and canonical Wnt signalling in the intestinal stem cell niche	Yang TB	Nat Commun. 2017 Mar 17;8:14766.	2017	2017/3/18	28303901
956	Sequential phosphorylation of CST subunits by different cyclin-Cdk1 complexes orchestrate telomere replication	Gopalakrishnan V	Cell Cycle. 2017 Jul 3;16(13):1271-1287.	2017	2017/6/27	28650257

957	Mutations in the promoter of the telomerase gene TERT contribute to tumorigenesis by a two-step mechanism	Chiba K	Science. 2017 Sep 29;357(6358):1416-1420.	2017	2017/8/19	28818973
958	Impact of telomere length on the outcome of allogeneic stem cell transplantation for poor-risk chronic lymphocytic leukaemia: results from the GCLLSG CLL3X trial	Scheffold A	Br J Haematol. 2017 Oct;179(2):342-346.	2017	2016/7/9	27391907
959	[Cisplatin-induced apoptotic endonuclease EndoG inhibits telomerase activity and causes malignant transformation of human CD4+ T lymphocytes]	Zhdanov DD	Biomed Khim. 2017 Jan;63(1):13-26.	2017	2017/3/3	28251947
960	The cellular senescence of leukemia-initiating cells from acute lymphoblastic leukemia is postponed by β-Arrestin1 binding with P300-Sp1 to regulate hTERT transcription	Liu S	Cell Death Dis. 2017 Apr 20;8(4):e2756.	2017	2017/4/21	28425985
961	Human mesenchymal stem cells with enhanced telomerase activity acquire resistance against oxidative stress-induced genomic damage	Trachana V	Cytotherapy. 2017 Jul;19(7):808-820.	2017	2017/4/30	28454681
962	Women who carry a fragile X premutation are biologically older than noncarriers as measured by telomere length	Albizua I	Am J Med Genet A. 2017 Nov;173(11):2985-2994.	2017	2017/9/24	28941155
963	Telomerase reverse transcriptase germline mutations and hepatocellular carcinoma in patients with nonalcoholic fatty liver disease	Donati B	Cancer Med. 2017 Aug;6(8):1930-1940.	2017	2017/7/6	28677271
964	Association between leukocyte telomere length and serum carotenoid in US adults	Min KB	Eur J Nutr. 2017 Apr;56(3):1045-1052.	2017	2016/1/29	26818530
965	Analyses of Selenotranscriptomes and Selenium Concentrations in Response to Dietary Selenium Deficiency and Age Reveal Common and Distinct Patterns by Tissue and Sex in Telomere-Dysfunctional Mice	Cao L	J Nutr. 2017 Oct;147(10):1858-1866.	2017	2017/9/1	28855418
966	Paired assessment of liver telomere lengths in hepatocellular cancer is a reliable predictor of disease persistence	Feng W	Biosci Rep. 2017 Mar 15;37(2):BSR20160621.	2017	2017/1/22	28108675
967	Leukocyte telomere length and renal cell carcinoma survival in two studies	Callahan CL	Br J Cancer. 2017 Aug 22;117(5):752-755.	2017	2017/7/26	28742796
968	Role of Telomeres and Telomerase in Aging and Cancer	Shay JW	Cancer Discov. 2016 Jun;6(6):584-93.	2016	2016/4/1	27029895
969	Molecular and biological hallmarks of ageing	Aunan JR	Br J Surg. 2016 Jan;103(2):e29-46.	2016	2016/1/16	26771470
970	Markers of cellular senescence. Telomere shortening as a marker of cellular senescence	Bernadotte A	Aging (Albany NY). 2016 Jan;8(1):3-11.	2016	2016/1/26	26805432
971	Changes of telomere status with aging: An update	Ishikawa N	Geriatr Gerontol Int. 2016 Mar;16 Suppl 1:30-42.	2016	2016/3/29	27018281
972	Ageing and the telomere connection: An intimate relationship with inflammation	Zhang J	Ageing Res Rev. 2016 Jan;25:55-69.	2016	2015/12/1	26616852

973	Aging of perennial cells and organ parts according to the programmed aging paradigm	Libertini G	Age (Dordr). 2016 Apr;38(2):35.	2016	2016/3/10	26957493
974	Telomeres, Reproductive Aging, and Genomic Instability During Early Development	Keefe DL	Reprod Sci. 2016 Dec;23(12):1612-1615.	2016	2016/11/9	27821557
975	Poly(ADP-Ribose) Polymerases in Aging - Friend or Foe?	Vida A	Curr Protein Pept Sci. 2016;17(7):705-712.	2016	2016/4/20	27090903
976	Telomere Attrition: A Window Into Common Mental Disorders and Cellular Aging	Reynolds CF 3rd	Am J Psychiatry. 2016 Jun 1;173(6):556-8.	2016	2016/6/2	27245186
977	[Molecular bases of cellular senescence: Hayflick phenomenon 50 years later]	Sosińska P	Postepy Hig Med Dosw (Online). 2016 Mar 17;70:231-42.	2016	2016/4/28	27117098
978	Insomnia and Telomere Length in Older Adults	Carroll JE	Sleep. 2016 Mar 1;39(3):559-64.	2016	2015/12/31	26715231
979	Possible Interventions to Modify Aging	Libertini G	Biochemistry (Mosc). 2016 Dec;81(12):1413-1428.	2016	2017/3/6	28259119
980	Does Telomere Shortening Precede the Onset of Hypertension in Spontaneously Hypertensive Mice?	Chiu CL	Twin Res Hum Genet. 2016 Oct;19(5):422-9.	2016	2016/8/13	27515284
981	Nutrition and lifestyle in healthy aging: the telomerase challenge	Boccardi V	Aging (Albany NY). 2016 Jan;8(1):12-5.	2016	2016/1/31	26826704
982	Early-Life Intelligence Predicts Midlife Biological Age	Schaefer JD	J Gerontol B Psychol Sci Soc Sci. 2016 Nov;71(6):968-977.	2016	2015/5/28	26014827
983	We All Get Older (Hopefully!) Is It Our Age, Our Genes, or Something Else? Do Telomeres "Tell It All"?	Cohen HV	J N J Dent Assoc. 2016 Summer;87(3):18-19.	2016	2018/10/6	30289640
984	Lifelong leukocyte telomere dynamics and survival in a free-living mammal	Fairlie J	Aging Cell. 2016 Feb;15(1):140-8.	2016	2015/11/3	26521726
985	Platinum(II) phenanthroimidazole G-quadruplex ligand induces selective telomere shortening in A549 cancer cells	Mancini J	Biochimie. 2016 Feb;121:287-97.	2016	2016/1/3	26724375
986	Metabolomics profiling reveals novel markers for leukocyte telomere length	Zierer J	Aging (Albany NY). 2016 Jan;8(1):77-94.	2016	2016/1/23	26797767
987	Telomere correlations during early life in a long-lived seabird	Schmidt JE	Exp Gerontol. 2016 Dec 1;85:28-32.	2016	2016/9/17	27633529
988	Telomere length covaries with personality in wild brown trout	Adriaenssens B	Physiol Behav. 2016 Oct 15;165:217-22.	2016	2016/7/30	27470185

989	Disc cell senescence in intervertebral disc degeneration: Causes and molecular pathways	Feng C	Cell Cycle. 2016 Jul 2;15(13):1674-84.	2016	2016/5/19	27192096
990	DNA damage markers in dermal fibroblasts in vitro reflect chronological donor age	Waaijer ME	Aging (Albany NY). 2016 Jan;8(1):147-57.	2016	2016/2/3	26830451
991	Telomeres and Pace of Aging in the Developing World	Baig S	J Coll Physicians Surg Pak. 2016 Sep;26(9):729-30.	2016	2016/9/28	27671173
992	Age and Heat Stress as Determinants of Telomere Length in a Long-Lived Fish, the Siberian Sturgeon	Simide R	Physiol Biochem Zool. 2016 Sep-Oct;89(5):441-7.	2016	2016/9/13	27617363
993	Long-Term Effects of Radiation Exposure and Metabolic Status on Telomere Length of Peripheral Blood T Cells in Atomic Bomb Survivors	Yoshida K	Radiat Res. 2016 Oct;186(4):367-376.	2016	2016/9/15	27626826
994	[Mechanism of mitotic cell death during telomere crisis]	Hayashi MT	Seikagaku. 2016 Dec;88(6):756-60.	2016	2018/4/7	29624350
995	Urban environment shortens telomere length in nestling great tits, Parus major	Salmón P	Biol Lett. 2016 Jun;12(6):20160155.	2016	2016/6/16	27303051
996	Lower Extremity Muscular Strength and Leukocyte Telomere Length: Implications of Muscular Strength in Attenuating Age-Related Chronic Disease	Loprinzi PD	J Phys Act Health. 2016 Apr;13(4):454-7.	2016	2015/8/28	26314088
997	Short communication: Ovine leukocyte telomere length is associated with variation in the cortisol response to systemic bacterial endotoxin challenge	Yip L	J Dairy Sci. 2016 Apr;99(4):3157-3161.	2016	2016/1/26	26805999
998	Sensitivity of primary fibroblasts in culture to atmospheric oxygen does not correlate with species lifespan	Patrick A	Aging (Albany NY). 2016 May;8(5):841-7.	2016	2016/5/11	27163160
999	Perceived neighborhood problems are associated with shorter telomere length in African American women	Gebreab SY	Psychoneuroendocrinology. 2016 Jul;69:90-7.	2016	2016/4/13	27070760
1000	Estimating Telomere Length Heritability in an Unrelated Sample of Adults: Is Heritability of Telomere Length Modified by Life Course Socioeconomic Status?	Faul JD	Biodemography Soc Biol. 2016;62(1):73-86.	2016	2016/4/7	27050034
1001	Disposable Soma Theory and the Evolution of Maternal Effects on Ageing	van den Heuvel J	PLoS One. 2016 Jan 11;11(1):e0145544.	2016	2016/1/12	26752635
1002	Telomere Dysfunction and Senescence-associated Pathways in Bronchiectasis	Birch J	Am J Respir Crit Care Med. 2016 Apr 15;193(8):929-32.	2016	2016/4/16	27082536
1003	Toward a mechanistic understanding of psychosocial factors in telomere degradation	Mathur MB	Brain Behav Immun. 2016 Aug;56:413.	2016	2016/4/27	27112382
1004	The Aging Epigenome	Booth LN	Mol Cell. 2016 Jun 2;62(5):728-44.	2016	2016/6/4	27259204

1005	Sirtuins, Cell Senescence, and Vascular Aging	Kida Y	Can J Cardiol. 2016 May;32(5):634-41.	2016	2016/3/8	26948035
1006	Telomere length: A possible link between phthalate exposure and cancer development?	Cai Q	EBioMedicine. 2016 Apr;6:6-7.	2016	2016/5/24	27211533
1007	Nutrients, foods, dietary patterns and telomere length: Update of epidemiological studies and randomized trials	Freitas-Simoes TM	Metabolism. 2016 Apr;65(4):406-15.	2016	2016/3/16	26975532
1008	Telomere Length in Aged Mayak PA Nuclear Workers Chronically Exposed to Internal Alpha and External Gamma Radiation	Scherthan H	Radiat Res. 2016 Jun;185(6):658-67.	2016	2016/6/25	27340887
1009	Short-term dietary restriction in old zebrafish changes cell senescence mechanisms	Arslan-Ergul A	Neuroscience. 2016 Oct 15;334:64-75.	2016	2016/8/1	27475251
1010	Number of Children and Telomere Length in Women: A Prospective, Longitudinal Evaluation	Barha CK	PLoS One. 2016 Jan 5;11(1):e0146424.	2016	2016/1/6	26731744
1011	The importance of sleep in the association between perceived stress and telomere length	Tempaku PF	Brain Behav Immun. 2016 Aug;56:412.	2016	2016/4/27	27112383
1012	Age-related arterial telomere uncapping and senescence is greater in women compared with men	Walker AE	Exp Gerontol. 2016 Jan;73:65-71.	2016	2015/11/26	26602606
1013	Generation of mice with longer and better preserved telomeres in the absence of genetic manipulations	Varela E	Nat Commun. 2016 Jun 2;7:11739.	2016	2016/6/3	27252083
1014	Telomeres in aging and disease: lessons from zebrafish	Carneiro MC	Dis Model Mech. 2016 Jul 1;9(7):737-48.	2016	2016/8/3	27482813
1015	Long term effects of radiation exposure on telomere lengths of leukocytes and its associated biomarkers among atomic-bomb survivors	Lustig A	Oncotarget. 2016 Jun 28;7(26):38988-38998.	2016	2016/4/23	27102155
1016	Trigeminal star-like platinum complexes induce cancer cell senescence through quadruplex-mediated telomere dysfunction	Zheng XH	Chem Commun (Camb). 2016 Dec 1;52(98):14101-14104.	2016	2016/11/19	27858019
1017	Lifespan adversity and later adulthood telomere length in the nationally representative US Health and Retirement Study	Puterman E	Proc Natl Acad Sci U S A. 2016 Oct 18;113(42):E6335-E6342.	2016	2016/10/5	27698131
1018	Telomere length reflects reproductive effort indicated by corticosterone levels in a long-lived seabird	Bauch C	Mol Ecol. 2016 Nov;25(22):5785-5794.	2016	2016/10/4	27696588
1019	Circulating cell-free DNA, telomere length and bilirubin in the Vienna Active Ageing Study: exploratory analysis of a randomized, controlled trial	Tosevska A	Sci Rep. 2016 Dec 1;6:38084.	2016	2016/12/2	27905522
1020	Discrimination, mental health, and leukocyte telomere length among African American men	Chae DH	Psychoneuroendocrinology. 2016 Jan;63:10-6.	2016	2015/9/24	26398001

1021	[The role of p53 induced cellular senescence in age related disorders]	Katsuumi G	Nihon Rinsho. 2016 Sep;74(9):1491-1496.	2016	2018/12/18	30557482
1022	Telomere Length Measurement in Different Ocular Structures: A Potential Implication in Corneal Endothelium Pathogenesis	Drigeard Desgarnier MC	Invest Ophthalmol Vis Sci. 2016 Oct 1;57(13):5547-5555.	2016	2016/10/22	27768793
1023	[Regulation of senescence by telomeres and telomerase]	Hayashi MT	Nihon Rinsho. 2016 Sep;74(9):1485-1490.	2016	2018/12/18	30557481
1024	Telomere Length and the Cancer-Atherosclerosis Trade-Off	Stone RC	PLoS Genet. 2016 Jul 7;12(7):e1006144.	2016	2016/7/9	27386863
1025	Body mass index and leukocyte telomere length dynamics among older adults: Results from the ESTHER cohort	Müezzinler A	Exp Gerontol. 2016 Feb;74:1-8.	2016	2015/12/15	26657493
1026	Perceived stress and telomere length: A systematic review, meta-analysis, and methodologic considerations for advancing the field	Mathur MB	Brain Behav Immun. 2016 May;54:158-169.	2016	2016/2/9	26853993
1027	Short Telomeres in Key Tissues Initiate Local and Systemic Aging in Zebrafish	Carneiro MC	PLoS Genet. 2016 Jan 20;12(1):e1005798.	2016	2016/1/21	26789415
1028	Leukocyte telomere length is related to appendicular lean mass: cross-sectional data from the Berlin Aging Study II (BASE-II)	Meyer A	Am J Clin Nutr. 2016 Jan;103(1):178-83.	2016	2015/12/18	26675777
1029	Telomere length in subjects with schizophrenia, their unaffected siblings and healthy controls: Evidence of accelerated aging	Czepielewski LS	Schizophr Res. 2016 Jul;174(1-3):39-42.	2016	2016/5/2	27131910
1030	Homologous recombination-dependent repair of telomeric DSBs in proliferating human cells	Mao P	Nat Commun. 2016 Jul 11;7:12154.	2016	2016/7/12	27396625
1031	Interactions between parental traits, environmental harshness and growth rate in determining telomere length in wild juvenile salmon	McLennan D	Mol Ecol. 2016 Nov;25(21):5425-5438.	2016	2016/9/24	27662635
1032	Meta-analysis of Telomere Length in Alzheimer's Disease	Forero DA	J Gerontol A Biol Sci Med Sci. 2016 Aug;71(8):1069-73.	2016	2016/4/20	27091133
1033	Shortened telomere length in bipolar disorder: a comparison of the early and late stages of disease	Barbé-Tuana FM	Braz J Psychiatry. 2016 Oct-Dec;38(4):281-286.	2016	2016/11/1	27798713
1034	Senescence associated secretory phenotype profile from primary lung mice fibroblasts depends on the senescence induction stimuli	Maciel-Barón LA	Age (Dordr). 2016 Feb;38(1):26.	2016	2016/2/13	26867806
1035	[Targeting of senescence and metabolic disorders]	Takahashi K	Nihon Rinsho. 2016 Sep;74(9):1513-1517.	2016	2018/12/18	30557486
1036	Longitudinal decline of leukocyte telomere length in old age and the association with sex and genetic risk	Berglund K	Aging (Albany NY). 2016 Jul;8(7):1398-415.	2016	2016/7/9	27391763

1037	Parallel telomere shortening in multiple body tissues owing to malaria infection	Asghar M	Proc Biol Sci. 2016 Aug 17;283(1836):20161184.	2016	2016/8/5	27488651
1038	Increased attrition of leukocyte telomere length in young adults is associated with poorer cognitive function in midlife	Cohen-Manheim I	Eur J Epidemiol. 2016 Feb;31(2):147-57.	2016	2015/6/17	26076919
1039	Telomere length and health outcomes: A two-sample genetic instrumental variables analysis	Hamad R	Exp Gerontol. 2016 Sep;82:88-94.	2016	2016/6/21	27321645
1040	Generating Late-Onset Human iPSC-Based Disease Models by Inducing Neuronal Age-Related Phenotypes through Telomerase Manipulation	Vera E	Cell Rep. 2016 Oct 18;17(4):1184-1192.	2016	2016/10/21	27760320
1041	Resistance training and redox homeostasis: Correlation with age-associated genomic changes	Dimauro I	Redox Biol. 2016 Dec;10:34-44.	2016	2016/11/7	27687219
1042	Early and recent psychosocial stress and telomere length in older adults	Schaakxs R	Int Psychogeriatr. 2016 Mar;28(3):405-13.	2016	2015/8/13	26265356
1043	Cellular lifespan and senescence: a complex balance between multiple cellular pathways	Dolivo D	Bioessays. 2016 Jul;38 Suppl 1:S33-44.	2016	2016/7/16	27417120
1044	Relative Leukocyte Telomere Length, Hematological Parameters and Anemia - Data from the Berlin Aging Study II (BASE-II)	Meyer A	Gerontology. 2016;62(3):330-6.	2016	2016/1/29	26820977
1045	Gene dosage reductions of Trf1 and/or Tin2 induce telomere DNA damage and lymphoma formation in aging mice	Hartmann K	Leukemia. 2016 Mar;30(3):749-53.	2016	2015/7/3	26135248
1046	Hypermethylation of FOXP3 Promoter and Premature Aging of the Immune System in Female Patients with Panic Disorder?	Prelog M	PLoS One. 2016 Jun 30;11(6):e0157930.	2016	2016/7/1	27362416
1047	Telomere length in Parkinson's disease: A meta-analysis	Forero DA	Exp Gerontol. 2016 Mar;75:53-5.	2016	2016/1/17	26772888
1048	Association between Snoring and Leukocyte Telomere Length	Shin C	Sleep. 2016 Apr 1;39(4):767-72.	2016	2015/12/31	26715224
1049	Telomere dysfunction in alveolar epithelial cells causes lung remodeling and fibrosis	Naikawadi RP	JCI Insight. 2016 Sep 8;1(14):e86704.	2016	2016/10/5	27699234
1050	Mediterranean diet and telomere length in high cardiovascular risk subjects from the PREDIMED-NAVARRA study	García-Calzón S	Clin Nutr. 2016 Dec;35(6):1399-1405.	2016	2016/4/17	27083496
1051	Emotions and family interactions in childhood: Associations with leukocyte telomere length emotions, family interactions, and telomere length	Robles TF	Psychoneuroendocrinology. 2016 Jan;63:343-50.	2016	2015/11/10	26551267
1052	A Cross-Sectional Study of Ageing and Cardiovascular Function over the Baboon Lifespan	Yeung KR	PLoS One. 2016 Jul 18;11(7):e0159576.	2016	2016/7/19	27427971

1053	Role of the ESCRT Complexes in Telomere Biology	Dieckmann AK	mBio. 2016 Nov 8;7(6):e01793-16.	2016	2016/11/12	27834202
1054	SMARCAL1 Resolves Replication Stress at ALT Telomeres	Cox KE	Cell Rep. 2016 Feb 9;14(5):1032-1040.	2016	2016/2/3	26832416
1055	Neuroprotective effects of the catalytic subunit of telomerase: A potential therapeutic target in the central nervous system	González-Giraldo Y	Ageing Res Rev. 2016 Jul;28:37-45.	2016	2016/4/21	27095058
1056	Investigating the associations between adiposity, life course overweight trajectories, and telomere length	Wulaningsih W	Aging (Albany NY). 2016 Sep 18;8(11):2689-2701.	2016	2016/9/22	27650676
1057	Human age estimation from blood using mRNA, DNA methylation, DNA rearrangement, and telomere length	Zubakov D	Forensic Sci Int Genet. 2016 Sep;24:33-43.	2016	2016/6/12	27288716
1058	Leukocyte telomere length pattern in a Chuvash population that experienced mass famine in 1922-1923: a retrospective cohort study	Kobyliansky E	Am J Clin Nutr. 2016 Nov;104(5):1410-1415.	2016	2016/10/14	27733399
1059	The association between telomere length and cancer risk in population studies	Zhu X	Sci Rep. 2016 Feb 26;6:22243.	2016	2016/2/27	26915412
1060	Is telomere length a molecular marker of past thermal stress in wild fish?	Debes PV	Mol Ecol. 2016 Nov;25(21):5412-5424.	2016	2016/9/24	27662607
1061	[Energy and glucose metabolism in the elderly]	Ito H	Nihon Rinsho. 2016 Apr;74 Suppl 2:529-36.	2016	2016/6/9	27266147
1062	Embryonic and postnatal telomere length decrease with ovulation order within clutches	Noguera JC	Sci Rep. 2016 May 13;6:25915.	2016	2016/5/14	27174767
1063	Assessment of Telomere Length in Archived Formalin-Fixed, Paraffinized Human Tissue Is Confounded by Chronological Age and Storage Duration	Kong PL	PLoS One. 2016 Sep 6;11(9):e0161720.	2016	2016/9/7	27598341
1064	TERRA promotes telomerase-mediated telomere elongation in Schizosaccharomyces pombe	Moravec M	EMBO Rep. 2016 Jul;17(7):999-1012.	2016	2016/5/8	27154402
1065	Preparation of 6/8/11-Amino/Chloro-Oxoisoaporphine and Group-10 Metal Complexes and Evaluation of Their in Vitro and in Vivo Antitumor Activity	Qin QP	Sci Rep. 2016 Nov 29;6:37644.	2016	2016/11/30	27898051
1066	Air Pollution Stress and the Aging Phenotype: The Telomere Connection	Martens DS	Curr Environ Health Rep. 2016 Sep;3(3):258-69.	2016	2016/7/1	27357566
1067	Telomeres, NAFLD and Chronic Liver Disease	Donati B	Int J Mol Sci. 2016 Mar 15;17(3):383.	2016	2016/3/22	26999107
1068	Telomeres are elongated in older individuals in a hibernating rodent, the edible dormouse (Glis glis)	Hoelzl F	Sci Rep. 2016 Nov 24;6:36856.	2016	2016/11/25	27883035

1069	Both Complexity and Location of DNA Damage Contribute to Cellular Senescence Induced by Ionizing Radiation	Zhang X	PLoS One. 2016 May 17;11(5):e0155725.	2016	2016/5/18	27187621
1070	Religious Involvement and Telomere Length in Women Family Caregivers	Koenig HG	J Nerv Ment Dis. 2016 Jan;204(1):36-42.	2016	2015/12/17	26669979
1071	Telomere length elongation after weight loss intervention in obese adults	Carulli L	Mol Genet Metab. 2016 Jun;118(2):138-42.	2016	2016/5/10	27157420
1072	Telomere length and periodontal attachment loss: a prospective cohort study	Thomson WM	J Clin Periodontol. 2016 Feb;43(2):121-7.	2016	2015/12/30	26713854
1073	Telomere attrition and restoration in the normal teleost Oryzias latipes are linked to growth rate and telomerase activity at each life stage	Hatakeyama H	Aging (Albany NY). 2016 Jan;8(1):62-76.	2016	2016/1/21	26789258
1074	Influence of exposure to pesticides on telomere length in tobacco farmers: A biology system approach	Kahl VFS	Mutat Res. 2016 Sep-Oct;791-792:19-26.	2016	2016/8/28	27566293
1075	The Genetic Basis of Natural Variation in Caenorhabditis elegans Telomere Length	Cook DE	Genetics. 2016 Sep;204(1):371-83.	2016	2016/7/25	27449056
1076	How Do Growth and Sibling Competition Affect Telomere Dynamics in the First Month of Life of Long-Lived Seabird?	Mizutani Y	PLoS One. 2016 Nov 30;11(11):e0167261.	2016	2016/12/1	27902754
1077	Short telomere length and its correlation with gene mutations in myelodysplastic syndrome	Hwang SM	J Hematol Oncol. 2016 Jul 28;9(1):62.	2016	2016/7/29	27465399
1078	Mode-specific physical activity and leukocyte telomere length among U.S. adults: Implications of running on cellular aging	Loprinzi PD	Prev Med. 2016 Apr;85:17-19.	2016	2016/1/23	26794045
1079	Psychological Profiles in the Prediction of Leukocyte Telomere Length in Healthy Individuals	Starnino L	PLoS One. 2016 Oct 27;11(10):e0165482.	2016	2016/10/28	27788238
1080	Dimensions of religious involvement and leukocyte telomere length	Hill TD	Soc Sci Med. 2016 Aug;163:168-75.	2016	2016/5/14	27174242
1081	Shortened telomere length in patients with depression: A meta-analytic study	Lin PY	J Psychiatr Res. 2016 May;76:84-93.	2016	2016/2/27	26919486
1082	Insight into the molecular pathophysiology of myelodysplastic syndromes: targets for novel therapy	Zahid MF	Eur J Haematol. 2016 Oct;97(4):313-20.	2016	2016/5/6	27147278
1083	Dysfunctional telomeres induce p53-dependent and independent apoptosis to compromise cellular proliferation and inhibit tumor formation	Wang Y	Aging Cell. 2016 Aug;15(4):646-60.	2016	2016/4/27	27113195
1084	Maintenance of age in human neurons generated by microRNA-based neuronal conversion of fibroblasts	Huh CJ	Elife. 2016 Sep 20;5:e18648.	2016	2016/9/21	27644593

1085	Moderate and intense exercise lifestyles attenuate the effects of aging on telomere length and the survival and composition of T cell subpopulations	Silva LC	Age (Dordr). 2016 Feb;38(1):24.	2016	2016/2/12	26863877
1086	Cord blood telomere length in Latino infants: relation with maternal education and infant sex	Wojcicki JM	J Perinatol. 2016 Mar;36(3):235-41.	2016	2015/12/4	26633142
1087	A Natural Model of Mouse Cardiac Myocyte Senescence	Wang Z	J Cardiovasc Transl Res. 2016 Dec;9(5-6):456-458.	2016	2016/9/16	27631884
1088	Association of Leukocyte Telomere Length and Mitochondrial DNA Copy Number in Children from Salamanca, Mexico	Alegría-Torres JA	Genet Test Mol Biomarkers. 2016 Nov;20(11):654-659.	2016	2016/9/14	27622310
1089	Leukocyte telomere length positively correlates with duration of lithium treatment in bipolar disorder patients	Squassina A	Eur Neuropsychopharmacol. 2016 Jul;26(7):1241-7.	2016	2016/4/17	27084304
1090	Spermatozoa telomeres determine telomere length in early embryos and offspring	de Frutos C	Reproduction. 2016 Jan;151(1):1-7.	2016	2015/10/18	26475708
1091	TNFA gene variants related to the inflammatory status and its association with cellular aging: From the CORDIOPREV study	Rangel-Zúñiga OA	Exp Gerontol. 2016 Oct;83:56-62.	2016	2016/8/2	27477483
1092	Crack cocaine addiction, early life stress and accelerated cellular aging among women	Levandowski ML	Prog Neuropsychopharmacol Biol Psychiatry. 2016 Nov 3;71:83-9.	2016	2016/6/28	27346744
1093	DNA methylation changes in response to active smoking exposure are associated with leukocyte telomere length among older adults	Gao X	Eur J Epidemiol. 2016 Dec;31(12):1231-1241.	2016	2016/11/11	27832427
1094	Transcription factor Sp1 prevents TRF2(ΔBΔM)-induced premature senescence in human diploid fibroblasts	An HJ	Mol Cell Biochem. 2016 Mar;414(1-2):201-8.	2016	2016/2/25	26906205
1095	Role of Sirtuins in Maintenance of Genomic Stability: Relevance to Cancer and Healthy Aging	Wu X	DNA Cell Biol. 2016 Oct;35(10):542-575.	2016	2016/7/6	27380140
1096	Telomere Attrition and Elongation after Chronic Dialysis Initiation in Patients with End-Stage Renal Disease	Kato S	Blood Purif. 2016;41(1-3):25-33.	2016	2016/3/10	26960211
1097	Sugary beverage and food consumption, and leukocyte telomere length maintenance in pregnant women	Leung CW	Eur J Clin Nutr. 2016 Sep;70(9):1086-8.	2016	2016/6/16	27302671
1098	Does telomere length predict decline in physical functioning in older twin sisters during an 11-year follow-up?	Sillanpää E	Age (Dordr). 2016 Apr;38(2):34.	2016	2016/3/5	26940017
1099	Replication stress as a source of telomere recombination during replicative senescence in Saccharomyces cerevisiae	Simon MN	FEMS Yeast Res. 2016 Nov;16(7):fow085.	2016	2016/9/30	27683094
1100	Association between telomere length and diabetes mellitus: A meta-analysis	Wang J	J Int Med Res. 2016 Dec;44(6):1156-1173.	2016	2017/3/22	28322101

1101	Telomere length increase after weight loss induced by bariatric surgery: results from a 10 year prospective study	Laimer M	Int J Obes (Lond). 2016 May;40(5):773-8.	2016	2015/11/27	26607038
1102	Increased expression of telomere-regulating genes in endurance athletes with long leukocyte telomeres	Denham J	J Appl Physiol (1985). 2016 Jan 15;120(2):148-58.	2016	2015/11/21	26586905
1103	Mitochondrial metabolic failure in telomere attrition-provoked aging of bone marrow mesenchymal stem cells	Sui B	Biogerontology. 2016 Apr;17(2):267-79.	2016	2015/9/23	26392399
1104	Preferential extension of short telomeres induced by low extracellular pH	Ge Y	Nucleic Acids Res. 2016 Sep 30;44(17):8086-96.	2016	2016/5/26	27220467
1105	Oxidative guanine base damage regulates human telomerase activity	Fouquerel E	Nat Struct Mol Biol. 2016 Dec;23(12):1092-1100.	2016	2016/11/8	27820808
1106	Regulation of the Human Telomerase Gene TERT by Telomere Position Effect-Over Long Distances (TPE-OLD): Implications for Aging and Cancer	Kim W	PLoS Biol. 2016 Dec 15;14(12):e2000016.	2016	2016/12/16	27977688
1107	[Aging and hepatocarcinogenesis]	Sunakozaka H	Nihon Rinsho. 2016 Sep;74(9):1548-1553.	2016	2018/12/18	30557491
1108	Werner syndrome through the lens of tissue and tumour genomics	Tokita M	Sci Rep. 2016 Aug 25;6:32038.	2016	2016/8/26	27559010
1109	Marital disruption is associated with shorter salivary telomere length in a probability sample of older adults	Whisman MA	Soc Sci Med. 2016 May;157:60-7.	2016	2016/4/11	27062452
1110	Zscan4 Is Activated after Telomere Shortening in Mouse Embryonic Stem Cells	Nakai-Futatsugi Y	Stem Cell Reports. 2016 Apr 12;6(4):483-495.	2016	2016/3/22	26997646
1111	Association between different risk factors and vascular accelerated ageing (EVA study): study protocol for a cross-sectional, descriptive observational study	Gomez-Marcos MA	BMJ Open. 2016 Jun 7;6(6):e011031.	2016	2016/6/9	27267107
1112	Accelerated ageing and renal dysfunction links lower socioeconomic status and dietary phosphate intake	McClelland R	Aging (Albany NY). 2016 May;8(5):1135-49.	2016	2016/5/3	27132985
1113	Stressful life events and leucocyte telomere length: Do lifestyle factors, somatic and mental health, or low grade inflammation mediate this relationship? Results from a cohort of Danish men born in 1953	Osler M	Brain Behav Immun. 2016 Nov;58:248-253.	2016	2016/7/30	27470228
1114	Telomere Length as a Prognostic Factor for Overall Survival in Colorectal Cancer Patients	Jia H	Cell Physiol Biochem. 2016;38(1):122-8.	2016	2016/1/8	26741140
1115	Dual SMAD Signaling Inhibition Enables Long-Term Expansion of Diverse Epithelial Basal Cells	Mou H	Cell Stem Cell. 2016 Aug 4;19(2):217-231.	2016	2016/6/21	27320041
1116	Variation in the oxytocin receptor gene moderates the protective effects of a family-based prevention program on telomere length	Smearman EL	Brain Behav. 2016 Jan 17;6(2):e00423.	2016	2016/4/26	27110446

1117	Differential senescence in feto-maternal tissues during mouse pregnancy	Bonney EA	Placenta. 2016 Jul;43:26-34.	2016	2016/6/22	27324096
1118	Are Anxiety Disorders Associated with Accelerated Aging? A Focus on Neuroprogression	Perna G	Neural Plast. 2016;2016:8457612.	2016	2016/2/17	26881136
1119	[Aging and kidney disease]	Wakino S	Nihon Rinsho. 2016 Sep;74(9):1531-1540.	2016	2018/12/18	30557489
1120	Age intrinsic loss of telomere protection via TRF1 reduction in endothelial cells	Hohensinner PJ	Biochim Biophys Acta. 2016 Feb;1863(2):360-7.	2016	2015/12/15	26658719
1121	Telomere length and telomere repeating factors: Cellular markers for post-traumatic stress disorder-like model	Dong Y	J Affect Disord. 2016 May;195:156-62.	2016	2016/2/21	26896808
1122	Association of Donor and Recipient Telomere Length with Clinical Outcomes following Lung Transplantation	Courtwright AM	PLoS One. 2016 Sep 2;11(9):e0162409.	2016	2016/9/3	27589328
1123	Associations of Buccal Cell Telomere Length with Daily Intake of β-Carotene or α-Tocopherol Are Dependent on Carotenoid Metabolism-related Gene Polymorphisms in Healthy Japanese Adults	Yabuta S	J Nutr Health Aging. 2016 Mar;20(3):267-74.	2016	2016/2/20	26892575
1124	Telomere Length Maintenance and Cardio-Metabolic Disease Prevention Through Exercise Training	Denham J	Sports Med. 2016 Sep;46(9):1213-37.	2016	2016/2/26	26914269
1125	Telomere length, antioxidant status and incidence of ischaemic heart disease in type 2 diabetes	Masi S	Int J Cardiol. 2016 Aug 1;216:159-64.	2016	2016/5/9	27156058
1126	Double faced role of human mesenchymal stem cells and their role challenges in cancer therapy	Serakinci N	Curr Stem Cell Res Ther. 2016;11(4):343-51.	2016	2016/2/3	26832140
1127	Shorter telomeres correlate with an increase in the number of uniparental disomies in patients with chronic lymphocytic leukemia	Sellmann L	Leuk Lymphoma. 2016;57(3):590-5.	2016	2015/10/13	26457386
1128	Delay discounting, genetic sensitivity, and leukocyte telomere length	Yim OS	Proc Natl Acad Sci U S A. 2016 Mar 8;113(10):2780-5.	2016	2016/2/24	26903639
1129	Cellular Senescence and Vascular Disease: Novel Routes to Better Understanding and Therapy	Yin H	Can J Cardiol. 2016 May;32(5):612-23.	2016	2016/4/5	27040096
1130	Maternal adiposity and infancy growth predict later telomere length: a longitudinal cohort study	Guzzardi MA	Int J Obes (Lond). 2016 Jul;40(7):1063-9.	2016	2016/4/23	27102052
1131	Telomere attrition in beta and alpha cells with age	Tamura Y	Age (Dordr). 2016 Jun;38(3):61.	2016	2016/5/25	27216158
1132	A POT1 mutation implicates defective telomere end fill-in and telomere truncations in Coats plus	Takai H	Genes Dev. 2016 Apr 1;30(7):812-26.	2016	2016/3/26	27013236

1133	Multiple myeloma causes clonal T-cell immunosenescence: identification of potential novel targets for promoting tumour immunity and implications for checkpoint blockade	Suen H	Leukemia. 2016 Aug;30(8):1716-24.	2016	2016/4/23	27102208
1134	Genetics of melanoma progression: the rise and fall of cell senescence	Bennett DC	Pigment Cell Melanoma Res. 2016 Mar;29(2):122-40.	2016	2015/9/20	26386262
1135	Telomere length in non-neoplastic gastric mucosa and its relationship to H. pylori infection, degree of gastritis, and NSAID use	Tahara T	Clin Exp Med. 2016 Feb;16(1):65-71.	2016	2015/1/8	25563818
1136	The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence	Burla R	Open Biol. 2016 Aug;6(8):160103.	2016	2016/8/12	27512140
1137	Telomere shortening leads to earlier age of onset in ALS mice	Linkus B	Aging (Albany NY). 2016 Feb;8(2):382-93.	2016	2016/3/16	26978042
1138	The use of telomere length as a predictive biomarker for injury prognosis in juvenile rats following a concussion/mild traumatic brain injury	Hehar H	Neurobiol Dis. 2016 Mar;87:11-8.	2016	2015/12/29	26709201
1139	Sex-Specific Association between Longitudinal Changes in Adiposity, FTO rs9939609 Polymorphism, and Leukocyte Telomere Length	Shin C	J Am Coll Nutr. 2016;35(3):245-54.	2016	2015/8/12	26260984
1140	Tet Enzymes Regulate Telomere Maintenance and Chromosomal Stability of Mouse ESCs	Yang J	Cell Rep. 2016 May 24;15(8):1809-21.	2016	2016/5/18	27184841
1141	Telomere Length and Coronary Atherosclerosis in Rheumatoid Arthritis	Ormseth MJ	J Rheumatol. 2016 Aug;43(8):1469-74.	2016	2016/6/3	27252422
1142	Telomere Dysfunction in Nonalcoholic Fatty Liver Disease and Cryptogenic Cirrhosis	Laish I	Cytogenet Genome Res. 2016;150(2):93-99.	2016	2016/12/23	28006764
1143	Telomere dynamics during aging in polygenic left ventricular hypertrophy	Marques FZ	Physiol Genomics. 2016 Jan;48(1):42-9.	2016	2015/10/29	26508703
1144	Shorter telomere length in Europeans than in Africans due to polygenetic adaptation	Hansen ME	Hum Mol Genet. 2016 Jun 1;25(11):2324-2330.	2016	2016/3/4	26936823
1145	Telomere length shortening is associated with treatment-free remission in chronic myeloid leukemia patients	Caocci G	J Hematol Oncol. 2016 Jul 29;9(1):63.	2016	2016/7/31	27473052
1146	Change in Leukocyte Telomere Length Predicts Mortality in Patients with Stable Coronary Heart Disease from the Heart and Soul Study	Goglin SE	PLoS One. 2016 Oct 26;11(10):e0160748.	2016	2016/10/27	27783614
1147	Accelerated telomere attrition in children and teenagers with α1-antitrypsin deficiency	Escribano A	Eur Respir J. 2016 Aug;48(2):350-8.	2016	2016/7/9	27390278
1148	Relationship Between Mean Leucocyte Telomere Length and Measures of Allostatic Load in US Reproductive-Aged Women, NHANES 1999-2002	Ahrens KA	Paediatr Perinat Epidemiol. 2016 Jul;30(4):325-35.	2016	2016/2/9	26854139

1149	The molecular genetics of the telomere biology disorders	Bertuch AA	RNA Biol. 2016 Aug 2;13(8):696-706.	2016	2015/9/25	26400640
1150	Epidemiological and Mendelian Randomization Studies of Dihydrotestosterone and Estradiol and Leukocyte Telomere Length in Men	Yeap BB	J Clin Endocrinol Metab. 2016 Mar;101(3):1299-306.	2016	2016/1/21	26789780
1151	ATM mutations in major stereotyped subsets of chronic lymphocytic leukemia: enrichment in subset #2 is associated with markedly short telomeres	Navrkalova V	Haematologica. 2016 Sep;101(9):e369-73.	2016	2016/8/2	27479817
1152	The effect of the severity of obstructive sleep apnea syndrome on telomere length	Tempaku PF	Oncotarget. 2016 Oct 25;7(43):69216-69224.	2016	2016/10/1	27690344
1153	Transitions between the Arabidopsis-type and the human-type telomere sequence in green algae (clade Caudivolvoxa, Chlamydomonadales)	Fulnečková J	Chromosoma. 2016 Jun;125(3):437-51.	2016	2015/11/25	26596989
1154	Telomere Length and Survival of Patients with Hepatocellular Carcinoma in the United States	Yang B	PLoS One. 2016 Nov 23;11(11):e0166828.	2016	2016/11/24	27880792
1155	Shorter telomeres and high telomerase activity correlate with a highly aggressive phenotype in breast cancer cell lines	Ceja-Rangel HA	Tumour Biol. 2016 Sep;37(9):11917-11926.	2016	2016/4/14	27072825
1156	Deficient Activity of the Nuclease MRE11A Induces T Cell Aging and Promotes Arthritogenic Effector Functions in Patients with Rheumatoid Arthritis	Li Y	Immunity. 2016 Oct 18;45(4):903-916.	2016	2016/10/16	27742546
1157	HIF-1α and rapamycin act as gerosuppressant in multiple myeloma cells upon genotoxic stress	Coudre C	Cell Cycle. 2016 Aug 17;15(16):2174-2182.	2016	2016/6/25	27340936
1158	Early Loss of Telomerase Action in Yeast Creates a Dependence on the DNA Damage Response Adaptor Proteins	Jay KA	Mol Cell Biol. 2016 Jun 29;36(14):1908-19.	2016	2016/5/11	27161319
1159	Shorter telomeres in adults with Type 1 diabetes correlate with diabetes duration, but only weakly with vascular function and risk factors	Januszewski AS	Diabetes Res Clin Pract. 2016 Jul;117:4-11.	2016	2016/6/23	27329016
1160	Rif1 and Exo1 regulate the genomic instability following telomere losses	Xue Y	Aging Cell. 2016 Jun;15(3):553-62.	2016	2016/3/24	27004475
1161	High-resolution telomere fluorescence in situ hybridization reveals intriguing anomalies in germ cell tumors	Shekhani MT	Hum Pathol. 2016 Aug;54:106-12.	2016	2016/4/18	27085557
1162	Impact of Oxidative Stress in Premature Aging and Iron Overload in Hemodialysis Patients	Murillo-Ortiz B	Oxid Med Cell Longev. 2016;2016:1578235.	2016	2016/11/2	27800120
1163	Swi1Timeless Prevents Repeat Instability at Fission Yeast Telomeres	Gadaleta MC	PLoS Genet. 2016 Mar 18;12(3):e1005943.	2016	2016/3/19	26990647
1164	Telomere maintenance is pivotal for high-risk neuroblastoma	Hertwig F	Cell Cycle. 2016;15(3):311-2.	2016	2015/12/15	26653081

1165	PML is required for telomere stability in non-neoplastic human cells	Marchesini M	Oncogene. 2016 Apr 7;35(14):1811-21.	2016	2015/6/30	26119943
1166	Distinct Responses of Stem Cells to Telomere Uncapping-A Potential Strategy to Improve the Safety of Cell Therapy	Liu CC	Stem Cells. 2016 Oct;34(10):2471-2484.	2016	2016/6/15	27299710
1167	Alterations of telomere length and DNA methylation in hairdressers: A cross-sectional study	Li H	Environ Mol Mutagen. 2016 Mar;57(2):159-67.	2016	2015/12/7	26637967
1168	The impact of adjuvant chemotherapy in older breast cancer patients on clinical and biological aging parameters	Brouwers B	Oncotarget. 2016 May 24;7(21):29977-88.	2016	2016/4/23	27102154
1169	Kidney Allograft Telomere Length Is Not Associated with Sex, Recipient Comorbid Conditions, Post-Transplant Infections, or CMV Reactivation	Kłoda K	Ann Transplant. 2016 Jun 28;21:392-9.	2016	2016/6/29	27350315
1170	Early exclusive breastfeeding is associated with longer telomeres in Latino preschool children	Wojcicki JM	Am J Clin Nutr. 2016 Aug;104(2):397-405.	2016	2016/7/22	27440083
1171	Partial knockdown of TRF2 increase radiosensitivity of human mesenchymal stem cells	Orun O	Int J Biol Macromol. 2016 Sep;90:53-8.	2016	2015/11/25	26598048
1172	Telomerase inhibitor imetelstat has preclinical activity across the spectrum of non-small cell lung cancer oncogenotypes in a telomere length dependent manner	Frink RE	Oncotarget. 2016 May 31;7(22):31639-51.	2016	2016/5/19	27192120
1173	Age-related declines in immune response in a wild mammal are unrelated to immune cell telomere length	Beirne C	Proc Biol Sci. 2016 Feb 24;283(1825):20152949.	2016	2016/2/19	26888036
1174	Age-Dependent Changes in the Activation and Regulation of Microglia	Cornejo F	Adv Exp Med Biol. 2016;949:205-226.	2016	2016/10/8	27714691
1175	Derepression of hTERT gene expression promotes escape from oncogene-induced cellular senescence	Patel PL	Proc Natl Acad Sci U S A. 2016 Aug 23;113(34):E5024-33.	2016	2016/8/10	27503890
1176	Breast primary epithelial cells that escape p16-dependent stasis enter a telomere-driven crisis state	Feijoo P	Breast Cancer Res. 2016 Jan 13;18(1):7.	2016	2016/1/14	26758019
1177	Short Telomere Load, Telomere Length, and Subclinical Atherosclerosis: The PESA Study	Fernández-Alvira JM	J Am Coll Cardiol. 2016 May 31;67(21):2467-76.	2016	2016/5/28	27230041
1178	T-Cell Activation Independently Associates With Immune Senescence in HIV-Infected Recipients of Long-term Antiretroviral Treatment	Cobos Jiménez V	J Infect Dis. 2016 Jul 15;214(2):216-25.	2016	2016/4/14	27073222
1179	Loss of CD28 on Peripheral T Cells Decreases the Risk for Early Acute Rejection after Kidney Transplantation	Dedeoglu B	PLoS One. 2016 Mar 7;11(3):e0150826.	2016	2016/3/8	26950734
1180	Genetic Burden Analyses of Phenotypes Relevant to Aging in the Berlin Aging Study II (BASE-II)	Lill CM	Gerontology. 2016;62(3):316-22.	2016	2016/1/29	26821332

1181	Premature senescence of T-cell subsets in axial spondyloarthritis	Fessler J	Ann Rheum Dis. 2016 Apr;75(4):748-54.	2016	2015/2/18	25688074
1182	Robust reprogramming of Ataxia-Telangiectasia patient and carrier erythroid cells to induced pluripotent stem cells	Bhatt N	Stem Cell Res. 2016 Sep;17(2):296-305.	2016	2016/9/7	27596957
1183	High in vivo antitumor activity of cobalt oxoisoaporphine complexes by targeting G-quadruplex DNA, telomerase and disrupting mitochondrial functions	Qin QP	Eur J Med Chem. 2016 Nov 29;124:380-392.	2016	2016/9/7	27597414
1184	Placental telomere length decline with gestational age differs by sex and TERT, DNMT1, and DNMT3A DNA methylation	Wilson SL	Placenta. 2016 Dec;48:26-33.	2016	2016/11/23	27871469
1185	FGF21 represses cerebrovascular aging via improving mitochondrial biogenesis and inhibiting p53 signaling pathway in an AMPK-dependent manner	Wang XM	Exp Cell Res. 2016 Aug 15;346(2):147-56.	2016	2016/7/2	27364911
1186	Differential senescence capacities in meibomian gland carcinoma and basal cell carcinoma	Zhang L	Int J Cancer. 2016 Mar 15;138(6):1442-52.	2016	2015/10/6	26437300
1187	Testosterone Antagonizes Doxorubicin-Induced Senescence of Cardiomyocytes	Altieri P	J Am Heart Assoc. 2016 Jan 8;5(1):e002383.	2016	2016/1/10	26746999
1188	Telomeres and Female Reproductive Aging	Kalmbach KH	Semin Reprod Med. 2015 Nov;33(6):389-95.	2015	2015/12/3	26629734
1189	Molecular aspects of renal senescence	Schmitt R	Curr Opin Organ Transplant. 2015 Aug;20(4):412-6.	2015	2015/7/1	26126196
1190	[Telomere length, telomerase activity, stress and aging]	Spivak IM	Adv Gerontol. 2015;28(3):441-448.	2015	2017/5/17	28509478
1191	[The holy Graal of biology, or how and why do we age?]	Mikuła-Pietrasik J	Postepy Biochem. 2015;61(4):344-55.	2015	2016/4/7	27048089
1192	[Ageing: a matter of heart?]	Mialet-Perez J	Med Sci (Paris). 2015 Nov;31(11):1006-13.	2015	2015/11/19	26576608
1193	The role of telomeres and vitamin D in cellular aging and age-related diseases	Pusceddu I	Clin Chem Lab Med. 2015 Oct;53(11):1661-78.	2015	2015/3/25	25803084
1194	Molecular biomarkers for chronological age in animal ecology	Jarman SN	Mol Ecol. 2015 Oct;24(19):4826-47.	2015	2015/8/27	26308242
1195	Tissue formation and tissue engineering through host cell recruitment or a potential injectable cell-based biocomposite with replicative potential: Molecular mechanisms controlling cellular senescence and the involvement of controlled transient telomerase	Babizhayev MA	J Biomed Mater Res A. 2015 Dec;103(12):3993-4023.	2015	2015/6/3	26034007
1196	Super DNAging-New insights into DNA integrity, genome stability and telomeres in the oldest old	Franzke B	Mutat Res Rev Mutat Res. 2015 Oct-Dec;766:48-57.	2015	2015/11/25	26596548

1197	Aging as an optimization between cellular maintenance requirements and evolutionary constraints	Vanhaelen Q	Curr Aging Sci. 2015;8(1):110-9.	2015	2015/6/10	26054353
1198	Is bipolar disorder associated with accelerating aging? A meta-analysis of telomere length studies	Colpo GD	J Affect Disord. 2015 Nov 1;186:241-8.	2015	2015/8/9	26253905
1199	On telomeres long and short	Corbett N	J Psychiatry Neurosci. 2015 Jan;40(1):3-4.	2015	2014/12/19	25520162
1200	Telomerase redux: ready for prime time?	Larrick JW	Rejuvenation Res. 2015 Apr;18(2):185-7.	2015	2015/3/20	25790341
1201	Aging and magnetism: Presenting a possible new holistic paradigm for ameliorating the aging process and the effects thereof, through externally applied physiologic PicoTesla magnetic fields	Jacobson J	Med Hypotheses. 2015 Sep;85(3):276-86.	2015	2015/6/21	26092501
1202	Cardiac autonomic modulation, C-reactive protein or telomere length: which of these variables has greater importance to aging?	Perseguini NM	Int J Cardiol. 2015 Jan 15;178:79-81.	2015	2014/12/3	25464224
1203	Molecular responses in the telomere-mitochondrial axis of ageing in the elderly: a candidate gene approach	Pieters N	Mech Ageing Dev. 2015 Jan;145:51-7.	2015	2015/3/5	25736869
1204	[Telomere length and Mediterranean diet - a clear association]	Steurer J	Praxis (Bern 1994). 2015 Feb 25;104(5):255.	2015	2015/2/26	25711790
1205	A glance at ... telomeres, oxidative stress, antioxidants, and biological aging	Glade MJ	Nutrition. 2015 Nov-Dec;31(11-12):1447-51.	2015	2015/10/3	26429668
1206	The Asklepios project in perspective: the population on its way to ageing	Gillebert T	Eur Heart J. 2015 Jul 21;36(28):1787-9.	2015	2015/9/29	26413597
1207	Cellular Senescence and Inflammatory Burden as Determinants of Mortality in Elderly People Until the Extreme old age	Giacconi R	EBioMedicine. 2015 Sep 11;2(10):1316-7.	2015	2015/12/3	26629526
1208	Leukocyte Telomere Length and Cancer Risk: A Dynamic Problem	Gu J	EBioMedicine. 2015 May 9;2(6):493-4.	2015	2015/8/20	26286096
1209	Phylogeny of Aging and Related Phenoptotic Phenomena	Libertini G	Biochemistry (Mosc). 2015 Dec;80(12):1529-46.	2015	2015/12/8	26638678
1210	Decreasing initial telomere length in humans intergenerationally understates age-associated telomere shortening	Holohan B	Aging Cell. 2015 Aug;14(4):669-77.	2015	2015/5/9	25952108
1211	Putting Off the Inevitable	Hurtley S	Science. 2015 Dec 4;350(6265):1180-1.	2015	2016/1/20	26785472
1212	Reproducibility of telomere length assessment: an international collaborative study	Martin-Ruiz CM	Int J Epidemiol. 2015 Oct;44(5):1673-83.	2015	2014/9/21	25239152

1213	Aging and Systemic Lupus Erythematosus - Immunosenescence and Beyond	van den Hoogen LL	Curr Aging Sci. 2015;8(2):158-77.	2015	2015/7/28	26212055
1214	Population-specific association of genes for telomere-associated proteins with longevity in an Italian population	Crocco P	Biogerontology. 2015 Jun;16(3):353-64.	2015	2015/1/30	25631672
1215	Telomerase dysregulation in the hippocampus of a rat model of depression: normalization by lithium	Wei YB	Int J Neuropsychopharmacol. 2015 Jan 24;18(7):pyv002.	2015	2015/1/26	25618407
1216	Telomere length as a marker of sleep loss and sleep disturbances: a potential link between sleep and cellular senescence	Tempaku PF	Sleep Med. 2015 May;16(5):559-63.	2015	2015/4/20	25890781
1217	Targeted DNA damage at individual telomeres disrupts their integrity and triggers cell death	Sun L	Nucleic Acids Res. 2015 Jul 27;43(13):6334-47.	2015	2015/6/18	26082495
1218	Ageing and reproduction: antioxidant supplementation alleviates telomere loss in wild birds	Badás EP	J Evol Biol. 2015 Apr;28(4):896-905.	2015	2015/3/12	25758014
1219	Telomere G-Quadruplex as a Potential Target to Accelerate Telomere Shortening by Expanding the Incomplete End-Replication of Telomere DNA	Tan Z	Curr Top Med Chem. 2015;15(19):1940-6.	2015	2015/5/19	25980416
1220	Leukocyte Telomere Length in Young Adults Born Preterm: Support for Accelerated Biological Ageing	Smeets CC	PLoS One. 2015 Nov 30;10(11):e0143951.	2015	2015/12/1	26619005
1221	Blood Telomere Length Attrition and Cancer Development in the Normative Aging Study Cohort	Hou L	EBioMedicine. 2015 Apr 13;2(6):591-6.	2015	2015/8/20	26288820
1222	Chronographic theory of development, aging, and origin of cancer: role of chronomeres and printomeres	Olovnikov AM	Curr Aging Sci. 2015;8(1):76-88.	2015	2015/6/10	26054350
1223	Human telomere biology: A contributory and interactive factor in aging, disease risks, and protection	Blackburn EH	Science. 2015 Dec 4;350(6265):1193-8.	2015	2016/1/20	26785477
1224	Smoking habits and leukocyte telomere length dynamics among older adults: Results from the ESTHER cohort	Müezzinler A	Exp Gerontol. 2015 Oct;70:18-25.	2015	2015/8/10	26255046
1225	Predicting Risk at the End of the End: Telomere G-tail as a Biomarker	Seimiya H	EBioMedicine. 2015 Jul 4;2(8):804-5.	2015	2015/10/2	26425685
1226	Telomere length is not associated with frailty in older Chinese elderly: Cross-sectional and longitudinal analysis	Yu R	Mech Ageing Dev. 2015 Dec;152:74-9.	2015	2015/10/21	26483096
1227	Socioecological variables predict telomere length in wild spotted hyenas	Lewin N	Biol Lett. 2015 Feb;11(2):20140991.	2015	2015/2/27	25716089
1228	Variation in early-life telomere dynamics in a long-lived bird: links to environmental conditions and survival	Watson H	J Exp Biol. 2015 Mar;218(Pt 5):668-74.	2015	2015/1/25	25617465

1229	Hormone-brain-aging relationships, broadly reactive with imidazole-containing dipeptides: targeting of telomere attrition as an aging biomarker and dynamic telomerase activity flirting	Babizhayev MA	J Basic Clin Physiol Pharmacol. 2015 Mar;26(2):115-40.	2015	2014/8/26	25153587
1230	Telomere dynamics may link stress exposure and ageing across generations	Haussmann MF	Biol Lett. 2015 Nov;11(11):20150396.	2015	2015/11/6	26538535
1231	Telomere Dysfunction and Cell Senescence in Chronic Lung Diseases: Therapeutic Potential	Adnot S	Pharmacol Ther. 2015 Sep;153:125-34.	2015	2015/6/23	26096607
1232	Telomere G-tail Length is a Promising Biomarker Related to White Matter Lesions and Endothelial Dysfunction in Patients With Cardiovascular Risk: A Cross-sectional Study	Nezu T	EBioMedicine. 2015 May 30;2(8):960-7.	2015	2015/10/2	26425704
1233	[DNA methylation level and telomere length as a basis for the biological aging clock model construction]	Runov AL	Tsitologiia. 2015;57(3):192-6.	2015	2015/5/30	26021168
1234	Telomere-regulating genes and the telomere interactome in familial cancers	Robles-Espinoza CD	Mol Cancer Res. 2015 Feb;13(2):211-22.	2015	2014/9/24	25244922
1235	Inflammation, But Not Telomere Length, Predicts Successful Ageing at Extreme Old Age: A Longitudinal Study of Semi-supercentenarians	Arai Y	EBioMedicine. 2015 Jul 29;2(10):1549-58.	2015	2015/12/3	26629551
1236	Rapid and simple detection of gero-suppressive agents	Darzynkiewicz Z	Oncotarget. 2015 Sep 15;6(27):23050-1.	2015	2015/9/17	26375365
1237	Where You Live May Make You Old: The Association between Perceived Poor Neighborhood Quality and Leukocyte Telomere Length	Park M	PLoS One. 2015 Jun 17;10(6):e0128460.	2015	2015/6/18	26083263
1238	Knee osteoarthritis: Clinical connections to articular cartilage structure and function	Brody LT	Phys Ther Sport. 2015 Nov;16(4):301-16.	2015	2015/3/19	25783021
1239	Maternal telomere length inheritance in the king penguin	Reichert S	Heredity (Edinb). 2015 Jan;114(1):10-6.	2015	2014/7/24	25052413
1240	Early-Life Telomere Dynamics Differ between the Sexes and Predict Growth in the Barn Swallow (Hirundo rustica)	Parolini M	PLoS One. 2015 Nov 13;10(11):e0142530.	2015	2015/11/14	26565632
1241	Paternal age and telomere length in twins: the germ stem cell selection paradigm	Hjelmborg JB	Aging Cell. 2015 Aug;14(4):701-3.	2015	2015/4/14	25865872
1242	Association between shortened leukocyte telomere length and cardio-metabolic outcomes	Hunt SC	Circ Cardiovasc Genet. 2015 Feb;8(1):4-7.	2015	2015/2/19	25691684
1243	The asymmetry of telomere replication contributes to replicative senescence heterogeneity	Bourgeron T	Sci Rep. 2015 Oct 15;5:15326.	2015	2015/10/16	26468778
1244	[Age-related Changes of Left Ventricular Diastolic Function, NT-proBNP Level and Their Association With Leukocyte Telomere Length]	Akasheva DU	Kardiologiia. 2015;55(5):59-65.	2015	2015/12/1	26615626

1245	Automated Assay of Telomere Length Measurement and Informatics for 100,000 Subjects in the Genetic Epidemiology Research on Adult Health and Aging (GERA) Cohort	Lapham K	Genetics. 2015 Aug;200(4):1061-72.	2015	2015/6/21	26092717
1246	Telomere dysfunction reduces microglial numbers without fully inducing an aging phenotype	Khan AM	Neurobiol Aging. 2015 Jun;36(6):2164-75.	2015	2015/4/21	25892207
1247	Lamin-B in systemic inflammation, tissue homeostasis, and aging	Chen H	Nucleus. 2015;6(3):183-6.	2015	2015/4/16	25875575
1248	Telomerase activity and telomere length in Daphnia	Schumpert C	PLoS One. 2015 May 11;10(5):e0127196.	2015	2015/5/12	25962144
1249	Shortened leukocyte telomere length in patients with schizophrenia is related to disease status	Lin PY	Schizophr Res. 2015 Oct;168(1-2):597-8.	2015	2015/8/3	26232870
1250	Traffic noise exposure affects telomere length in nestling house sparrows	Meillère A	Biol Lett. 2015 Sep;11(9):20150559.	2015	2015/9/19	26382074
1251	Possible technical and biological explanations for the 'parental telomere length inheritance discrepancy' enigma	De Meyer T	Eur J Hum Genet. 2015 Jan;23(1):3-4.	2015	2014/4/24	24755952
1252	Cardiorespiratory Capacity and Leukocyte Telomere Length Among Adults in the United States	Loprinzi PD	Am J Epidemiol. 2015 Aug 1;182(3):198-201.	2015	2015/7/9	26153476
1253	A Conversation with Titia de Lange		Cold Spring Harb Symp Quant Biol. 2015;80:311-3.	2015	2016/6/22	27325715
1254	Association between shortened leukocyte telomere length and cardiometabolic outcomes: systematic review and meta-analysis	D'Mello MJ	Circ Cardiovasc Genet. 2015 Feb;8(1):82-90.	2015	2014/11/20	25406241
1255	The short and long telomere syndromes: paired paradigms for molecular medicine	Stanley SE	Curr Opin Genet Dev. 2015 Aug;33:1-9.	2015	2015/8/2	26232116
1256	The Association of Early and Recent Psychosocial Life Stress With Leukocyte Telomere Length	Verhoeven JE	Psychosom Med. 2015 Oct;77(8):882-91.	2015	2015/9/17	26374947
1257	Psychiatric disorders and leukocyte telomere length: Underlying mechanisms linking mental illness with cellular aging	Lindqvist D	Neurosci Biobehav Rev. 2015 Aug;55:333-64.	2015	2015/5/23	25999120
1258	Determinants of telomere attrition over 1 year in healthy older women: stress and health behaviors matter	Puterman E	Mol Psychiatry. 2015 Apr;20(4):529-35.	2015	2014/7/30	25070535
1259	Leukocyte telomere length dynamics in women and men: menopause vs age effects	Dalgård C	Int J Epidemiol. 2015 Oct;44(5):1688-95.	2015	2015/9/20	26385867
1260	Exercise attenuates the major hallmarks of aging	Garatachea N	Rejuvenation Res. 2015 Feb;18(1):57-89.	2015	2014/11/29	25431878

1261	Leukocyte telomere length is associated with advanced age-related macular degeneration in the Han Chinese population	Weng X	Exp Gerontol. 2015 Sep;69:36-40.	2015	2015/6/7	26049047
1262	Association of telomere length and mitochondrial DNA copy number in a community sample of healthy adults	Tyrka AR	Exp Gerontol. 2015 Jun;66:17-20.	2015	2015/4/8	25845980
1263	Analysis of telomere attrition in bipolar disorder	Lima IM	J Affect Disord. 2015 Feb 1;172:43-7.	2015	2014/12/3	25451394
1264	Cognitive impairment, genomic instability and trace elements	Meramat A	J Nutr Health Aging. 2015 Jan;19(1):48-57.	2015	2015/1/7	25560816
1265	Telomere dysfunction causes alveolar stem cell failure	Alder JK	Proc Natl Acad Sci U S A. 2015 Apr 21;112(16):5099-104.	2015	2015/4/5	25840590
1266	Association between leukocyte telomere length and bone mineral density in women 25-93 years of age	Nielsen BR	Exp Gerontol. 2015 Jun;66:25-31.	2015	2015/4/15	25868397
1267	Do telomeres have a higher plasticity than thought? Results from the German Chronic Kidney Disease (GCKD) study as a high-risk population	Raschenberger J	Exp Gerontol. 2015 Dec;72:162-6.	2015	2015/10/2	26423240
1268	Rapid growth accelerates telomere attrition in a transgenic fish	Pauliny A	BMC Evol Biol. 2015 Aug 14;15:159.	2015	2015/8/14	26268318
1269	Telomere shortening in Down syndrome patients--when does it start?	Gruszecka A	DNA Cell Biol. 2015 Jun;34(6):412-7.	2015	2015/3/19	25786194
1270	DNA Damage, DNA Repair, Aging, and Neurodegeneration	Maynard S	Cold Spring Harb Perspect Med. 2015 Sep 18;5(10):a025130.	2015	2015/9/20	26385091
1271	Mir-23a induces telomere dysfunction and cellular senescence by inhibiting TRF2 expression	Luo Z	Aging Cell. 2015 Jun;14(3):391-9.	2015	2015/3/11	25753893
1272	Genetic and epigenetic trends in telomere research: a novel way in immunoepigenetics	Melicher D	Cell Mol Life Sci. 2015 Nov;72(21):4095-109.	2015	2015/7/21	26190020
1273	Telomerase abrogates aneuploidy-induced telomere replication stress, senescence and cell depletion	Meena JK	EMBO J. 2015 May 12;34(10):1371-84.	2015	2015/3/31	25820263
1274	Neil2-null Mice Accumulate Oxidized DNA Bases in the Transcriptionally Active Sequences of the Genome and Are Susceptible to Innate Inflammation	Chakraborty A	J Biol Chem. 2015 Oct 9;290(41):24636-48.	2015	2015/8/7	26245904
1275	Is programmed aging a cause for optimism?	Mitteldorf J	Curr Aging Sci. 2015;8(1):69-75.	2015	2015/4/23	25902453
1276	Aging-related systemic manifestations in COPD patients and cigarette smokers	Boyer L	PLoS One. 2015 Mar 18;10(3):e0121539.	2015	2015/3/19	25785739

1277	Telomere Length in Peripheral Blood Mononuclear Cells of Patients on Chronic Hemodialysis Is Related With Telomerase Activity and Treatment Duration	Stefanidis I	Artif Organs. 2015 Sep;39(9):756-64.	2015	2015/4/21	25894013
1278	Impact of chemotherapy on telomere length in sporadic and familial breast cancer patients	Benitez-Buelga C	Breast Cancer Res Treat. 2015 Jan;149(2):385-94.	2015	2014/12/22	25528024
1279	Dietary restriction mitigates age-related accumulation of DNA damage, but not all changes in mouse corneal epithelium	Hallam D	Exp Gerontol. 2015 Jul;67:72-9.	2015	2015/5/5	25937374
1280	Computel: computation of mean telomere length from whole-genome next-generation sequencing data	Nersisyan L	PLoS One. 2015 Apr 29;10(4):e0125201.	2015	2015/4/30	25923330
1281	Anxiety disorders and accelerated cellular ageing	Verhoeven JE	Br J Psychiatry. 2015 May;206(5):371-8.	2015	2015/2/7	25657360
1282	Somatic stem cell aging and malignant transformation--impact on therapeutic application	Kuniakova M	Cell Mol Biol Lett. 2015 Dec;20(5):743-56.	2015	2015/10/30	26512427
1283	Impact of intrauterine tobacco exposure on fetal telomere length	Salihu HM	Am J Obstet Gynecol. 2015 Feb;212(2):205.e1-8.	2015	2014/9/1	25173189
1284	Skeletal muscle ceramide species in men with abdominal obesity	de la Maza MP	J Nutr Health Aging. 2015 Apr;19(4):389-96.	2015	2015/3/27	25809802
1285	Evaluation of the mechanism of nucleoplasmic bridge formation due to premature telomere shortening in agricultural workers exposed to mixed pesticides: indication for further studies	Zeljezic D	Chemosphere. 2015 Feb;120:45-51.	2015	2014/6/30	24974313
1286	Cellular senescence: a hitchhiker's guide	Aravinthan A	Hum Cell. 2015 Apr;28(2):51-64.	2015	2015/2/19	25690721
1287	Telomere regulation during ageing and tumorigenesis of the grey mouse lemur	Trochet D	Biochimie. 2015 Jun;113:100-10.	2015	2015/4/18	25882681
1288	Comparison of telomere length between population-specific mitochondrial haplogroups among different age groups in a Latvian population	Zole E	Mech Ageing Dev. 2015 Jan;145:13-7.	2015	2015/2/10	25660060
1289	Stn1 is critical for telomere maintenance and long-term viability of somatic human cells	Boccardi V	Aging Cell. 2015 Jun;14(3):372-81.	2015	2015/2/17	25684230
1290	Skin pentosidine and telomere length do not covary with age in a long-lived seabird	Rattiste K	Biogerontology. 2015 Aug;16(4):435-41.	2015	2015/3/2	25726322
1291	Stress and telomere shortening among central Indian conservation refugees	Zahran S	Proc Natl Acad Sci U S A. 2015 Mar 3;112(9):E928-36.	2015	2015/3/3	25730846
1292	What determines ageing of the transplanted liver?	Hodgson R	HPB (Oxford). 2015 Mar;17(3):222-5.	2015	2014/9/30	25263287

1293	Multifunctional cytomegalovirus (CMV)-specific CD8(+) T cells are not restricted by telomere-related senescence in young or old adults	Riddell NE	Immunology. 2015 Apr;144(4):549-60.	2015	2014/10/15	25314332
1294	Elevated levels of TRF2 induce telomeric ultrafine anaphase bridges and rapid telomere deletions	Nera B	Nat Commun. 2015 Dec 7;6:10132.	2015	2015/12/8	26640040
1295	The senescent microenvironment promotes the emergence of heterogeneous cancer stem-like cells	Castro-Vega LJ	Carcinogenesis. 2015 Oct;36(10):1180-92.	2015	2015/7/15	26168819
1296	Stressful life events and leukocyte telomere attrition in adulthood: a prospective population-based cohort study	van Ockenburg SL	Psychol Med. 2015 Oct;45(14):2975-84.	2015	2015/7/30	26219269
1297	High sodium intake is associated with short leukocyte telomere length in overweight and obese adolescents	Zhu H	Int J Obes (Lond). 2015 Aug;39(8):1249-53.	2015	2015/4/15	25869605
1298	Subclinical carotid atherosclerosis and early vascular aging from long-term low-dose ionizing radiation exposure: a genetic, telomere, and vascular ultrasound study in cardiac catheterization laboratory staff	Andreassi MG	JACC Cardiovasc Interv. 2015 Apr 20;8(4):616-27.	2015	2015/4/25	25907089
1299	The effects of chemotherapy with bleomycin, etoposide, and cis-platinum on telomeres in rat male germ cells	Liu M	Andrology. 2015 Nov;3(6):1104-12.	2015	2015/10/9	26446377
1300	Gradual telomere shortening and increasing chromosomal instability among PanIN grades and normal ductal epithelia with and without cancer in the pancreas	Matsuda Y	PLoS One. 2015 Feb 6;10(2):e0117575.	2015	2015/2/7	25658358
1301	Effect of vegetable consumption on the association between peripheral leucocyte telomere length and hypertension: a case-control study	Lian F	BMJ Open. 2015 Nov 11;5(11):e009305.	2015	2015/11/13	26560064
1302	RPA prevents G-rich structure formation at lagging-strand telomeres to allow maintenance of chromosome ends	Audry J	EMBO J. 2015 Jul 14;34(14):1942-58.	2015	2015/6/5	26041456
1303	Arsenic exposure through drinking water leads to senescence and alteration of telomere length in humans: A case-control study in West Bengal, India	Chatterjee D	Mol Carcinog. 2015 Sep;54(9):800-9.	2015	2014/3/26	24665044
1304	Heregulin, a new interactor of the telosome/shelterin complex in human telomeres	Menendez JA	Oncotarget. 2015 Nov 24;6(37):39408-21.	2015	2015/9/2	26327598
1305	Telomere length variation: A potential new telomere biomarker for lung cancer risk	Sun B	Lung Cancer. 2015 Jun;88(3):297-303.	2015	2015/4/5	25840848
1306	DNA damage response at telomeres contributes to lung aging and chronic obstructive pulmonary disease	Birch J	Am J Physiol Lung Cell Mol Physiol. 2015 Nov 15;309(10):L1124-37.	2015	2015/9/20	26386121
1307	Telomere length and the risk of cutaneous melanoma and non-melanoma skin cancer: a review of the literature and meta-analysis	Caini S	J Dermatol Sci. 2015 Dec;80(3):168-74.	2015	2015/9/6	26341697
1308	The association between leukocyte telomere length and mitochondrial DNA copy number in pregnant women: a pilot study	Qiu C	Clin Lab. 2015;61(3-4):363-9.	2015	2015/5/16	25975004

1309	Pesticide Use and Relative Leukocyte Telomere Length in the Agricultural Health Study	Andreotti G	PLoS One. 2015 Jul 21;10(7):e0133382.	2015	2015/7/22	26196902
1310	Pharmacodynamics of telomerase inhibition and telomere shortening by noncytotoxic suramin	Gan Y	AAPS J. 2015 Jan;17(1):268-76.	2015	2014/11/27	25425294
1311	Dietary total antioxidant capacity is associated with leukocyte telomere length in a children and adolescent population	García-Calzón S	Clin Nutr. 2015 Aug;34(4):694-9.	2015	2014/8/19	25131600
1312	Telomerase gene mutations and telomere length shortening in patients with idiopathic pulmonary fibrosis in a Chinese population	Dai J	Respirology. 2015 Jan;20(1):122-8.	2015	2014/10/28	25346280
1313	Association of telomere length and mitochondrial DNA copy number with risperidone treatment response in first-episode antipsychotic-naïve schizophrenia	Li Z	Sci Rep. 2015 Dec 18;5:18553.	2015	2015/12/19	26680692
1314	Inhibition of telomere recombination by inactivation of KEOPS subunit Cgi121 promotes cell longevity	Peng J	PLoS Genet. 2015 Mar 30;11(3):e1005071.	2015	2015/3/31	25822194
1315	Extended fertility and longevity: the genetic and epigenetic link	Wainer-Katsir K	Fertil Steril. 2015 May;103(5):1117-24.	2015	2015/3/23	25796320
1316	Telomere dynamics in wild brown trout: effects of compensatory growth and early growth investment	Näslund J	Oecologia. 2015 Apr;177(4):1221-30.	2015	2015/2/21	25698140
1317	Impact of gender and menopausal status on relationships between biological aging, as indexed by telomere length, and aortic stiffness	Raymond AR	Am J Hypertens. 2015 May;28(5):623-30.	2015	2014/11/22	25413841
1318	Telomere Fragment Induced Amnion Cell Senescence: A Contributor to Parturition?	Polettini J	PLoS One. 2015 Sep 23;10(9):e0137188.	2015	2015/9/24	26397719
1319	Heregulin, a new regulator of telomere length in human cells	Menendez JA	Oncotarget. 2015 Nov 24;6(37):39422-36.	2015	2015/8/31	26318724
1320	The Insertion in Fingers Domain in Human Telomerase Can Mediate Enzyme Processivity and Telomerase Recruitment to Telomeres in a TPP1-Dependent Manner	Chu TW	Mol Cell Biol. 2015 Oct 26;36(1):210-22.	2015	2015/10/28	26503784
1321	Telomere length and outcomes in ischaemic heart failure: data from the COntrolled ROsuvastatin multiNAtional Trial in Heart Failure (CORONA)	Haver VG	Eur J Heart Fail. 2015 Mar;17(3):313-9.	2015	2015/2/3	25639660
1322	Increased DNA damage and repair deficiency in granulosa cells are associated with ovarian aging in rhesus monkey	Zhang D	J Assist Reprod Genet. 2015 Jul;32(7):1069-78.	2015	2015/5/11	25957622
1323	The influence of oxidative stress induced by iron on telomere length	Kepinska M	Environ Toxicol Pharmacol. 2015 Nov;40(3):931-5.	2015	2015/10/30	26513689
1324	Klotho Prevents NFκB Translocation and Protects Endothelial Cell From Senescence Induced by Uremia	Buendía P	J Gerontol A Biol Sci Med Sci. 2015 Oct;70(10):1198-209.	2015	2014/9/24	25246106

1325	Characterization of Skin Aging-Associated Secreted Proteins (SAASP) Produced by Dermal Fibroblasts Isolated from Intrinsically Aged Human Skin	Waldera Lupa DM	J Invest Dermatol. 2015 Aug;135(8):1954-1968.	2015	2015/3/28	25815425
1326	Starting with a handicap: effects of asynchronous hatching on growth rate, oxidative stress and telomere dynamics in free-living great tits	Stier A	Oecologia. 2015 Dec;179(4):999-1010.	2015	2015/8/29	26314343
1327	Enhanced microglial pro-inflammatory response to lipopolysaccharide correlates with brain infiltration and blood-brain barrier dysregulation in a mouse model of telomere shortening	Raj DD	Aging Cell. 2015 Dec;14(6):1003-13.	2015	2015/8/5	26238505
1328	Telomeres are shorter in placentas from pregnancies with uncontrolled diabetes	Biron-Shental T	Placenta. 2015 Feb;36(2):199-203.	2015	2014/12/16	25499309
1329	Telomere Length Is Not Related to Established Cardiovascular Risk Factors but Does Correlate with Red and White Blood Cell Counts in a German Blood Donor Population	Neuner B	PLoS One. 2015 Oct 7;10(10):e0139308.	2015	2015/10/8	26445269
1330	Reduced telomere length in neurodegenerative disorders may suggest shared biology	Kota LN	J Neuropsychiatry Clin Neurosci. 2015;27(2):e92-6.	2015	2014/12/27	25541866
1331	Dysregulation of shelterin factors coupled with telomere shortening in Philadelphia chromosome negative myeloproliferative neoplasms	Dahlström J	Haematologica. 2015 Oct;100(10):e402-5.	2015	2015/7/18	26185173
1332	Depression, anxiety and telomere length in young adults: evidence from the National Health and Nutrition Examination Survey	Needham BL	Mol Psychiatry. 2015 Apr;20(4):520-8.	2015	2014/9/3	25178165
1333	Comprehensive evaluation of the immune risk phenotype in successfully treated HIV-infected individuals	Ndumbi P	PLoS One. 2015 Feb 3;10(2):e0117039.	2015	2015/2/4	25647167
1334	Two routes to senescence revealed by real-time analysis of telomerase-negative single lineages	Xu Z	Nat Commun. 2015 Jul 9;6:7680.	2015	2015/7/10	26158780
1335	Tired telomeres: Poor global sleep quality, perceived stress, and telomere length in immune cell subsets in obese men and women	Prather AA	Brain Behav Immun. 2015 Jul;47:155-62.	2015	2014/12/24	25535858
1336	Deoxyribonucleotide metabolism, mutagenesis and cancer	Mathews CK	Nat Rev Cancer. 2015 Sep;15(9):528-39.	2015	2015/8/25	26299592
1337	Senescence is involved in the pathogenesis of chronic obstructive pulmonary disease through effects on telomeres and the anti-aging molecule fibroblast growth factor 23	Ishii T	Geriatr Gerontol Int. 2015 Jul;15(7):827-33.	2015	2014/9/27	25257970
1338	Sex-dependent effects of nutrition on telomere dynamics in zebra finches (Taeniopygia guttata)	Noguera JC	Biol Lett. 2015 Feb;11(2):20140938.	2015	2015/2/27	25716087
1339	Nijmegen breakage syndrome fibroblasts expressing the C-terminal truncated NBN(p70) protein undergo p38/MK2-dependent premature senescence	Davis T	Biogerontology. 2015 Feb;16(1):43-51.	2015	2014/9/13	25214013
1340	Diet, age, and prior injury status differentially alter behavioral outcomes following concussion in rats	Mychasiuk R	Neurobiol Dis. 2015 Jan;73:1-11.	2015	2014/10/2	25270295

1341	A newly identified berberine derivative induces cancer cell senescence by stabilizing endogenous G-quadruplexes and sparking a DNA damage response at the telomere region	Xiong YX	Oncotarget. 2015 Nov 3;6(34):35625-35.	2015	2015/10/14	26462146
1342	Association between maternal symptoms of sleep disordered breathing and fetal telomere length	Salihu HM	Sleep. 2015 Apr 1;38(4):559-66.	2015	2014/10/18	25325479
1343	Rate of telomere shortening and metabolic and cardiovascular risk factors: a longitudinal study in the 1934-44 Helsinki Birth Cohort Study	Guzzardi MA	Ann Med. 2015;47(6):499-505.	2015	2015/9/5	26339993
1344	Study of the association of total and differential white blood cell counts with geriatric conditions, cardio-vascular diseases, seric IL-6 levels and telomere length	Compté N	Exp Gerontol. 2015 Jan;61:105-12.	2015	2014/12/3	25446500
1345	A beginning of the end: new insights into the functional organization of telomeres	Wood AM	Nucleus. 2015;6(3):172-8.	2015	2015/5/12	25961132
1346	Longitudinal changes of telomere length and epigenetic age related to traumatic stress and post-traumatic stress disorder	Boks MP	Psychoneuroendocrinology. 2015 Jan;51:506-12.	2015	2014/8/18	25129579
1347	Cell death during crisis is mediated by mitotic telomere deprotection	Hayashi MT	Nature. 2015 Jun 25;522(7557):492-6.	2015	2015/6/26	26108857
1348	The Shelterin TIN2 Subunit Mediates Recruitment of Telomerase to Telomeres	Frank AK	PLoS Genet. 2015 Jul 31;11(7):e1005410.	2015	2015/8/1	26230315
1349	Identification of telomere dysfunction in Friedreich ataxia	Anjomani Virmouni S	Mol Neurodegener. 2015 Jun 10;10:22.	2015	2015/6/11	26059974
1350	Osteoarthritis: SIRT6 prevents chondrocyte senescence and DNA damage	Duarte JH	Nat Rev Rheumatol. 2015 May;11(5):260.	2015	2015/4/15	25868493
1351	Autophagy-independent senescence and genome instability driven by targeted telomere dysfunction	Mar FA	Autophagy. 2015;11(3):527-37.	2015	2015/3/10	25751002
1352	Transgenerational Developmental Programming of Ovarian Reserve	Aiken CE	Sci Rep. 2015 Nov 3;5:16175.	2015	2015/11/4	26525600
1353	Mesenchymal stem cells of different origin: Comparative evaluation of proliferative capacity, telomere length and pluripotency marker expression	Trivanović D	Life Sci. 2015 Nov 15;141:61-73.	2015	2015/9/27	26408916
1354	Short telomere length in peripheral blood leukocyte predicts poor prognosis and indicates an immunosuppressive phenotype in gastric cancer patients	Qu F	Mol Oncol. 2015 Mar;9(3):727-39.	2015	2014/12/18	25515040
1355	Exome sequencing links mutations in PARN and RTEL1 with familial pulmonary fibrosis and telomere shortening	Stuart BD	Nat Genet. 2015 May;47(5):512-7.	2015	2015/4/8	25848748
1356	Effect of delayed graft function, acute rejection and chronic allograft dysfunction on kidney allograft telomere length in patients after transplantation: a prospective cohort study	Domański L	BMC Nephrol. 2015 Feb 18;16:23.	2015	2015/4/18	25884882

1357	Mice with Pulmonary Fibrosis Driven by Telomere Dysfunction	Povedano JM	Cell Rep. 2015 Jul 14;12(2):286-99.	2015	2015/7/7	26146081
1358	Peripheral blood leukocyte telomere length and mortality among 64,637 individuals from the general population	Rode L	J Natl Cancer Inst. 2015 Apr 10;107(6):djv074.	2015	2015/4/12	25862531
1359	Ccq1-Tpz1TPP1 interaction facilitates telomerase and SHREC association with telomeres in fission yeast	Moser BA	Mol Biol Cell. 2015 Nov 1;26(21):3857-66.	2015	2015/9/11	26354422
1360	Associations of cadmium and lead exposure with leukocyte telomere length: findings from National Health and Nutrition Examination Survey, 1999-2002	Zota AR	Am J Epidemiol. 2015 Jan 15;181(2):127-36.	2015	2014/12/16	25504027
1361	Alternative lengthening of telomeres in cancer stem cells in vivo	Bojovic B	Oncogene. 2015 Jan 29;34(5):611-20.	2015	2014/2/18	24531712
1362	Dietary inflammatory index and telomere length in subjects with a high cardiovascular disease risk from the PREDIMED-NAVARRA study: cross-sectional and longitudinal analyses over 5 y	García-Calzón S	Am J Clin Nutr. 2015 Oct;102(4):897-904.	2015	2015/9/11	26354530
1363	Telomere-associated factor expression in replicative senescence of human embryonic lung fibroblasts	Du H	Genet Mol Res. 2015 Aug 10;14(3):9269-76.	2015	2015/9/9	26345860
1364	Expression of human telomerase reverse transcriptase mediates the senescence of mesenchymal stem cells through the PI3K/AKT signaling pathway	Zhao Q	Int J Mol Med. 2015 Sep;36(3):857-64.	2015	2015/7/17	26178664
1365	The role of the TERC-63G>A and TERT-1327C>T telomerase polymorphisms in the study of men with acute coronary syndrome	Perez-Rivera JA	Minerva Cardioangiol. 2015 Dec;63(6):467-74. Epub 2014 Dec 17.	2015	2014/12/18	25516136
1366	Differential Telomere Shortening in Blood versus Arteries in an Animal Model of Type 2 Diabetes	Tajbakhsh S	J Diabetes Res. 2015;2015:153829.	2015	2015/9/9	26346823
1367	Telomere shortening associated with increased genomic complexity in chronic lymphocytic leukemia	Dos Santos P	Tumour Biol. 2015 Nov;36(11):8317-24.	2015	2015/5/27	26008147
1368	Transient delivery of modified mRNA encoding TERT rapidly extends telomeres in human cells	Ramunas J	FASEB J. 2015 May;29(5):1930-9.	2015	2015/1/24	25614443
1369	Homocysteine accelerates senescence of endothelial cells via DNA hypomethylation of human telomerase reverse transcriptase	Zhang D	Arterioscler Thromb Vasc Biol. 2015 Jan;35(1):71-8.	2015	2014/11/1	25359865
1370	Chronic alcohol increases CD8+ T-cell immunosenescence in simian immunodeficiency virus-infected rhesus macaques	Katz PS	Alcohol. 2015 Dec;49(8):759-65.	2015	2015/11/26	26603633
1371	Induction of telomere dysfunction mediated by the telomerase substrate precursor 6-thio-2'-deoxyguanosine	Mender I	Cancer Discov. 2015 Jan;5(1):82-95.	2015	2014/12/18	25516420
1372	SORBS2 transcription is activated by telomere position effect-over long distance upon telomere shortening in muscle cells from patients with facioscapulohumeral dystrophy	Robin JD	Genome Res. 2015 Dec;25(12):1781-90.	2015	2015/9/12	26359233

1373	U-shaped association between telomere length and esophageal squamous cell carcinoma risk: a case-control study in Chinese population	Du J	Front Med. 2015 Dec;9(4):478-86.	2015	2015/11/20	26581417
1374	Impact of telomere length on survival in classic and variant hairy cell leukemia	Arons E	Leuk Res. 2015 Dec;39(12):1360-6.	2015	2015/11/2	26520623
1375	Plumbagin alters telomere dynamics, induces DNA damage and cell death in human brain tumour cells	Khaw AK	Mutat Res Genet Toxicol Environ Mutagen. 2015 Nov;793:86-95.	2015	2015/11/2	26520377
1376	Biological ageing and frailty markers in breast cancer patients	Brouwers B	Aging (Albany NY). 2015 May;7(5):319-33.	2015	2015/5/21	25989735
1377	PBMC telomerase activity, but not leukocyte telomere length, correlates with hippocampal volume in major depression	Wolkowitz OM	Psychiatry Res. 2015 Apr 30;232(1):58-64.	2015	2015/3/17	25773002
1378	Chronic kidney disease and premature ageing of the adaptive immune response	Betjes MG	Curr Urol Rep. 2015 Jan;16(1):471.	2015	2014/11/19	25404185
1379	Bone marrow skeletal stem/progenitor cell defects in dyskeratosis congenita and telomere biology disorders	Balakumaran A	Blood. 2015 Jan 29;125(5):793-802.	2015	2014/12/16	25499762
1380	A novel autosomal recessive TERT T1129P mutation in a dyskeratosis congenita family leads to cellular senescence and loss of CD34+ hematopoietic stem cells not reversible by mTOR-inhibition	Stockklausner C	Aging (Albany NY). 2015 Nov;7(11):911-27.	2015	2015/11/8	26546739
1381	PGC-1α Modulates Telomere Function and DNA Damage in Protecting against Aging-Related Chronic Diseases	Xiong S	Cell Rep. 2015 Sep 1;12(9):1391-9.	2015	2015/8/25	26299964
1382	Absolute leukocyte telomere length in HIV-infected and uninfected individuals: evidence of accelerated cell senescence in HIV-associated chronic obstructive pulmonary disease	Liu JC	PLoS One. 2015 Apr 17;10(4):e0124426.	2015	2015/4/18	25885433
1383	Suppressor of Ty homolog-5, a novel tumor-specific human telomerase reverse transcriptase promoter-binding protein and activator in colon cancer cells	Chen R	Oncotarget. 2015 Oct 20;6(32):32841-55.	2015	2015/9/30	26418880
1384	Independent replication of a melanoma subtype gene signature and evaluation of its prognostic value and biological correlates in a population cohort	Nsengimana J	Oncotarget. 2015 May 10;6(13):11683-93.	2015	2015/4/15	25871393
1385	Reversibility of Defective Hematopoiesis Caused by Telomere Shortening in Telomerase Knockout Mice	Raval A	PLoS One. 2015 Jul 2;10(7):e0131722.	2015	2015/7/3	26133370
1386	Altered telomere homeostasis and resistance to skin carcinogenesis in Suv39h1 transgenic mice	Petti E	Cell Cycle. 2015;14(9):1438-46.	2015	2015/3/20	25789788
1387	Aberrant reduction of telomere repetitive sequences in plasma cell-free DNA for early breast cancer detection	Wu X	Oncotarget. 2015 Oct 6;6(30):29795-807.	2015	2015/9/11	26356673
1388	Depletion of SIRT6 causes cellular senescence, DNA damage, and telomere dysfunction in human chondrocytes	Nagai K	Osteoarthritis Cartilage. 2015 Aug;23(8):1412-20.	2015	2015/3/31	25819580

1389	DNA-damage-induced type I interferon promotes senescence and inhibits stem cell function	Yu Q	Cell Rep. 2015 May 5;11(5):785-797.	2015	2015/4/30	25921537
1390	Telomere length is a novel predictive biomarker of sensitivity to anti-EGFR therapy in metastatic colorectal cancer	Augustine TA	Br J Cancer. 2015 Jan 20;112(2):313-8.	2015	2014/11/21	25412235
1391	Bortezomib-mediated down-regulation of telomerase and disruption of telomere homeostasis contributes to apoptosis of malignant cells	Ci X	Oncotarget. 2015 Nov 10;6(35):38079-92.	2015	2015/10/17	26472030
1392	Telomeres and their role in aging and longevity	Tzanetakou IP	Curr Vasc Pharmacol. 2014;12(5):726-34.	2014	2013/12/20	24350925
1393	Gender and telomere length: systematic review and meta-analysis	Gardner M	Exp Gerontol. 2014 Mar;51:15-27.	2014	2013/12/25	24365661
1394	Telomerase activation: a potential key modulator for human healthspan and longevity	Boccardi V	Ageing Res Rev. 2014 May;15:1-5.	2014	2014/2/25	24561251
1395	Select aging biomarkers based on telomere length and chronological age to build a biological age equation	Zhang WG	Age (Dordr). 2014 Jun;36(3):9639.	2014	2014/3/25	24659482
1396	Mediterranean diet and telomere length	Nilsson PM	BMJ. 2014 Dec 2;349:g6843.	2014	2014/12/4	25467755
1397	Inflammation, telomere length, and grip strength: a 10-year longitudinal study	Baylis D	Calcif Tissue Int. 2014 Jul;95(1):54-63.	2014	2014/5/27	24858709
1398	Telomere-independent ageing in the longest-lived non-colonial animal, Arctica islandica	Gruber H	Exp Gerontol. 2014 Mar;51:38-45.	2014	2014/1/8	24394156
1399	Frailty and telomere length: cross-sectional analysis in 3537 older adults from the ESTHER cohort	Saum KU	Exp Gerontol. 2014 Oct;58:250-5.	2014	2014/8/25	25150678
1400	Within the genome, long telomeres are more informative than short telomeres with respect to fitness components in a long-lived seabird	Bauch C	Mol Ecol. 2014 Feb;23(2):300-10.	2014	2013/11/27	24274429
1401	Comparison of the relative telomere length measured in leukocytes and eleven different human tissues	Dlouha D	Physiol Res. 2014;63(Suppl 3):S343-50.	2014	2014/11/28	25428739
1402	Telomeric attrition with age and temperature in Eastern mosquitofish (Gambusia holbrooki)	Rollings N	Naturwissenschaften. 2014 Mar;101(3):241-4.	2014	2014/1/23	24449195
1403	A test of biological and behavioral explanations for gender differences in telomere length: the multi-ethnic study of atherosclerosis	Needham BL	Biodemography Soc Biol. 2014;60(2):156-73.	2014	2014/10/25	25343364
1404	Pessimistic orientation in relation to telomere length in older men: the VA normative aging study	Ikeda A	Psychoneuroendocrinology. 2014 Apr;42:68-76.	2014	2014/3/19	24636503

1405	Gerontology: Will you still need me, will you still feed me?	Stewart L	Nature. 2014 Oct 16;514(7522):S14-5.	2014	2014/10/16	25317591
1406	Visfatin/Nampt induces telomere damage and senescence in human endothelial cells	Villalobos LA	Int J Cardiol. 2014 Aug 20;175(3):573-5.	2014	2014/5/31	24874905
1407	In vivo role of checkpoint kinase 2 in signaling telomere dysfunction	García-Beccaria M	Aging Cell. 2014 Oct;13(5):810-6.	2014	2014/6/13	24920220
1408	Telomere length maintenance, shortening, and lengthening	Zhao Z	J Cell Physiol. 2014 Oct;229(10):1323-9.	2014	2013/12/31	24374808
1409	Leukocyte telomere length and prevalence of age-related diseases in semisupercentenarians, centenarians and centenarians' offspring	Tedone E	Exp Gerontol. 2014 Oct;58:90-5.	2014	2014/7/1	24975295
1410	Chromosome biology: Short telomeres can't reach	Zlotorynski E	Nat Rev Mol Cell Biol. 2014 Dec;15(12):766-7.	2014	2014/11/22	25415503
1411	The long reach of telomeres	Misteli T	Genes Dev. 2014 Nov 15;28(22):2445-6.	2014	2014/11/19	25403176
1412	The study on telomere length for age estimation in a Thai population	Srettabunjong S	Am J Forensic Med Pathol. 2014 Jun;35(2):148-53.	2014	2014/5/1	24781401
1413	Nestling telomere shortening, but not telomere length, reflects developmental stress and predicts survival in wild birds	Boonekamp JJ	Proc Biol Sci. 2014 Apr 30;281(1785):20133287.	2014	2014/5/3	24789893
1414	A statistical approach to distinguish telomere elongation from error in longitudinal datasets	Simons MJ	Biogerontology. 2014 Feb;15(1):99-103.	2014	2013/10/5	24091643
1415	Age-related declines and disease-associated variation in immune cell telomere length in a wild mammal	Beirne C	PLoS One. 2014 Sep 30;9(9):e108964.	2014	2014/10/1	25268841
1416	Shorter telomere length is linked to brain atrophy and white matter hyperintensities	Wikgren M	Age Ageing. 2014 Mar;43(2):212-7.	2014	2013/11/16	24231584
1417	A comparison of oncogene-induced senescence and replicative senescence: implications for tumor suppression and aging	Nelson DM	Age (Dordr). 2014 Jun;36(3):9637.	2014	2014/3/21	24647599
1418	Mediterranean diet and telomere length in Nurses' Health Study: population based cohort study	Crous-Bou M	BMJ. 2014 Dec 2;349:g6674.	2014	2014/12/4	25467028
1419	Variation of DNA methylation in candidate age-related targets on the mitochondrial-telomere axis in cord blood and placenta	Janssen BG	Placenta. 2014 Sep;35(9):665-72.	2014	2014/7/23	25047690
1420	Leucocyte telomere length as marker for cardiovascular ageing	Zietzer A	Acta Physiol (Oxf). 2014 Jun;211(2):251-6.	2014	2014/3/27	24666613

1421	[Telomeres and chronic heart failure]	Drapkina OM	Kardiologiia. 2014;54(4):60-7.	2014	2014/9/2	25177787
1422	Stochastic simulations of normal aging and Werner's syndrome	Qi Q	Bull Math Biol. 2014 Jun;76(6):1241-69.	2014	2014/4/29	24771273
1423	Measurement of telomere length: a new assay using QuantiGene chemistry on a Luminex platform	Kibriya MG	Cancer Epidemiol Biomarkers Prev. 2014 Dec;23(12):2667-72.	2014	2014/12/5	25472675
1424	Comparison between southern blots and qPCR analysis of leukocyte telomere length in the health ABC study	Elbers CC	J Gerontol A Biol Sci Med Sci. 2014 May;69(5):527-31.	2014	2013/8/16	23946336
1425	Prelamin A accumulation and stress conditions induce impaired Oct-1 activity and autophagy in prematurely aged human mesenchymal stem cell	Infante A	Aging (Albany NY). 2014 Apr;6(4):264-80.	2014	2014/4/23	24753226
1426	Irreparable telomeric DNA damage and persistent DDR signalling as a shared causative mechanism of cellular senescence and ageing	Rossiello F	Curr Opin Genet Dev. 2014 Jun;26:89-95.	2014	2014/8/9	25104620
1427	Sex difference in leukocyte telomere length is ablated in opposite-sex co-twins	Benetos A	Int J Epidemiol. 2014 Dec;43(6):1799-805.	2014	2014/7/25	25056338
1428	Does neuroticism make you old? Prospective associations between neuroticism and leukocyte telomere length	van Ockenburg SL	Psychol Med. 2014 Mar;44(4):723-9.	2014	2013/7/10	23834823
1429	Telomere length and polyunsaturated fatty acids	Das UN	Nutrition. 2014 Oct;30(10):1218-21.	2014	2014/9/8	25194619
1430	Growing up or growing old? Cellular aging linked with testosterone reactivity to stress in youth	Drury SS	Am J Med Sci. 2014 Aug;348(2):92-100.	2014	2014/7/11	25010187
1431	Telomere length variations in aging and age-related diseases	Rizvi S	Curr Aging Sci. 2014;7(3):161-7.	2014	2015/1/24	25612739
1432	Oxidative damage impact on aging and age-related diseases: drug targeting of telomere attrition and dynamic telomerase activity flirting with imidazole-containing dipeptides	Babizhayev MA	Recent Pat Drug Deliv Formul. 2014;8(3):163-92.	2014	2014/6/5	24894799
1433	The role of RecQ helicases in non-homologous end-joining	Keijzers G	Crit Rev Biochem Mol Biol. 2014 Nov-Dec;49(6):463-72.	2014	2014/7/23	25048400
1434	Human telomeres that carry an integrated copy of human herpesvirus 6 are often short and unstable, facilitating release of the viral genome from the chromosome	Huang Y	Nucleic Acids Res. 2014 Jan;42(1):315-27.	2014	2013/9/24	24057213
1435	Oxidative stress induces persistent telomeric DNA damage responsible for nuclear morphology change in mammalian cells	Coluzzi E	PLoS One. 2014 Oct 29;9(10):e110963.	2014	2014/10/30	25354277
1436	A possible new mechanism in the pathophysiology of polycystic ovary syndrome (PCOS): the discovery that leukocyte telomere length is strongly associated with PCOS	Li Q	J Clin Endocrinol Metab. 2014 Feb;99(2):E234-40.	2014	2013/12/5	24302747

1437	Leukocyte telomere length associates with prospective mortality independent of immune-related parameters and known genetic markers	Deelen J	Int J Epidemiol. 2014 Jun;43(3):878-86.	2014	2014/1/16	24425829
1438	Telomere length in Chernobyl accident recovery workers in the late period after the disaster	Reste J	J Radiat Res. 2014 Nov;55(6):1089-100.	2014	2014/7/13	25015931
1439	Telomere shortening in the colonial coral Acropora digitifera during development	Tsuta H	Zoolog Sci. 2014 Mar;31(3):129-34.	2014	2014/3/8	24601774
1440	Leukocyte telomere length and age at menopause	Gray KE	Epidemiology. 2014 Jan;25(1):139-46.	2014	2013/11/12	24213145
1441	Experimentally increased reproductive effort alters telomere length in the blue tit (Cyanistes caeruleus)	Sudyka J	J Evol Biol. 2014 Oct;27(10):2258-64.	2014	2014/9/18	25228433
1442	[Direct human DNA damage by unfavorable environmental and climatic factors]	Doroshtuk NA	Ter Arkh. 2014;86(12):72-7.	2014	2015/3/26	25804044
1443	Internalizing disorders and leukocyte telomere erosion: a prospective study of depression, generalized anxiety disorder and post-traumatic stress disorder	Shalev I	Mol Psychiatry. 2014 Nov;19(11):1163-70.	2014	2014/1/15	24419039
1444	G-Quadruplex binding enantiomers show chiral selective interactions with human telomere	Wang J	Nucleic Acids Res. 2014 Apr;42(6):3792-802.	2014	2014/1/14	24413564
1445	Inconsistent inheritance of telomere length (TL): is offspring TL more strongly correlated with maternal or paternal TL?	Eisenberg DT	Eur J Hum Genet. 2014 Jan;22(1):8-9.	2014	2013/9/12	24022299
1446	Telomere dynamics and aging	Aubert G	Prog Mol Biol Transl Sci. 2014;125:89-111.	2014	2014/7/5	24993699
1447	A non-genetic, epigenetic-like mechanism of telomere length inheritance?	De Meyer T	Eur J Hum Genet. 2014 Jan;22(1):10-1.	2014	2013/10/24	24149546
1448	Are the leukocyte telomere length attrition and telomerase activity alteration potential predictor biomarkers for sporadic TAA in aged individuals?	Balistreri CR	Age (Dordr). 2014;36(5):9700.	2014	2014/8/18	25129574
1449	Cellular aging and restorative processes: subjective sleep quality and duration moderate the association between age and telomere length in a sample of middle-aged and older adults	Cribbet MR	Sleep. 2014 Jan 1;37(1):65-70.	2014	2014/1/29	24470696
1450	Cellular aging of skeletal muscle: telomeric and free radical evidence that physical inactivity is responsible and not age	Venturelli M	Clin Sci (Lond). 2014 Sep;127(6):415-21.	2014	2014/4/9	24708050
1451	Telomere position effect: regulation of gene expression with progressive telomere shortening over long distances	Robin JD	Genes Dev. 2014 Nov 15;28(22):2464-76.	2014	2014/11/19	25403178
1452	[Senescence of mesothelial cells]	Mikuła-Pietrasik J	Postepy Biochem. 2014;60(2):187-93.	2014	2014/8/20	25134354

1453	Short and long telomeres increase risk of amnestic mild cognitive impairment	Roberts RO	Mech Ageing Dev. 2014 Nov-Dec;141-142:64-9.	2014	2014/12/3	25454987
1454	Cellular functions of the dual-targeted catalytic subunit of telomerase, telomerase reverse transcriptase--potential role in senescence and aging	Ale-Agha N	Exp Gerontol. 2014 Aug;56:189-93.	2014	2014/3/4	24583100
1455	CTC1 increases the radioresistance of human melanoma cells by inhibiting telomere shortening and apoptosis	Luo YM	Int J Mol Med. 2014 Jun;33(6):1484-90.	2014	2014/4/11	24718655
1456	Telomere and telomerase biology	Giardini MA	Prog Mol Biol Transl Sci. 2014;125:1-40.	2014	2014/7/5	24993696
1457	Stress responsive biochemical anabolic/catabolic ratio and telomere length in older adults	Vasunilashorn S	Biodemography Soc Biol. 2014;60(2):174-84.	2014	2014/10/25	25343365
1458	Metabolic profiles of biological aging in American Indians: the Strong Heart Family Study	Zhao J	Aging (Albany NY). 2014 Mar;6(3):176-86.	2014	2014/5/7	24799415
1459	Genome-wide DNA methylation changes in skeletal muscle between young and middle-aged pigs	Jin L	BMC Genomics. 2014 Aug 5;15(1):653.	2014	2014/8/7	25096499
1460	TRF2 and lamin A/C interact to facilitate the functional organization of chromosome ends	Wood AM	Nat Commun. 2014 Nov 17;5:5467.	2014	2014/11/18	25399868
1461	Tumor viruses and replicative immortality--avoiding the telomere hurdle	Chen X	Semin Cancer Biol. 2014 Jun;26:43-51.	2014	2014/2/4	24486644
1462	Short leukocyte telomere length is associated with obesity in American Indians: the Strong Heart Family study	Chen S	Aging (Albany NY). 2014 May;6(5):380-9.	2014	2014/5/28	24861044
1463	Genetics of aging, progeria and lamin disorders	Ghosh S	Curr Opin Genet Dev. 2014 Jun;26:41-6.	2014	2014/7/10	25005744
1464	Total body irradiation causes long-term mouse BM injury via induction of HSC premature senescence in an Ink4a- and Arf-independent manner	Shao L	Blood. 2014 May 15;123(20):3105-15.	2014	2014/3/14	24622326
1465	Antiproliferative effect of the isoquinoline alkaloid papaverine in hepatocarcinoma HepG-2 cells--inhibition of telomerase and induction of senescence	Noureini SK	Molecules. 2014 Aug 8;19(8):11846-59.	2014	2014/8/12	25111025
1466	Influence of endothelial dysfunction on telomere length in subjects with metabolic syndrome: LIPGENE study	González-Guardia L	Age (Dordr). 2014;36(4):9681.	2014	2014/7/12	25012274
1467	Cell biology of disease: Telomeropathies: an emerging spectrum disorder	Holohan B	J Cell Biol. 2014 May 12;205(3):289-99.	2014	2014/5/14	24821837
1468	Placental telomere length decreases with gestational age and is influenced by parity: a study of third trimester live-born twins	Gielen M	Placenta. 2014 Oct;35(10):791-6.	2014	2014/8/7	25096951

1469	β-cell telomere attrition in diabetes: inverse correlation between HbA1c and telomere length	Tamura Y	J Clin Endocrinol Metab. 2014 Aug;99(8):2771-7.	2014	2014/4/17	24735425
1470	Methylated TRF2 associates with the nuclear matrix and serves as a potential biomarker for cellular senescence	Mitchell TR	Aging (Albany NY). 2014 Apr;6(4):248-63.	2014	2014/4/12	24721747
1471	The replicometer is broken: telomeres activate cellular senescence in response to genotoxic stresses	Suram A	Aging Cell. 2014 Oct;13(5):780-6.	2014	2014/7/22	25040628
1472	Dietary restriction ameliorates haematopoietic ageing independent of telomerase, whilst lack of telomerase and short telomeres exacerbates the ageing phenotype	Al-Ajmi N	Exp Gerontol. 2014 Oct;58:113-9.	2014	2014/7/20	25038516
1473	Associations between early life stress, self-reported traumatic experiences across the lifespan and leukocyte telomere length in elderly adults	Savolainen K	Biol Psychol. 2014 Mar;97:35-42.	2014	2014/2/18	24530884
1474	The differential processing of telomeres in response to increased telomeric transcription and RNA-DNA hybrid accumulation	Balk B	RNA Biol. 2014;11(2):95-100.	2014	2014/2/15	24525824
1475	Telomeres, cardiovascular aging, and potential intervention for cellular senescence	Zhang W	Sci China Life Sci. 2014 Aug;57(8):858-62.	2014	2014/8/9	25104460
1476	Telomere length and aneuploidy: clinical and biological insights into human preimplantation embryos	Simpson JL	Reprod Biomed Online. 2014 May;28(5):531-2.	2014	2014/5/6	24792868
1477	[Markers of cellular senescence]	Alster O	Postepy Biochem. 2014;60(2):138-46.	2014	2014/8/20	25134350
1478	Telomere shortening in leukocyte subpopulations in depression	Karabatsiakis A	BMC Psychiatry. 2014 Jul 5;14:192.	2014	2014/7/6	24996455
1479	Telomere length - a cellular aging marker for depression and Post-traumatic Stress Disorder	Zhang L	Med Hypotheses. 2014 Aug;83(2):182-5.	2014	2014/5/31	24875221
1480	Organismal stress, telomeres and life histories	Monaghan P	J Exp Biol. 2014 Jan 1;217(Pt 1):57-66.	2014	2013/12/20	24353204
1481	Shorter leukocyte telomere length is independently associated with poor survival in patients with bladder cancer	Russo A	Cancer Epidemiol Biomarkers Prev. 2014 Nov;23(11):2439-46.	2014	2014/9/20	25234236
1482	Telomere length and telomerase activity during oocyte maturation and early embryo development in mammalian species	Ozturk S	Mol Hum Reprod. 2014 Jan;20(1):15-30.	2014	2013/8/10	23928157
1483	Early cellular aging: salt and the telomeres	Dangi-Garimella S	Am J Manag Care. 2014 Jul;20(10 Spec No):E9.	2014	2015/1/1	25549560
1484	Smoking accelerates aging of the small airway epithelium	Walters MS	Respir Res. 2014 Sep 24;15(1):94.	2014	2014/9/25	25248511

1485	Proteins induced by telomere dysfunction are associated with human IgA nephropathy	Lu YY	J Zhejiang Univ Sci B. 2014 Jun;15(6):566-74.	2014	2014/6/7	24903994
1486	Quantitative fluorescence in situ hybridization measurement of telomere length in skin with/without sun exposure or actinic keratosis	Ikeda H	Hum Pathol. 2014 Mar;45(3):473-80.	2014	2014/1/14	24411948
1487	Genomic instability in newborn with short telomeres	Moreno-Palomo J	PLoS One. 2014 Mar 12;9(3):e91753.	2014	2014/3/14	24622247
1488	Compromised telomere maintenance in hypomethylated Arabidopsis thaliana plants	Ogrocká A	Nucleic Acids Res. 2014 Mar;42(5):2919-31.	2014	2013/12/17	24334955
1489	Zinc finger protein 637 protects cells against oxidative stress-induced premature senescence by mTERT-mediated telomerase activity and telomere maintenance	Gao B	Cell Death Dis. 2014 Jul 17;5(7):e1334.	2014	2014/7/18	25032857
1490	Stable cellular senescence is associated with persistent DDR activation	Fumagalli M	PLoS One. 2014 Oct 23;9(10):e110969.	2014	2014/10/24	25340529
1491	A shorter telomere is the key factor in preventing cultured human mesenchymal stem cells from senescence escape	He L	Histochem Cell Biol. 2014 Sep;142(3):257-67.	2014	2014/3/25	24658836
1492	Neighborhood characteristics and leukocyte telomere length: the Multi-Ethnic Study of Atherosclerosis	Needham BL	Health Place. 2014 Jul;28:167-72.	2014	2014/5/27	24859373
1493	The impracticality of biomedical rejuvenation therapies: translational and pharmacological barriers	Kyriazis M	Rejuvenation Res. 2014 Aug;17(4):390-6.	2014	2014/7/30	25072550
1494	Role of arterial telomere dysfunction in hypertension: relative contributions of telomere shortening and telomere uncapping	Morgan RG	J Hypertens. 2014 Jun;32(6):1293-9.	2014	2014/4/2	24686009
1495	Induced pluripotent stem cells as a model for telomeric abnormalities in ICF type I syndrome	Sagie S	Hum Mol Genet. 2014 Jul 15;23(14):3629-40.	2014	2014/2/20	24549038
1496	Telomere length loss due to smoking and metabolic traits	Huzen J	J Intern Med. 2014 Feb;275(2):155-63.	2014	2013/10/15	24118582
1497	Relationship between leukocyte telomere length, telomerase activity, and hippocampal volume in early aging	Jacobs EG	JAMA Neurol. 2014 Jul 1;71(7):921-3.	2014	2014/7/16	25023551
1498	Telomeres shorten in response to oxidative stress in mouse skeletal muscle fibers	Ludlow AT	J Gerontol A Biol Sci Med Sci. 2014 Jul;69(7):821-30.	2014	2014/1/15	24418792
1499	[Telomerase and telomere: their structure and dynamics in health and disease]	Mengual Gómez DL	Medicina (B Aires). 2014;74(1):69-76.	2014	2014/2/25	24561847
1500	Somatic mutations found in the healthy blood compartment of a 115-yr-old woman demonstrate oligoclonal hematopoiesis	Holstege H	Genome Res. 2014 May;24(5):733-42.	2014	2014/4/25	24760347

1501	Telomere recombination preferentially occurs at short telomeres in telomerase-null type II survivors	Fu XH	PLoS One. 2014 Mar 3;9(3):e90644.	2014	2014/3/6	24594632
1502	Gastrokine 1 induces senescence and apoptosis through regulating telomere length in gastric cancer	Yoon JH	Oncotarget. 2014 Nov 30;5(22):11695-708.	2014	2014/10/27	25344918
1503	Tobacco smoke-induced lung fibrosis and emphysema	Morse D	Annu Rev Physiol. 2014;76:493-513.	2014	2013/11/27	24274738
1504	DNA-PKcs-interacting protein KIP binding to TRF2 is required for the maintenance of functional telomeres	Khadka P	Biochem J. 2014 Oct 1;463(1):19-30.	2014	2014/7/12	25012820
1505	Blood cell telomere lengths and shortening rates of chimpanzee and human females	Tackney J	Am J Hum Biol. 2014 Jul-Aug;26(4):452-60.	2014	2014/3/18	24633909
1506	Leukocyte telomere length in relation to pancreatic cancer risk: a prospective study	Campa D	Cancer Epidemiol Biomarkers Prev. 2014 Nov;23(11):2447-54.	2014	2014/8/9	25103821
1507	Cellular aging in depression: Permanent imprint or reversible process?: An overview of the current evidence, mechanistic pathways, and targets for interventions	Verhoeven JE	Bioessays. 2014 Oct;36(10):968-78.	2014	2014/8/22	25143317
1508	Weight loss associated with bariatric surgery does not restore short telomere length of severe obese patients after 1 year	Formichi C	Obes Surg. 2014 Dec;24(12):2089-93.	2014	2014/6/11	24913239
1509	Plasma irisin levels predict telomere length in healthy adults	Rana KS	Age (Dordr). 2014 Apr;36(2):995-1001.	2014	2014/1/29	24469890
1510	Accelerated telomere reduction and hepatocyte senescence in tolerated human liver allografts	Aini W	Transpl Immunol. 2014 Aug;31(2):55-9.	2014	2014/7/5	24993398
1511	Acrolein-exposed normal human lung fibroblasts in vitro: cellular senescence, enhanced telomere erosion, and degradation of Werner's syndrome protein	Jang JH	Environ Health Perspect. 2014 Sep;122(9):955-62.	2014	2014/4/22	24747221
1512	Telomerase inhibitor Imetelstat (GRN163L) limits the lifespan of human pancreatic cancer cells	Burchett KM	PLoS One. 2014 Jan 7;9(1):e85155.	2014	2014/1/11	24409321
1513	Telomere length is associated with sleep duration but not sleep quality in adults with human immunodeficiency virus	Lee KA	Sleep. 2014 Jan 1;37(1):157-66.	2014	2014/1/29	24470704
1514	DNA and RNA quadruplex-binding proteins	Brázda V	Int J Mol Sci. 2014 Sep 29;15(10):17493-517.	2014	2014/10/1	25268620
1515	Long-term quiescent fibroblast cells transit into senescence	Marthandan S	PLoS One. 2014 Dec 22;9(12):e115597.	2014	2014/12/23	25531649
1516	The MNS16A polymorphism in the TERT gene in peri-centenarians from the Han Chinese population	Liu L	Sci China Life Sci. 2014 Oct;57(10):1024-7.	2014	2014/9/14	25216705

1517	TERRA-reinforced association of LSD1 with MRE11 promotes processing of uncapped telomeres	Porro A	Cell Rep. 2014 Feb 27;6(4):765-76.	2014	2014/2/18	24529708
1518	Effect of telomere length on prognosis in men with acute coronary syndrome	Perez-Rivera JA	Am J Cardiol. 2014 Feb 1;113(3):418-21.	2014	2013/12/3	24290493
1519	Telomeric transcripts stimulate telomere recombination to suppress senescence in cells lacking telomerase	Yu TY	Proc Natl Acad Sci U S A. 2014 Mar 4;111(9):3377-82.	2014	2014/2/20	24550456
1520	Rad59-facilitated acquisition of Y' elements by short telomeres delays the onset of senescence	Churikov D	PLoS Genet. 2014 Nov 6;10(11):e1004736.	2014	2014/11/7	25375789
1521	Telomerase activation after recruitment in fission yeast	Armstrong CA	Curr Biol. 2014 Sep 8;24(17):2006-11.	2014	2014/8/19	25131669
1522	Longitudinal association of telomere length and obesity indices in an intervention study with a Mediterranean diet: the PREDIMED-NAVARRA trial	García-Calzón S	Int J Obes (Lond). 2014 Feb;38(2):177-82.	2014	2013/5/29	23711776
1523	Reduced telomere length in subjects with dementia and diabetes mellitus type 2 is independent of apolipoprotein E4 genotype	Kota LN	Asian J Psychiatr. 2014 Dec;12:58-62.	2014	2014/12/3	25440562
1524	Evaluating the physiological reserves of older patients with cancer: the value of potential biomarkers of aging?	Pallis AG	J Geriatr Oncol. 2014 Apr;5(2):204-18.	2014	2014/2/6	24495695
1525	Transcriptional outcome of telomere signalling	Ye J	Nat Rev Genet. 2014 Jul;15(7):491-503.	2014	2014/6/11	24913665
1526	Reduced telomere length is not associated with early signs of vascular aging in young men born after intrauterine growth restriction: a paradox?	Laganović M	J Hypertens. 2014 Aug;32(8):1613-19; discussion 1619-20.	2014	2014/5/9	24805953
1527	Leucocyte telomere length and risk of type 2 diabetes mellitus: new prospective cohort study and literature-based meta-analysis	Willeit P	PLoS One. 2014 Nov 12;9(11):e112483.	2014	2014/11/13	25390655
1528	Decreased telomere length in metaphase and interphase cells from newborns with trisomy 21	Wenger SL	Gene. 2014 May 25;542(1):87.	2014	2014/3/18	24630967
1529	Stem cell senescence. Effects of REAC technology on telomerase-independent and telomerase-dependent pathways	Rinaldi S	Sci Rep. 2014 Sep 16;4:6373.	2014	2014/9/17	25224681
1530	Effect of leukocyte telomere length on total and regional brain volumes in a large population-based cohort	King KS	JAMA Neurol. 2014 Oct;71(10):1247-54.	2014	2014/8/5	25090243
1531	Telomeres, telomerase and colorectal cancer	Bertorelle R	World J Gastroenterol. 2014 Feb 28;20(8):1940-50.	2014	2014/3/12	24616570
1532	Telomere length as a risk factor for hereditary prostate cancer	Hurwitz LM	Prostate. 2014 Apr;74(4):359-64.	2014	2013/11/29	24285042

1533	Telomere length and the risk of atrial fibrillation: insights into the role of biological versus chronological aging	Roberts JD	Circ Arrhythm Electrophysiol. 2014 Dec;7(6):1026-32.	2014	2014/11/11	25381796
1534	PAI-1-regulated extracellular proteolysis governs senescence and survival in Klotho mice	Eren M	Proc Natl Acad Sci U S A. 2014 May 13;111(19):7090-5.	2014	2014/4/30	24778222
1535	The circadian rhythm controls telomeres and telomerase activity	Chen WD	Biochem Biophys Res Commun. 2014 Aug 29;451(3):408-14.	2014	2014/8/12	25109806
1536	Glucose substitution prolongs maintenance of energy homeostasis and lifespan of telomere dysfunctional mice	Missios P	Nat Commun. 2014 Sep 18;5:4924.	2014	2014/9/19	25233189
1537	Telomere length and mortality following a diagnosis of ovarian cancer	Kotsopoulos J	Cancer Epidemiol Biomarkers Prev. 2014 Nov;23(11):2603-6.	2014	2014/8/28	25159293
1538	SUMOylation regulates telomere length by targeting the shelterin subunit Tpz1(Tpp1) to modulate shelterin-Stn1 interaction in fission yeast	Miyagawa K	Proc Natl Acad Sci U S A. 2014 Apr 22;111(16):5950-5.	2014	2014/4/9	24711392
1539	Another facet to the anticancer response to lamellarin D: induction of cellular senescence through inhibition of topoisomerase I and intracellular Ros production	Ballot C	Mar Drugs. 2014 Jan 27;12(2):779-98.	2014	2014/1/30	24473175
1540	RNaseH1 regulates TERRA-telomeric DNA hybrids and telomere maintenance in ALT tumour cells	Arora R	Nat Commun. 2014 Oct 21;5:5220.	2014	2014/10/22	25330849
1541	Association between short leukocyte telomere length and HIV infection in a cohort study: No evidence of a relationship with antiretroviral therapy	Zanet DL	Clin Infect Dis. 2014 May;58(9):1322-32.	2014	2014/1/25	24457340
1542	Change in peripheral blood leukocyte telomere length and mortality in breast cancer survivors	Duggan C	J Natl Cancer Inst. 2014 Apr;106(4):dju035.	2014	2014/3/15	24627273
1543	Dual disruption of DNA repair and telomere maintenance for the treatment of head and neck cancer	Lajud SA	Clin Cancer Res. 2014 Dec 15;20(24):6465-78.	2014	2014/10/18	25324139
1544	DNA sequences proximal to human mitochondrial DNA deletion breakpoints prevalent in human disease form G-quadruplexes, a class of DNA structures inefficiently unwound by the mitochondrial replicative Twinkle helicase	Bharti SK	J Biol Chem. 2014 Oct 24;289(43):29975-93.	2014	2014/9/7	25193669
1545	Telomere shortening unrelated to smoking, body weight, physical activity, and alcohol intake: 4,576 general population individuals with repeat measurements 10 years apart	Weischer M	PLoS Genet. 2014 Mar 13;10(3):e1004191.	2014	2014/3/15	24625632
1546	A TIN2 dyskeratosis congenita mutation causes telomerase-independent telomere shortening in mice	Frescas D	Genes Dev. 2014 Jan 15;28(2):153-66.	2014	2014/1/23	24449270
1547	Ageing: Live faster, die younger	Anthes E	Nature. 2014 Apr 3;508(7494):S16-7.	2014	2014/4/4	24695330
1548	A 'telomere-associated secretory phenotype' cooperates with BCR-ABL to drive malignant proliferation of leukemic cells	Braig M	Leukemia. 2014 Oct;28(10):2028-39.	2014	2014/3/8	24603533

1549	Elevated plasma magnesium and calcium may be associated with shorter telomeres in older South Australian women	O'Callaghan NJ	J Nutr Health Aging. 2014;18(2):131-6.	2014	2014/2/14	24522463
1550	The presence of telomere fusion in sporadic colon cancer independently of disease stage, TP53/KRAS mutation status, mean telomere length, and telomerase activity	Tanaka H	Neoplasia. 2014 Oct 23;16(10):814-23.	2014	2014/11/8	25379018
1551	Heart failure with preserved ejection fraction: molecular pathways of the aging myocardium	Loffredo FS	Circ Res. 2014 Jun 20;115(1):97-107.	2014	2014/6/22	24951760
1552	Essential role for the TRF2 telomere protein in adult skin homeostasis	Martínez P	Aging Cell. 2014 Aug;13(4):656-68.	2014	2014/4/15	24725274
1553	Stress induced premature senescence: a new culprit in ovarian tumorigenesis?	Raghuram GV	Indian J Med Res. 2014 Nov;140 Suppl(Suppl 1):S120-9.	2014	2015/2/13	25673532
1554	Altered expression of genes associated with telomere maintenance and cell function of human vascular endothelial cell at elevated temperature	Maeda T	Mol Cell Biochem. 2014 Dec;397(1-2):305-12.	2014	2014/8/22	25142166
1555	Reprogramming suppresses premature senescence phenotypes of Werner syndrome cells and maintains chromosomal stability over long-term culture	Shimamoto A	PLoS One. 2014 Nov 12;9(11):e112900.	2014	2014/11/13	25390333
1556	At short telomeres Tel1 directs early replication and phosphorylates Rif1	Sridhar A	PLoS Genet. 2014 Oct 16;10(10):e1004691.	2014	2014/10/21	25329891
1557	Telomere stability and development of ctc1 mutants are rescued by inhibition of EJ recombination pathways in a telomerase-dependent manner	Amiard S	Nucleic Acids Res. 2014 Oct 29;42(19):11979-91.	2014	2014/10/3	25274733
1558	Telomere dysfunction accurately predicts clinical outcome in chronic lymphocytic leukaemia, even in patients with early stage disease	Lin TT	Br J Haematol. 2014 Oct;167(2):214-23.	2014	2014/7/4	24990087
1559	Persistent telomere cohesion triggers a prolonged anaphase	Kim MK	Mol Biol Cell. 2014 Jan;25(1):30-40.	2014	2013/11/1	24173716
1560	Leucocyte telomere shortening in relation to newly diagnosed type 2 diabetic patients with depression	Liu Z	Oxid Med Cell Longev. 2014;2014:673959.	2014	2014/5/29	24868316
1561	Longer telomeres are associated with cancer risk in MMR-proficient hereditary non-polyposis colorectal cancer	Seguí N	PLoS One. 2014 Feb 3;9(2):e86063.	2014	2014/2/6	24498269
1562	MST-312 Alters Telomere Dynamics, Gene Expression Profiles and Growth in Human Breast Cancer Cells	Gurung RL	J Nutrigenet Nutrigenomics. 2014;7(4-6):283-98.	2014	2015/5/30	26022559
1563	Endothelial cellular senescence is inhibited by liver X receptor activation with an additional mechanism for its atheroprotection in diabetes	Hayashi T	Proc Natl Acad Sci U S A. 2014 Jan 21;111(3):1168-73.	2014	2014/1/9	24398515
1564	Length-dependent processing of telomeres in the absence of telomerase	Fallet E	Nucleic Acids Res. 2014 Apr;42(6):3648-65.	2014	2014/1/8	24393774

1565	Adverse childhood experiences and leukocyte telomere maintenance in depressed and healthy adults	Chen SH	J Affect Disord. 2014 Dec;169:86-90.	2014	2014/9/1	25173430
1566	Telomere dysfunction in peripheral blood mononuclear cells from patients with primary biliary cirrhosis	Invernizzi P	Dig Liver Dis. 2014 Apr;46(4):363-8.	2014	2014/1/1	24378524
1567	Short leukocyte telomere length predicts poor prognosis and indicates altered immune functions in colorectal cancer patients	Chen Y	Ann Oncol. 2014 Apr;25(4):869-876.	2014	2014/3/11	24608194
1568	Links between nucleolar activity, rDNA stability, aneuploidy and chronological aging in the yeast Saccharomyces cerevisiae	Lewinska A	Biogerontology. 2014 Jun;15(3):289-316.	2014	2014/4/9	24711086
1569	Non-small cell lung cancer is susceptible to induction of DNA damage responses and inhibition of angiogenesis by telomere overhang oligonucleotides	Puri N	Cancer Lett. 2014 Feb 1;343(1):14-23.	2014	2013/9/18	24041868
1570	Relevance of telomere/telomerase system impairment in early stage chronic lymphocytic leukemia	Hoxha M	Genes Chromosomes Cancer. 2014 Jul;53(7):612-21.	2014	2014/4/8	24706380
1571	A cascade leading to premature aging phenotypes including abnormal tumor profiles in Werner syndrome (review)	Sugimoto M	Int J Mol Med. 2014 Feb;33(2):247-53.	2014	2013/12/21	24356923
1572	Direct comparison of flow-FISH and qPCR as diagnostic tests for telomere length measurement in humans	Gutierrez-Rodrigues F	PLoS One. 2014 Nov 19;9(11):e113747.	2014	2014/11/20	25409313
1573	Lack of causal relationship between leukocyte telomere length and coronary heart disease	Cui G	Atherosclerosis. 2014 Apr;233(2):375-380.	2014	2014/2/18	24530766
1574	Senescence effects of Angelica sinensis polysaccharides on human acute myelogenous leukemia stem and progenitor cells	Liu J	Asian Pac J Cancer Prev. 2014 Jan;14(11):6549-56.	2014	2014/1/1	24377566
1575	A switch-like dynamic mechanism for the initiation of replicative senescence	Zhang QH	FEBS Lett. 2014 Nov 28;588(23):4369-74.	2014	2014/10/16	25315415
1576	Telomere and telomerase in chronic liver disease and hepatocarcinoma	Carulli L	World J Gastroenterol. 2014 May 28;20(20):6287-92.	2014	2014/5/31	24876749
1577	Tel1ATM dictates the replication timing of short yeast telomeres	Cooley C	EMBO Rep. 2014 Oct;15(10):1093-101.	2014	2014/8/15	25122631
1578	Molecular characterization of collaborator of ARF (CARF) as a DNA damage response and cell cycle checkpoint regulatory protein	Singh R	Exp Cell Res. 2014 Apr 1;322(2):324-34.	2014	2014/2/4	24485912
1579	Standardization and safety of alveolar bone-derived stem cell isolation	Mason S	J Dent Res. 2014 Jan;93(1):55-61.	2014	2013/10/31	24170370
1580	Targeting DNA-PKcs and telomerase in brain tumour cells	Gurung RL	Mol Cancer. 2014 Oct 13;13:232.	2014	2014/10/14	25307264

1581	p53 pathway activation by telomere attrition in X-DC primary fibroblasts occurs in the absence of ribosome biogenesis failure and as a consequence of DNA damage	Carrillo J	Clin Transl Oncol. 2014 Jun;16(6):529-38.	2014	2013/9/26	24065372
1582	Telomerase enzymatic component hTERT shortens long telomeres in human cells	Zheng YL	Cell Cycle. 2014;13(11):1765-76.	2014	2014/4/12	24721976
1583	Short telomeres and chromosome instability prior to histologic malignant progression and cytogenetic aneuploidy in papillary urothelial neoplasms	Izumiyama-Shimomura N	Urol Oncol. 2014 Feb;32(2):135-45.	2014	2013/3/21	23510865
1584	Biomarkers of oxidative stress and cataract. Novel drug delivery therapeutic strategies targeting telomere reduction and the expression of telomerase activity in the lens epithelial cells with N-acetylcarnosine lubricant eye drops: anti-cataract which helps to	Babizhayev MA	Curr Drug Deliv. 2014;11(1):24-61.	2014	2014/5/1	24783234
1585	Metabolic dysfunction consistent with premature aging results from deletion of Pim kinases	Din S	Circ Res. 2014 Jul 18;115(3):376-87.	2014	2014/6/12	24916111
1586	Effect of cytotoxic chemotherapy on markers of molecular age in patients with breast cancer	Sanoff HK	J Natl Cancer Inst. 2014 Apr;106(4):dju057.	2014	2014/4/1	24681605
1587	Chronic inflammation and angiogenic signaling axis impairs differentiation of dental-pulp stem cells	Boyle M	PLoS One. 2014 Nov 26;9(11):e113419.	2014	2014/11/27	25427002
1588	The hallmarks of aging	López-Otín C	Cell. 2013 Jun 6;153(6):1194-217.	2013	2013/6/11	23746838
1589	Telomeres and early-life stress: an overview	Price LH	Biol Psychiatry. 2013 Jan 1;73(1):15-23.	2013	2012/7/27	22831981
1590	The roles of senescence and telomere shortening in cardiovascular disease	Fyhrquist F	Nat Rev Cardiol. 2013 May;10(5):274-83.	2013	2013/3/13	23478256
1591	Telomeric impact of conventional chemotherapy	Lu Y	Front Med. 2013 Dec;7(4):411-7.	2013	2013/10/25	24155095
1592	Telomeres and age-related disease: how telomere biology informs clinical paradigms	Armanios M	J Clin Invest. 2013 Mar;123(3):996-1002.	2013	2013/3/5	23454763
1593	Are aging biomarkers clinically relevant in oncogeriatrics?	Falandry C	Crit Rev Oncol Hematol. 2013 Mar;85(3):257-65.	2013	2012/9/6	22948097
1594	[Telomeres, aging and Cushing's syndrome: are they related?]	Aulinas A	Endocrinol Nutr. 2013 Jun-Jul;60(6):329-35.	2013	2012/12/11	23218933
1595	Sowing the seeds of cancer: telomeres and age-associated tumorigenesis	Pereira B	Curr Opin Oncol. 2013 Jan;25(1):93-8.	2013	2012/12/6	23211840
1596	Is socioeconomic status associated with biological aging as measured by telomere length?	Robertson T	Epidemiol Rev. 2013;35(1):98-111.	2013	2012/12/22	23258416

1597	How will telomeric complex be further contributed to our longevity? - the potential novel biomarkers of telomere complex counteracting both aging and cancer	Lu Y	Protein Cell. 2013 Aug;4(8):573-81.	2013	2013/7/19	23864530
1598	Rejuvenation of senescent cells-the road to postponing human aging and age-related disease?	Sikora E	Exp Gerontol. 2013 Jul;48(7):661-6.	2013	2012/10/16	23064316
1599	Age, sex, and telomere dynamics in a long-lived seabird with male-biased parental care	Young RC	PLoS One. 2013 Sep 4;8(9):e74931.	2013	2013/9/12	24023967
1600	Telomere length and cognitive function in southern Chinese community-dwelling male elders	Ma SL	Age Ageing. 2013 Jul;42(4):450-5.	2013	2013/3/23	23519133
1601	Tissue senescence and periodontal disease--a reciprocal association?	Jönsson D	Arch Oral Biol. 2013 Jul;58(7):753-4.	2013	2013/1/29	23352444
1602	Leukocyte telomere length and the father's age enigma: implications for population health and for life course	Aviv A	Int J Epidemiol. 2013 Apr;42(2):457-62.	2013	2013/2/6	23382366
1603	Dynamics of telomere length in different age groups in a Latvian population	Zole E	Curr Aging Sci. 2013 Dec;6(3):244-50.	2013	2013/8/8	23919820
1604	Leukocyte telomere dynamics in the elderly	Steenstrup T	Eur J Epidemiol. 2013 Feb;28(2):181-7.	2013	2013/2/23	23430034
1605	How does the body know how old it is? Introducing the epigenetic clock hypothesis	Mitteldorf JJ	Biochemistry (Mosc). 2013 Sep;78(9):1048-53.	2013	2013/11/16	24228927
1606	Tracking and fixed ranking of leukocyte telomere length across the adult life course	Benetos A	Aging Cell. 2013 Aug;12(4):615-21.	2013	2013/4/23	23601089
1607	The relationship between leukocyte mitochondrial DNA copy number and telomere length in community-dwelling elderly women	Kim JH	PLoS One. 2013 Jun 13;8(6):e67227.	2013	2013/6/21	23785520
1608	Age-independent telomere shortening and ion-channel defects in SCD	Banerjee B	Nat Rev Cardiol. 2013 Jun;10(6):362.	2013	2013/5/1	23629439
1609	Telomeres: Plan B for staying long	David R	Nat Rev Mol Cell Biol. 2013 Nov;14(11):690.	2013	2013/9/26	24064542
1610	Moderate stem-cell telomere shortening rate postpones cancer onset in a stochastic model	Holbek S	Phys Rev E Stat Nonlin Soft Matter Phys. 2013 Oct;88(4):042706.	2013	2013/11/16	24229212
1611	Do leukocyte telomere length dynamics depend on baseline telomere length? An analysis that corrects for 'regression to the mean'	Verhulst S	Eur J Epidemiol. 2013 Nov;28(11):859-66.	2013	2013/8/31	23990212
1612	Commentary: The evolutionary biology of the paternal age effect on telomere length	Eisenberg DT	Int J Epidemiol. 2013 Apr;42(2):462-5.	2013	2013/3/9	23471838

1613	Senescence: back to telomeres	Jacobs JJ	Nat Rev Mol Cell Biol. 2013 Apr;14(4):196.	2013	2013/7/13	23847780
1614	Telomeres shorten at equivalent rates in somatic tissues of adults	Daniali L	Nat Commun. 2013;4:1597.	2013	2013/3/21	23511462
1615	Telomeres and cardiovascular disease risk: an update 2013	Nilsson PM	Transl Res. 2013 Dec;162(6):371-80.	2013	2013/6/11	23748031
1616	Telomere biology and translational research	Mason PJ	Transl Res. 2013 Dec;162(6):333-42.	2013	2013/9/28	24070997
1617	Bottom of the heap: having heavier competitors accelerates early-life telomere loss in the European starling, Sturnus vulgaris	Nettle D	PLoS One. 2013 Dec 27;8(12):e83617.	2013	2014/1/4	24386235
1618	[Comparison of Southern blotting and Real-time PCR in measuring telomere shortening]	Gao LY	Beijing Da Xue Xue Bao Yi Xue Ban. 2013 Apr 18;45(2):297-302.	2013	2013/4/18	23591355
1619	Biochemical markers of aging for longitudinal studies in humans	Engelfriet PM	Epidemiol Rev. 2013;35(1):132-51.	2013	2013/2/6	23382477
1620	Telomeres, cancer & aging: live long & prosper?	Eissenberg JC	Mo Med. 2013 Jan-Feb;110(1):11-6.	2013	2013/3/6	23457740
1621	Long-term functional engraftment of mesenchymal progenitor cells in a mouse model of accelerated aging	Singh L	Stem Cells. 2013 Mar;31(3):607-11.	2013	2012/11/30	23193076
1622	Telomere shortening in liver transplant recipients is not influenced by underlying disease or metabolic derangements	Uziel O	Ann Transplant. 2013 Oct 21;18:567-75.	2013	2013/10/22	24141383
1623	T cell replicative senescence in human aging	Chou JP	Curr Pharm Des. 2013;19(9):1680-98.	2013	2012/10/16	23061726
1624	Longer leukocyte telomere length in Costa Rica's Nicoya Peninsula: a population-based study	Rehkopf DH	Exp Gerontol. 2013 Nov;48(11):1266-73.	2013	2013/8/31	23988653
1625	Telomeres and human reproduction	Kalmbach KH	Fertil Steril. 2013 Jan;99(1):23-29.	2013	2013/1/1	23273986
1626	Telomere length and telomerase activity; a Yin and Yang of cell senescence	Axelrad MD	J Vis Exp. 2013 May 22;(75):e50246.	2013	2013/6/4	23728273
1627	Genome stability: Specialist responses at telomeres	Burgess DJ	Nat Rev Genet. 2013 Sep;14(9):597.	2013	2013/7/24	23877500
1628	Gender and longevity: why do men die earlier than women? Comparative and experimental evidence	Regan JC	Best Pract Res Clin Endocrinol Metab. 2013 Aug;27(4):467-79.	2013	2013/9/24	24054925

1629	Older adults with higher income or marriage have longer telomeres	Yen YC	Age Ageing. 2013 Mar;42(2):234-9.	2013	2012/9/7	22951603
1630	Do telomeres adapt to physiological stress? Exploring the effect of exercise on telomere length and telomere-related proteins	Ludlow AT	Biomed Res Int. 2013;2013:601368.	2013	2014/1/24	24455708
1631	Telomeres and endocrine dysfunction of the adrenal and GH/IGF-1 axes	Aulinas A	Clin Endocrinol (Oxf). 2013 Dec;79(6):751-9.	2013	2013/8/14	23937625
1632	Telomere biology: cancer firewall or aging clock?	Mitteldorf JJ	Biochemistry (Mosc). 2013 Sep;78(9):1054-60.	2013	2013/11/16	24228928
1633	The THO complex component Thp2 counteracts telomeric R-loops and telomere shortening	Pfeiffer V	EMBO J. 2013 Oct 30;32(21):2861-71.	2013	2013/10/3	24084588
1634	Stem cell function and maintenance - ends that matter: role of telomeres and telomerase	Saeed H	J Biosci. 2013 Sep;38(3):641-9.	2013	2013/8/14	23938394
1635	Telomere length in epidemiology: a biomarker of aging, age-related disease, both, or neither?	Sanders JL	Epidemiol Rev. 2013;35(1):112-31.	2013	2013/1/11	23302541
1636	Are leukocytes in asthmatic patients aging faster? A study of telomere length and disease severity	Kyoh S	J Allergy Clin Immunol. 2013 Aug;132(2):480-2.e2.	2013	2013/3/29	23534972
1637	Molecular adaptation of telomere associated genes in mammals	Morgan CC	BMC Evol Biol. 2013 Nov 15;13:251.	2013	2013/11/19	24237966
1638	A metabolic signature predicts biological age in mice	Tomás-Loba A	Aging Cell. 2013 Feb;12(1):93-101.	2013	2012/10/31	23107558
1639	Seasonal variation in telomere length of a hibernating rodent	Turbill C	Biol Lett. 2013 Feb 6;9(2):20121095.	2013	2013/2/8	23389666
1640	Cellular senescence in cardiovascular diseases: potential age-related mechanisms and implications for treatment	Olivieri F	Curr Pharm Des. 2013;19(9):1710-9.	2013	2012/10/16	23061728
1641	Do symptoms of depression predict telomere length? Evidence from the west of Scotland twenty-07 study	Phillips AC	Psychosom Med. 2013 Apr;75(3):288-96.	2013	2013/3/21	23513237
1642	Implications of telomere-independent activities of telomerase reverse transcriptase in human cancer	Ding D	FEBS J. 2013 Jul;280(14):3205-11.	2013	2013/3/27	23527617
1643	MicroRNA-34a regulates cardiac ageing and function	Boon RA	Nature. 2013 Mar 7;495(7439):107-10.	2013	2013/2/22	23426265
1644	A new pleiotropic effect of statins in elderly: modulation of telomerase activity	Boccardi V	FASEB J. 2013 Sep;27(9):3879-85.	2013	2013/6/11	23748973

1645	Telomere length in elderly Caucasians weakly correlates with blood cell counts	Gutmajster E	ScientificWorldJournal. 2013 Dec 21;2013:153608.	2013	2014/1/24	24453794
1646	Assessment of candidate ocular biomarkers of ageing in a South African adult population: relationship with chronological age and systemic biomarkers	Pathai S	Mech Ageing Dev. 2013 Jul-Aug;134(7-8):338-45.	2013	2013/5/25	23701820
1647	Aging bone marrow mesenchymal stromal cells have altered membrane glycerophospholipid composition and functionality	Kilpinen L	J Lipid Res. 2013 Mar;54(3):622-635.	2013	2012/12/29	23271708
1648	New quinazoline derivatives for telomeric G-quadruplex DNA: effects of an added phenyl group on quadruplex binding ability	He JH	Eur J Med Chem. 2013 May;63:1-13.	2013	2013/3/5	23454529
1649	Telomerase is required for zebrafish lifespan	Henriques CM	PLoS Genet. 2013;9(1):e1003214.	2013	2013/1/26	23349637
1650	Extent and variability of interstitial telomeric sequences and their effects on estimates of telomere length	Foote CG	Mol Ecol Resour. 2013 May;13(3):417-28.	2013	2013/2/13	23398661
1651	Influence of age on wound healing and fibrosis	Kapetanaki MG	J Pathol. 2013 Jan;229(2):310-22.	2013	2012/11/6	23124998
1652	Telomeric RNA-DNA hybrids affect telomere-length dynamics and senescence	Balk B	Nat Struct Mol Biol. 2013 Oct;20(10):1199-205.	2013	2013/9/10	24013207
1653	Immunosenescence is associated with human cytomegalovirus and shortened telomeres in type I bipolar disorder	Rizzo LB	Bipolar Disord. 2013 Dec;15(8):832-8.	2013	2013/9/12	24021055
1654	Deacetylase SIRT6 deaccelerates endothelial senescence	Shen J	Cardiovasc Res. 2013 Mar 1;97(3):391-2.	2013	2012/12/22	23257021
1655	The relationship between ultra-short telomeres, aging of articular cartilage and the development of human hip osteoarthritis	Harbo M	Mech Ageing Dev. 2013 Sep;134(9):367-72.	2013	2013/7/23	23872258
1656	Feline chronic kidney disease is associated with shortened telomeres and increased cellular senescence	Quimby JM	Am J Physiol Renal Physiol. 2013 Aug 1;305(3):F295-303.	2013	2013/5/31	23720342
1657	The effect of age on human adipose-derived stem cells	Wu W	Plast Reconstr Surg. 2013 Jan;131(1):27-37.	2013	2012/9/12	22965240
1658	The role of telomere length modulation in delayed chromosome instability induced by ionizing radiation in human primary fibroblasts	Berardinelli F	Environ Mol Mutagen. 2013 Apr;54(3):172-9.	2013	2013/2/13	23401031
1659	The impact of age on the physical and cellular properties of the human limbal stem cell niche	Notara M	Age (Dordr). 2013 Apr;35(2):289-300.	2013	2012/1/19	22252434
1660	Nature vs nurture: interplay between the genetic control of telomere length and environmental factors	Harari Y	Cell Cycle. 2013 Nov 15;12(22):3465-70.	2013	2013/10/5	24091626

1661	Age-dependence of relative telomere length profiles during spermatogenesis in man	Jørgensen PB	Maturitas. 2013 Aug;75(4):380-5.	2013	2013/6/15	23764353
1662	Alterations in the telomere length distribution and the subtelomeric methylation status in human vascular endothelial cells under elevated temperature in culture condition	Maeda T	Aging Clin Exp Res. 2013 Jun;25(3):231-8.	2013	2013/6/7	23740586
1663	Young adults with shorter telomeres have lower resistance to colds		BMJ. 2013 Feb 27;346:f1220.	2013	2013/3/1	23447340
1664	Eroded human telomeres are more prone to remain uncapped and to trigger a G2 checkpoint response	Jullien L	Nucleic Acids Res. 2013 Jan;41(2):900-11.	2013	2012/11/30	23193277
1665	An epigenetic component of hematopoietic stem cell aging amenable to reprogramming into a young state	Wahlestedt M	Blood. 2013 May 23;121(21):4257-64.	2013	2013/3/12	23476050
1666	Environmental perturbations influence telomere dynamics in long-lived birds in their natural habitat	Mizutani Y	Biol Lett. 2013 Aug 14;9(5):20130511.	2013	2013/8/16	23945210
1667	Age-related telomere uncapping is associated with cellular senescence and inflammation independent of telomere shortening in human arteries	Morgan RG	Am J Physiol Heart Circ Physiol. 2013 Jul 15;305(2):H251-8.	2013	2013/5/14	23666675
1668	The length of the shortest telomere as the major determinant of the onset of replicative senescence	Xu Z	Genetics. 2013 Aug;194(4):847-57.	2013	2013/6/5	23733785
1669	Differential shortening rate of telomere length in the development of human fetus	Cheng G	Biochem Biophys Res Commun. 2013 Dec 6;442(1-2):112-5.	2013	2013/11/20	24246679
1670	Telomere length behaves as biomarker of somatic redundancy rather than biological age	Boonekamp JJ	Aging Cell. 2013 Apr;12(2):330-2.	2013	2013/1/26	23346961
1671	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect	Broer L	Eur J Hum Genet. 2013 Oct;21(10):1163-8.	2013	2013/1/17	23321625
1672	Association between anxiety but not depressive disorders and leukocyte telomere length after 2 years of follow-up in a population-based sample	Hoen PW	Psychol Med. 2013 Apr;43(4):689-97.	2013	2012/8/11	22877856
1673	Stem cell expansion during carcinogenesis in stem cell-depleted conditional telomeric repeat factor 2 null mutant mice	Bojovic B	Oncogene. 2013 Oct 24;32(43):5156-66.	2013	2012/11/27	23178498
1674	Biology of telomeres: importance in etiology of esophageal cancer and as therapeutic target	Pal J	Transl Res. 2013 Dec;162(6):364-70.	2013	2013/10/5	24090770
1675	ZNF365 promotes stability of fragile sites and telomeres	Zhang Y	Cancer Discov. 2013 Jul;3(7):798-811.	2013	2013/6/19	23776040
1676	A quantitative telomeric chromatin isolation protocol identifies different telomeric states	Grolimund L	Nat Commun. 2013;4:2848.	2013	2013/11/26	24270157

1677	Accumulation of DNA damage-induced chromatin alterations in tissue-specific stem cells: the driving force of aging?	Schuler N	PLoS One. 2013 May 17;8(5):e63932.	2013	2013/5/22	23691119
1678	Current employment status, occupational category, occupational hazard exposure and job stress in relation to telomere length: the Multiethnic Study of Atherosclerosis (MESA)	Fujishiro K	Occup Environ Med. 2013 Aug;70(8):552-60.	2013	2013/5/21	23686115
1679	Molecular markers of cardiovascular damage in hypertension	Armani C	Curr Pharm Des. 2013;19(13):2341-50.	2013	2012/11/24	23173583
1680	Anti-aging effects of vitamin C on human pluripotent stem cell-derived cardiomyocytes	Kim YY	Age (Dordr). 2013 Oct;35(5):1545-57.	2013	2012/7/31	22843416
1681	Telomerase reverse transcriptase synergizes with calorie restriction to increase health span and extend mouse longevity	Vera E	PLoS One. 2013;8(1):e53760.	2013	2013/1/26	23349740
1682	Innate sexuality determines the mechanisms of telomere maintenance	Tasaka K	Int J Dev Biol. 2013;57(1):69-72.	2013	2013/1/16	23319366
1683	Multiscale in situ analysis of the role of dyskerin in lung cancer cells	Fernandez-Garcia I	Integr Biol (Camb). 2013 Feb;5(2):402-13.	2013	2012/12/13	23233094
1684	[Effect of Angelica sinensis polysaccharide on expression of telomere, telomerase and P53 in mice aging hematopoietic stem cells]	Zhang XP	Zhongguo Zhong Yao Za Zhi. 2013 Jul;38(14):2354-8.	2013	2013/11/9	24199571
1685	Telomere length and genetic anticipation in Lynch syndrome	Seguí N	PLoS One. 2013 Apr 23;8(4):e61286.	2013	2013/5/3	23637804
1686	Telomere dynamics in mice and humans	Calado RT	Semin Hematol. 2013 Apr;50(2):165-74.	2013	2013/8/20	23956466
1687	Telomere length and adrenergic-induced left ventricular dilatation and systolic chamber dysfunction in rats	Raymond AR	Eur J Appl Physiol. 2013 Nov;113(11):2803-11.	2013	2013/9/25	24062009
1688	Accelerated biological ageing in HIV-infected individuals in South Africa: a case-control study	Pathai S	AIDS. 2013 Sep 24;27(15):2375-84.	2013	2013/6/12	23751258
1689	The telomere deprotection response is functionally distinct from the genomic DNA damage response	Cesare AJ	Mol Cell. 2013 Jul 25;51(2):141-55.	2013	2013/7/16	23850488
1690	Serine/threonine-protein phosphatase 2A physically interacts with human telomerase reverse transcriptase hTERT and regulates its subcellular distribution	Xi P	J Cell Biochem. 2013 Feb;114(2):409-17.	2013	2012/9/11	22961627
1691	DNA damage signaling induced by the G-quadruplex ligand 12459 is modulated by PPM1D/WIP1 phosphatase	Douarre C	Nucleic Acids Res. 2013 Apr 1;41(6):3588-99.	2013	2013/2/12	23396447
1692	Short telomere length in blood leucocytes contributes to the presence of atherothrombotic stroke and haemorrhagic stroke and risk of post-stroke death	Zhang W	Clin Sci (Lond). 2013 Mar 13;125(1):27-36.	2013	2013/1/18	23323942

1693	Environmental and occupational exposure to chemicals and telomere length in human studies	Zhang X	Occup Environ Med. 2013 Oct;70(10):743-9.	2013	2013/6/19	23775864
1694	Telomerase gene mutation screening and telomere overhang detection in Chinese patients with acute myeloid leukemia	Yan S	Leuk Lymphoma. 2013 Jul;54(7):1437-41.	2013	2012/11/20	23157242
1695	Aging does not enhance experimental cigarette smoke-induced COPD in the mouse	Zhou S	PLoS One. 2013 Aug 2;8(8):e71410.	2013	2013/8/13	23936505
1696	Drug addiction is associated with leukocyte telomere length	Yang Z	Sci Rep. 2013;3:1542.	2013	2013/3/27	23528991
1697	Nestling telomere length does not predict longevity, but covaries with adult body size in wild barn swallows	Caprioli M	Biol Lett. 2013 Jul 24;9(5):20130340.	2013	2013/7/26	23883575
1698	Telomere recombination and alternative telomere lengthening mechanisms	Draskovic I	Front Biosci (Landmark Ed). 2013 Jan 1;18:1-20.	2013	2013/1/2	23276906
1699	Telomeric noncoding RNA TERRA is induced by telomere shortening to nucleate telomerase molecules at short telomeres	Cusanelli E	Mol Cell. 2013 Sep 26;51(6):780-91.	2013	2013/10/1	24074956
1700	Increased expression of senescence markers in cystic fibrosis airways	Fischer BM	Am J Physiol Lung Cell Mol Physiol. 2013 Mar 15;304(6):L394-400.	2013	2013/1/15	23316069
1701	REST-dependent expression of TRF2 renders non-neuronal cancer cells resistant to DNA damage during oxidative stress	Kwon JH	Int J Cancer. 2013 Feb 15;132(4):832-42.	2013	2012/7/24	22821339
1702	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling	Olivieri F	Age (Dordr). 2013 Aug;35(4):1157-72.	2013	2012/6/14	22692818
1703	A glioblastoma neurosphere line with alternative lengthening of telomeres	Heaphy CM	Acta Neuropathol. 2013 Oct;126(4):607-8.	2013	2013/9/12	24022427
1704	Regulation of telomere length by G-quadruplex telomere DNA- and TERRA-binding protein TLS/FUS	Takahama K	Chem Biol. 2013 Mar 21;20(3):341-50.	2013	2013/3/26	23521792
1705	Intake of small-to-medium-chain saturated fatty acids is associated with peripheral leukocyte telomere length in postmenopausal women	Song Y	J Nutr. 2013 Jun;143(6):907-14.	2013	2013/4/26	23616516
1706	Platelets in Alzheimer's disease-associated cellular senescence and inflammation	Casoli T	Curr Pharm Des. 2013;19(9):1727-38.	2013	2012/10/16	23061730
1707	Hepatocyte senescence predicts progression in non-alcohol-related fatty liver disease	Aravinthan A	J Hepatol. 2013 Mar;58(3):549-56.	2013	2012/11/13	23142622
1708	Premature aging in telomerase-deficient zebrafish	Anchelin M	Dis Model Mech. 2013 Sep;6(5):1101-12.	2013	2013/6/8	23744274

1709	Age-dependent alteration in muscle regeneration: the critical role of tissue niche	Barberi L	Biogerontology. 2013 Jun;14(3):273-92.	2013	2013/5/14	23666344
1710	The association of relative telomere length with symptomatic peripheral arterial disease: results from the CAVASIC study	Raschenberger J	Atherosclerosis. 2013 Aug;229(2):469-74.	2013	2013/7/25	23880207
1711	The luminal progenitor compartment of the normal human mammary gland constitutes a unique site of telomere dysfunction	Kannan N	Stem Cell Reports. 2013 Jun 4;1(1):28-37.	2013	2013/9/21	24052939
1712	Culturing on Wharton's jelly extract delays mesenchymal stem cell senescence through p53 and p16INK4a/pRb pathways	Hao H	PLoS One. 2013;8(3):e58314.	2013	2013/3/22	23516461
1713	Correlation of telomere length shortening with TP53 somatic mutations, polymorphisms and allelic loss in breast tumors and esophageal cancer	Hao XD	Oncol Rep. 2013 Jan;29(1):226-36.	2013	2012/11/6	23124483
1714	Mutations in the telomere capping complex in bone marrow failure and related syndromes	Walne AJ	Haematologica. 2013 Mar;98(3):334-8.	2013	2012/8/18	22899577
1715	Ocular parameters of biological ageing in HIV-infected individuals in South Africa: relationship with chronological age and systemic biomarkers of ageing	Pathai S	Mech Ageing Dev. 2013 Sep;134(9):400-6.	2013	2013/9/3	23994067
1716	Genetic predisposition to higher body mass index or type 2 diabetes and leukocyte telomere length in the Nurses' Health Study	Du M	PLoS One. 2013;8(2):e52240.	2013	2013/2/21	23424613
1717	Homocysteine-related hTERT DNA demethylation contributes to shortened leukocyte telomere length in atherosclerosis	Zhang D	Atherosclerosis. 2013 Nov;231(1):173-9.	2013	2013/10/16	24125430
1718	Increased mammogram-induced DNA damage in mammary epithelial cells aged in vitro	Hernández L	PLoS One. 2013 May 7;8(5):e63052.	2013	2013/5/14	23667571
1719	Short telomere length, cancer survival, and cancer risk in 47102 individuals	Weischer M	J Natl Cancer Inst. 2013 Apr 3;105(7):459-68.	2013	2013/3/8	23468462
1720	Proliferation-dependent alterations of the DNA methylation landscape underlie hematopoietic stem cell aging	Beerman I	Cell Stem Cell. 2013 Apr 4;12(4):413-25.	2013	2013/2/19	23415915
1721	Telomere length homeostasis responds to changes in intracellular dNTP pools	Gupta A	Genetics. 2013 Apr;193(4):1095-105.	2013	2013/1/22	23335335
1722	Slowing the aging process	Wiggins J	Clin Geriatr Med. 2013 Aug;29(3):721-30.	2013	2013/7/16	23849016
1723	The effect of pro-inflammatory conditioning and/or high glucose on telomere shortening of aging fibroblasts	Salpea KD	PLoS One. 2013 Sep 23;8(9):e73756.	2013	2013/10/3	24086293
1724	Cytogenetic analysis of human cells reveals specific patterns of DNA damage in replicative and oncogene-induced senescence	Falcone G	Aging Cell. 2013 Apr;12(2):312-5.	2013	2012/11/22	23167636

1725	Cytomegalovirus is associated with reduced telomerase activity in the Whitehall II cohort	Dowd JB	Exp Gerontol. 2013 Apr;48(4):385-90.	2013	2013/2/14	23403382
1726	Socioeconomic status, health behavior, and leukocyte telomere length in the National Health and Nutrition Examination Survey, 1999-2002	Needham BL	Soc Sci Med. 2013 May;85:1-8.	2013	2013/4/2	23540359
1727	Telomere length analysis of human mesenchymal stem cells by quantitative PCR	Samsonraj RM	Gene. 2013 May 1;519(2):348-55.	2013	2013/2/6	23380569
1728	Plasminogen activator inhibitor-1 antagonist TM5441 attenuates Nω-nitro-L-arginine methyl ester-induced hypertension and vascular senescence	Boe AE	Circulation. 2013 Nov 19;128(21):2318-24.	2013	2013/10/5	24092817
1729	Quantitative proteomic profiling of tumor cell response to telomere dysfunction using isotope-coded protein labeling (ICPL) reveals interaction network of candidate senescence markers	Biniossek ML	J Proteomics. 2013 Oct 8;91:515-35.	2013	2013/8/24	23969227
1730	Telomere length in mantle cell lymphoma	Jebaraj BM	Blood. 2013 Feb 14;121(7):1184-7.	2013	2012/12/18	23243283
1731	Atrx deficiency induces telomere dysfunction, endocrine defects, and reduced life span	Watson LA	J Clin Invest. 2013 May;123(5):2049-63.	2013	2013/4/9	23563309
1732	Chromatin remodeling of human subtelomeres and TERRA promoters upon cellular senescence: commonalities and differences between chromosomes	Thijssen PE	Epigenetics. 2013 May;8(5):512-21.	2013	2013/5/7	23644601
1733	Accelerated fat cell aging links oxidative stress and insulin resistance in adipocytes	Monickaraj F	J Biosci. 2013 Mar;38(1):113-22.	2013	2013/2/7	23385819
1734	Inhibition of telomerase activity by human immunodeficiency virus (HIV) nucleos(t)ide reverse transcriptase inhibitors: a potential factor contributing to HIV-associated accelerated aging	Leeansyah E	J Infect Dis. 2013 Apr;207(7):1157-65.	2013	2013/1/11	23303810
1735	Leukocyte telomere length is independently associated with gait speed in elderly women	Lee JY	Maturitas. 2013 Jun;75(2):165-9.	2013	2013/4/10	23567265
1736	Shortened telomere length in patients with systemic lupus erythematosus	Haque S	Arthritis Rheum. 2013 May;65(5):1319-23.	2013	2013/2/13	23400670
1737	Reactivation of chromosomally integrated human herpesvirus-6 by telomeric circle formation	Prusty BK	PLoS Genet. 2013;9(12):e1004033.	2013	2013/12/25	24367281
1738	p16(INK4a) protects against dysfunctional telomere-induced ATR-dependent DNA damage responses	Wang Y	J Clin Invest. 2013 Oct;123(10):4489-501.	2013	2013/10/5	24091330
1739	Telomere shortening and cell senescence induced by perylene derivatives in A549 human lung cancer cells	Taka T	Bioorg Med Chem. 2013 Feb 15;21(4):883-90.	2013	2013/1/17	23321015
1740	Short telomere lengths in peripheral blood leukocytes are associated with an increased risk of oral premalignant lesion and oral squamous cell carcinoma	Bau DT	Cancer. 2013 Dec 15;119(24):4277-83.	2013	2013/10/10	24105340

1741	Multiple genetic pathways regulate replicative senescence in telomerase-deficient yeast	Ballew BJ	Aging Cell. 2013 Aug;12(4):719-27.	2013	2013/5/16	23672410
1742	Urokinase receptor mediates doxorubicin-induced vascular smooth muscle cell senescence via proteasomal degradation of TRF2	Hodjat M	J Vasc Res. 2013;50(2):109-23.	2013	2012/11/23	23172421
1743	Gene set analysis of GWAS data for human longevity highlights the relevance of the insulin/IGF-1 signaling and telomere maintenance pathways	Deelen J	Age (Dordr). 2013 Feb;35(1):235-49.	2013	2011/11/25	22113349
1744	Constitutional mutations in RTEL1 cause severe dyskeratosis congenita	Walne AJ	Am J Hum Genet. 2013 Mar 7;92(3):448-53.	2013	2013/3/5	23453664
1745	Cellular aging is associated with increased ubiquitylation of histone H2B in yeast telomeric heterochromatin	Rhie BH	Biochem Biophys Res Commun. 2013 Oct 4;439(4):570-5.	2013	2013/9/13	24025678
1746	Identification of small juvenile stem cells in aged bone marrow and their therapeutic potential for repair of the ischemic heart	Igura K	Am J Physiol Heart Circ Physiol. 2013 Nov 1;305(9):H1354-62.	2013	2013/9/3	23997098
1747	Telomeres and telomere dynamics: relevance to cancers of the GI tract	Basu N	Expert Rev Gastroenterol Hepatol. 2013 Nov;7(8):733-48.	2013	2013/10/29	24161135
1748	Telomere shortening distinguishes inverted urothelial neoplasms	Williamson SR	Histopathology. 2013 Mar;62(4):595-601.	2013	2013/2/6	23379729
1749	Suppression of Ku80 correlates with radiosensitivity and telomere shortening in the U2OS telomerase-negative osteosarcoma cell line	Hu L	Asian Pac J Cancer Prev. 2013;14(2):795-9.	2013	2013/4/30	23621240
1750	Accelerated aging during chronic oxidative stress: a role for PARP-1	Boesten DM	Oxid Med Cell Longev. 2013;2013:680414.	2013	2013/12/10	24319532
1751	Lamin A Δexon9 mutation leads to telomere and chromatin defects but not genomic instability	Das A	Nucleus. 2013 Sep-Oct;4(5):410-9.	2013	2013/10/25	24153156
1752	Human RTEL1 deficiency causes Hoyeraal-Hreidarsson syndrome with short telomeres and genome instability	Le Guen T	Hum Mol Genet. 2013 Aug 15;22(16):3239-49.	2013	2013/4/18	23591994
1753	Mechanism of DNA damage responses induced by exposure to an oligonucleotide homologous to the telomere overhang in melanoma	Pitman RT	Oncotarget. 2013 May;4(5):761-71.	2013	2013/6/27	23800953
1754	Early telomere shortening and genomic instability in tubo-ovarian preneoplastic lesions	Chene G	Clin Cancer Res. 2013 Jun 1;19(11):2873-82.	2013	2013/4/17	23589176
1755	Caenorhabditis elegans POT-1 and POT-2 repress telomere maintenance pathways	Shtessel L	G3 (Bethesda). 2013 Feb;3(2):305-13.	2013	2013/2/8	23390606
1756	The mINO80 chromatin remodeling complex is required for efficient telomere replication and maintenance of genome stability	Min JN	Cell Res. 2013 Dec;23(12):1396-413.	2013	2013/8/28	23979016

1757	Longer leukocyte telomeres are associated with ultra-endurance exercise independent of cardiovascular risk factors	Denham J	PLoS One. 2013 Jul 31;8(7):e69377.	2013	2013/8/13	23936000
1758	Telomere dysfunction and tumor suppression responses in dyskeratosis congenita: balancing cancer and tissue renewal impairment	Hartwig FP	Ageing Res Rev. 2013 Mar;12(2):642-52.	2013	2013/4/2	23541441
1759	SIRT6 protects human endothelial cells from DNA damage, telomere dysfunction, and senescence	Cardus A	Cardiovasc Res. 2013 Mar 1;97(3):571-9.	2013	2012/12/4	23201774
1760	Inherited mutations in the helicase RTEL1 cause telomere dysfunction and Hoyeraal-Hreidarsson syndrome	Deng Z	Proc Natl Acad Sci U S A. 2013 Sep 3;110(36):E3408-16.	2013	2013/8/21	23959892
1761	Establishment and characterization of a telomerase immortalized human gingival epithelial cell line	Moffatt-Jauregui CE	J Periodontal Res. 2013 Dec;48(6):713-21.	2013	2013/2/28	23441958
1762	Histone methyltransferase Suv39h1 deficiency prevents Myc-induced chromosomal instability in murine myeloid leukemias	Vajen B	Genes Chromosomes Cancer. 2013 Apr;52(4):423-30.	2013	2013/1/24	23340989
1763	Augmented telomerase activity and reduced telomere length in parthenium-induced contact dermatitis	Akhtar N	J Eur Acad Dermatol Venereol. 2013 Oct;27(10):1222-7.	2013	2012/9/6	22946492
1764	Cytomegalovirus contributes partly to uraemia-associated premature immunological ageing of the T cell compartment	Meijers RW	Clin Exp Immunol. 2013 Dec;174(3):424-32.	2013	2013/8/22	23962178
1765	Premature cell senescence and T cell receptor-independent activation of CD8+ T cells in juvenile idiopathic arthritis	Dvergsten JA	Arthritis Rheum. 2013 Aug;65(8):2201-10.	2013	2013/5/21	23686519
1766	Systemic inflammatory biomarkers and co-morbidities of chronic obstructive pulmonary disease	MacNee W	Ann Med. 2013 May;45(3):291-300.	2013	2012/11/1	23110517
1767	Genetics of leukocyte telomere length and its role in atherosclerosis	Aviv A	Mutat Res. 2012 Feb 1;730(1-2):68-74.	2012	2011/5/24	21600224
1768	Exploring the utility of genetic markers for predicting biological age	Saeed M	Leg Med (Tokyo). 2012 Nov;14(6):279-85.	2012	2012/7/10	22770678
1769	Beyond average: potential for measurement of short telomeres	Vera E	Aging (Albany NY). 2012 Jun;4(6):379-92.	2012	2012/6/12	22683684
1770	Assessing cell and organ senescence biomarkers	Bernardes de Jesus B	Circ Res. 2012 Jun 22;111(1):97-109.	2012	2012/6/23	22723221
1771	Consequences of telomere shortening during lifespan	Henriques CM	Curr Opin Cell Biol. 2012 Dec;24(6):804-8.	2012	2012/11/7	23127607
1772	Telomere shortening and ionizing radiation: a possible role in vascular dysfunction?	Sabatino L	Int J Radiat Biol. 2012 Nov;88(11):830-9.	2012	2012/7/6	22762309

1773	Telomere shortening is a sole mechanism of aging in mammals	Mikhelson VM	Curr Aging Sci. 2012 Dec;5(3):203-8.	2012	2013/2/8	23387887
1774	Telomere length and mental well-being in elderly men from the Netherlands and Greece	Rius-Ottenheim N	Behav Genet. 2012 Mar;42(2):278-86.	2012	2011/8/27	21870178
1775	Accelerated cellular senescence in solid tumor therapy	Wu PC	Exp Oncol. 2012 Oct;34(3):298-305.	2012	2012/10/17	23070015
1776	Human skin fibroblast telomeres are shortened after ultraviolet irradiation	Ma HM	J Int Med Res. 2012;40(5):1871-7.	2012	2012/12/5	23206469
1777	Telomere dynamics in human mesenchymal stem cells after exposure to acute oxidative stress	Harbo M	DNA Repair (Amst). 2012 Sep 1;11(9):774-9.	2012	2012/7/13	22784978
1778	Quantitative analysis of WRN exonuclease activity by isotope dilution mass spectrometry	Mangerich A	Mech Ageing Dev. 2012 Aug;133(8):575-9.	2012	2012/7/7	22766507
1779	Telomere dysfunction puts the brakes on oncogene-induced cancers	Günes C	EMBO J. 2012 Jun 29;31(13):2833-4.	2012	2012/5/31	22643218
1780	Emerging roles of SIRT6 on telomere maintenance, DNA repair, metabolism and mammalian aging	Jia G	Mol Cell Biochem. 2012 May;364(1-2):345-50.	2012	2012/1/31	22286818
1781	Telomere length, telomerase activity and osteogenic differentiation are maintained in adipose-derived stromal cells from senile osteoporotic SAMP6 mice	Mirsaidi A	J Tissue Eng Regen Med. 2012 May;6(5):378-90.	2012	2011/6/29	21710574
1782	Epidemiologic evidence for a role of telomere dysfunction in cancer etiology	Prescott J	Mutat Res. 2012 Feb 1;730(1-2):75-84.	2012	2011/7/16	21756922
1783	Axis of ageing: telomeres, p53 and mitochondria	Sahin E	Nat Rev Mol Cell Biol. 2012 May 16;13(6):397-404.	2012	2012/5/17	22588366
1784	Prenatal stress, telomere biology, and fetal programming of health and disease risk	Entringer S	Sci Signal. 2012 Oct 30;5(248):pt12.	2012	2012/11/1	23112344
1785	Telomere dynamics in a long-lived bird, the barnacle goose	Pauliny A	BMC Evol Biol. 2012 Dec 31;12:257.	2012	2013/1/1	23273548
1786	Gender and the regulation of longevity: implications for autoimmunity	Pan Z	Autoimmun Rev. 2012 May;11(6-7):A393-403.	2012	2011/12/21	22182796
1787	Telomere length and aging biomarkers in 70-year-olds: the Lothian Birth Cohort 1936	Harris SE	Neurobiol Aging. 2012 Jul;33(7):1486.e3-8.	2012	2011/1/4	21194798
1788	A three-state model of telomere control over human proliferative boundaries	Cesare AJ	Curr Opin Cell Biol. 2012 Dec;24(6):731-8.	2012	2012/9/6	22947495

1789	Does the cryogenic freezing process cause shorter telomeres?	Jenkins EC	Cryobiology. 2012 Aug;65(1):72-3.	2012	2012/4/3	22465657
1790	Is telomere length a biomarker for aging: cross-sectional evidence from the west of Scotland?	Der G	PLoS One. 2012;7(9):e45166.	2012	2012/10/3	23028820
1791	CDKN2A might be better than telomere length in determining individual health status	Shiels PG	BMJ. 2012 Mar 6;344:e1415.	2012	2012/3/8	22395926
1792	Telomere dysfunction and genome instability	Frias C	Front Biosci (Landmark Ed). 2012 Jun 1;17:2181-96.	2012	2012/6/2	22652771
1793	Telomeres and mitochondria in the aging heart	Moslehi J	Circ Res. 2012 Apr 27;110(9):1226-37.	2012	2012/4/28	22539756
1794	Reduced repression of cytokine signaling ameliorates age-induced decline in hematopoietic stem cell function	Norddahl GL	Aging Cell. 2012 Dec;11(6):1128-31.	2012	2012/7/20	22809070
1795	iPSC technology to study human aging and aging-related disorders	Liu GH	Curr Opin Cell Biol. 2012 Dec;24(6):765-74.	2012	2012/9/25	22999273
1796	Oncogene-induced telomere dysfunction enforces cellular senescence in human cancer precursor lesions	Suram A	EMBO J. 2012 Jun 29;31(13):2839-51.	2012	2012/5/10	22569128
1797	The role of telomere trimming in normal telomere length dynamics	Pickett HA	Cell Cycle. 2012 Apr 1;11(7):1309-15.	2012	2012/3/17	22421147
1798	Will your telomeres tell your future?	von Zglinicki T	BMJ. 2012 Mar 13;344:e1727.	2012	2012/3/15	22415954
1799	Ginsenoside Rg1 protects human fibroblasts against psoralen- and UVA-induced premature senescence through a telomeric mechanism	Zhou BR	Arch Dermatol Res. 2012 Apr;304(3):223-8.	2012	2012/2/22	22350182
1800	Catching-up but telomere loss: half-opening the black box of growth and ageing trade-off in wild king penguin chicks	Geiger S	Mol Ecol. 2012 Mar;21(6):1500-10.	2012	2011/11/29	22117889
1801	Association of telomere instability with senescence of porcine cells	Ji G	BMC Cell Biol. 2012 Dec 15;13:36.	2012	2012/12/18	23241441
1802	Social relationships and health: is feeling positive, negative, or both (ambivalent) about your social ties related to telomeres?	Uchino BN	Health Psychol. 2012 Nov;31(6):789-96.	2012	2012/1/11	22229928
1803	Telomere length correlates with life span of dog breeds	Fick LJ	Cell Rep. 2012 Dec 27;2(6):1530-6.	2012	2012/12/25	23260664
1804	Sustained telomere length in hepatocytes and cholangiocytes with increasing age in normal liver	Verma S	Hepatology. 2012 Oct;56(4):1510-20.	2012	2012/4/17	22504828

1805	Impact of vascular aging on cardiovascular disease: the role of telomere biology	Nilsson PM	J Hypertens. 2012 Jun;30 Suppl:S9-12.	2012	2012/5/11	22573130
1806	Maintaining the end: roles of telomere proteins in end-protection, telomere replication and length regulation	Stewart JA	Mutat Res. 2012 Feb 1;730(1-2):12-9.	2012	2011/9/28	21945241
1807	Correcting magnesium deficiencies may prolong life	Rowe WJ	Clin Interv Aging. 2012;7:51-4.	2012	2012/3/2	22379366
1808	How cardiomyocytes make the heart old	Papp Z	Curr Pharm Biotechnol. 2012 Oct;13(13):2515-21.	2012	2012/1/28	22280426
1809	Telomeres and lifestyle factors: roles in cellular aging	Lin J	Mutat Res. 2012 Feb 1;730(1-2):85-9.	2012	2011/9/1	21878343
1810	Telomere/Telomerase system: a new target of statins pleiotropic effect?	Olivieri F	Curr Vasc Pharmacol. 2012 Mar;10(2):216-24.	2012	2011/10/26	22022767
1811	Modification of the alkaline comet assay with human mesenchymal stem cells	Fuchs R	Cell Biol Int. 2012 Jan;36(1):113-7.	2012	2011/9/17	21919890
1812	No association between body size at birth and leucocyte telomere length in adult life--evidence from three cohort studies	Kajantie E	Int J Epidemiol. 2012 Oct;41(5):1400-8.	2012	2012/9/18	22984146
1813	Aging as a substrate of heart failure	Shioi T	J Cardiol. 2012 Dec;60(6):423-8.	2012	2012/10/17	23068289
1814	DNA damage checkpoints in stem cells, ageing and cancer	Sperka T	Nat Rev Mol Cell Biol. 2012 Sep;13(9):579-90.	2012	2012/8/24	22914294
1815	Lawsuit challenges anti-ageing claims	Borrell B	Nature. 2012 Aug 2;488(7409):18.	2012	2012/8/4	22859181
1816	"Is obesity linked to aging?": adipose tissue and the role of telomeres	Tzanetakou IP	Ageing Res Rev. 2012 Apr;11(2):220-9.	2012	2011/12/22	22186032
1817	Age related cardiovascular dysfunction and effects of physical activity	Galetta F	Front Biosci (Elite Ed). 2012 Jun 1;4:2617-37.	2012	2012/6/2	22652665
1818	Prevention of heart failure in the elderly: when, where and how to begin?	Jugdutt BI	Heart Fail Rev. 2012 Sep;17(4-5):531-44.	2012	2012/1/25	22270940
1819	Shooting for selective druglike G-quadruplex binders: evidence for telomeric DNA damage and tumor cell death	Cosconati S	J Med Chem. 2012 Nov 26;55(22):9785-92.	2012	2012/10/13	23057850
1820	Methods of studying telomere damage induced by quadruplex-ligand complexes	Rizzo A	Methods. 2012 May;57(1):93-9.	2012	2012/3/14	22410593

1821	Early and late steps in telomere overhang processing in normal human cells: the position of the final RNA primer drives telomere shortening	Chow TT	Genes Dev. 2012 Jun 1;26(11):1167-78.	2012	2012/6/5	22661228
1822	Predictors of telomere content in dragon lizards	Ballen C	Naturwissenschaften. 2012 Aug;99(8):661-4.	2012	2012/7/10	22772478
1823	Red wine and equivalent oral pharmacological doses of resveratrol delay vascular aging but do not extend life span in rats	da Luz PL	Atherosclerosis. 2012 Sep;224(1):136-42.	2012	2012/7/24	22818625
1824	Energy intake and leukocyte telomere length in young adults	Kark JD	Am J Clin Nutr. 2012 Feb;95(2):479-87.	2012	2012/1/13	22237065
1825	Is telomere length socially patterned? Evidence from the West of Scotland Twenty-07 Study	Robertson T	PLoS One. 2012;7(7):e41805.	2012	2012/7/31	22844525
1826	Association between kidney function and telomere length: the heart and soul study	Bansal N	Am J Nephrol. 2012;36(5):405-11.	2012	2012/10/31	23108000
1827	Telomere dysfunction and chromosome instability	Murnane JP	Mutat Res. 2012 Feb 1;730(1-2):28-36.	2012	2011/5/18	21575645
1828	Telomeres and atherosclerosis	Khan S	Cardiovasc J Afr. 2012 Nov;23(10):563-71.	2012	2012/11/30	23192261
1829	Functionality, growth and accelerated aging of tissue engineered living autologous vascular grafts	Kelm JM	Biomaterials. 2012 Nov;33(33):8277-85.	2012	2012/8/22	22906604
1830	Senescence is accelerated through donor cell specificity in cloned pigs	Jeon HY	Int J Mol Med. 2012 Aug;30(2):383-91.	2012	2012/5/23	22614175
1831	Near-to-perfect homeostasis: examples of universal aging rule which germline evades	Teplyuk NM	J Cell Biochem. 2012 Feb;113(2):388-96.	2012	2011/9/20	21928349
1832	At loose ends: telomere theories of aging and cancer begin to converge	Garber K	J Natl Cancer Inst. 2012 Jun 6;104(11):803-6.	2012	2012/6/8	22673587
1833	Would you like your telomeres tested?	McCartney M	BMJ. 2012 Feb 8;344:e681.	2012	2012/2/10	22318437
1834	RECQL4 in genomic instability and aging	Croteau DL	Trends Genet. 2012 Dec;28(12):624-31.	2012	2012/9/4	22940096
1835	Telomere length dynamics in the human pituitary gland: robust preservation throughout adult life to centenarian age	Ishikawa N	Age (Dordr). 2012 Aug;34(4):795-804.	2012	2011/7/8	21735056
1836	Telomeric 3' overhangs derive from resection by Exo1 and Apollo and fill-in by POT1b-associated CST	Wu P	Cell. 2012 Jul 6;150(1):39-52.	2012	2012/7/4	22748632

1837	Divergence of sperm and leukocyte age-dependent telomere dynamics: implications for male-driven evolution of telomere length in humans	Aston KI	Mol Hum Reprod. 2012 Nov;18(11):517-22.	2012	2012/7/12	22782639
1838	Duplicated chromosomal fragments stabilize shortened telomeres in normal human IMR-90 cells before transition to senescence	Zahnreich S	J Cell Physiol. 2012 May;227(5):1932-40.	2012	2011/7/7	21732364
1839	Telomeres and telomerase: the commitment theory of cellular ageing revisited	Holliday R	Sci Prog. 2012;95(Pt 2):199-205.	2012	2012/8/17	22893980
1840	Socioeconomic status and cell aging in children	Needham BL	Soc Sci Med. 2012 Jun;74(12):1948-51.	2012	2012/4/5	22472277
1841	Air pollution exposure and telomere length in highly exposed subjects in Beijing, China: a repeated-measure study	Hou L	Environ Int. 2012 Nov 1;48:71-7.	2012	2012/8/9	22871507
1842	Telomeres, age and reproduction in a long-lived reptile	Plot V	PLoS One. 2012;7(7):e40855.	2012	2012/7/19	22808278
1843	Human Xp/Yp telomere analysis by Southern-STELA	Ivanković M	Biogerontology. 2012 Apr;13(2):203-13.	2012	2011/12/7	22143823
1844	Telomere and telomerase in stem cells: relevance in ageing and disease	Choudhary B	Front Biosci (Schol Ed). 2012 Jan 1;4:16-30.	2012	2011/12/29	22202040
1845	Aging-associated alteration of telomere length and subtelomeric status in female patients with Parkinson's disease	Maeda T	J Neurogenet. 2012 Jun;26(2):245-51.	2012	2012/2/28	22364520
1846	Postmitotic neurons develop a p21-dependent senescence-like phenotype driven by a DNA damage response	Jurk D	Aging Cell. 2012 Dec;11(6):996-1004.	2012	2012/8/14	22882466
1847	Is the mean blood leukocyte telomere length a predictor for sporadic thoracic aortic aneurysm? Data from a preliminary study	Balistreri CR	Rejuvenation Res. 2012 Apr;15(2):170-3.	2012	2012/4/27	22533425
1848	Ectopic expression of telomerase safely increases health span and life span	Mendelsohn AR	Rejuvenation Res. 2012 Aug;15(4):435-8.	2012	2012/8/11	22877566
1849	Telomeres are favoured targets of a persistent DNA damage response in ageing and stress-induced senescence	Hewitt G	Nat Commun. 2012 Feb 28;3:708.	2012	2012/3/20	22426229
1850	A naturally thermolabile activity compromises genetic analysis of telomere function in Saccharomyces cerevisiae	Paschini M	Genetics. 2012 May;191(1):79-93.	2012	2012/3/2	22377634
1851	Telomere length and pancreatic cancer: a case-control study	Skinner HG	Cancer Epidemiol Biomarkers Prev. 2012 Nov;21(11):2095-100.	2012	2012/10/25	23093543
1852	The rate of increase of short telomeres predicts longevity in mammals	Vera E	Cell Rep. 2012 Oct 25;2(4):732-7.	2012	2012/10/2	23022483

1853	Telomere length and long-term endurance exercise: does exercise training affect biological age? A pilot study	Østhus IB	PLoS One. 2012;7(12):e52769.	2012	2013/1/10	23300766
1854	Oxidative stress-induced telomeric erosion as a mechanism underlying airborne particulate matter-related cardiovascular disease	Grahame TJ	Part Fibre Toxicol. 2012 Jun 19;9:21.	2012	2012/6/21	22713210
1855	Klotho modulates the stress response in human senescent endothelial cells	Carracedo J	Mech Ageing Dev. 2012 Nov-Dec;133(11-12):647-54.	2012	2012/9/25	23000105
1856	Does cellular aging relate to patterns of allostasis? An examination of basal and stress reactive HPA axis activity and telomere length	Tomiyama AJ	Physiol Behav. 2012 Apr 12;106(1):40-5.	2012	2011/12/6	22138440
1857	Telomere length is age-dependent and reduced in monocytes of Alzheimer patients	Hochstrasser T	Exp Gerontol. 2012 Feb;47(2):160-3.	2012	2011/12/20	22178633
1858	Chronic pain, perceived stress, and cellular aging: an exploratory study	Sibille KT	Mol Pain. 2012 Feb 12;8:12.	2012	2012/2/14	22325162
1859	Birds and longevity: does flight driven aerobicity provide an oxidative sink?	Hickey AJ	Ageing Res Rev. 2012 Apr;11(2):242-53.	2012	2011/12/27	22198369
1860	Telomeres and tissue engineering: the potential roles of TERT in VEGF-mediated angiogenesis	Hartwig FP	Stem Cell Rev Rep. 2012 Dec;8(4):1275-81.	2012	2012/10/16	23065534
1861	Disubstituted quinazoline derivatives as a new type of highly selective ligands for telomeric G-quadruplex DNA	Li Z	Eur J Med Chem. 2012 Jan;47(1):299-311.	2012	2011/11/23	22104971
1862	The distribution pattern of critically short telomeres in human osteoarthritic knees	Harbo M	Arthritis Res Ther. 2012 Jan 18;14(1):R12.	2012	2012/1/20	22257826
1863	Telomere dysfunctional environment induces loss of quiescence and inherent impairments of hematopoietic stem cell function	Song Z	Aging Cell. 2012 Jun;11(3):449-55.	2012	2012/1/31	22284665
1864	Genetic variation in TERT and TERC and human leukocyte telomere length and longevity: a cross-sectional and longitudinal analysis	Soerensen M	Aging Cell. 2012 Apr;11(2):223-7.	2012	2011/12/6	22136229
1865	Telomere length, comorbidity, functional, nutritional and cognitive status as predictors of 5 years post hospital discharge survival in the oldest old	Zekry D	J Nutr Health Aging. 2012 Mar;16(3):225-30.	2012	2012/3/30	22456777
1866	Prognostic value of telomere length in acute coronary syndrome	Perez-Rivera JA	Mech Ageing Dev. 2012 Nov-Dec;133(11-12):695-7.	2012	2012/9/27	23010295
1867	Genetic variants implicated in telomere length associated with left ventricular function in patients with hypertension and cardiac organ damage	Huber M	J Mol Med (Berl). 2012 Sep;90(9):1059-67.	2012	2012/2/9	22314626
1868	The relationship between telomere length and mortality in chronic obstructive pulmonary disease (COPD)	Lee J	PLoS One. 2012;7(4):e35567.	2012	2012/5/5	22558169

1869	From cytogenomic to epigenomic profiles: monitoring the biologic behavior of in vitro cultured human bone marrow mesenchymal stem cells	Redaelli S	Stem Cell Res Ther. 2012 Nov 20;3(6):47.	2012	2012/11/22	23168092
1870	Short sleep duration is associated with shorter telomere length in healthy men: findings from the Whitehall II cohort study	Jackowska M	PLoS One. 2012;7(10):e47292.	2012	2012/11/13	23144701
1871	Physical activity, sedentary behavior, and leukocyte telomere length in women	Du M	Am J Epidemiol. 2012 Mar 1;175(5):414-22.	2012	2012/2/4	22302075
1872	Telomere dysfunction induced by chemotherapeutic agents and radiation in normal human cells	Li P	Int J Biochem Cell Biol. 2012 Sep;44(9):1531-40.	2012	2012/6/26	22728163
1873	Effect of vitamin E administration on the elevated oxygen stress and the telomeric and subtelomeric status in Alzheimer's disease	Guan JZ	Gerontology. 2012;58(1):62-9.	2012	2011/9/14	21912072
1874	Delay in oocyte aging in mice by the antioxidant N-acetyl-L-cysteine (NAC)	Liu J	Hum Reprod. 2012 May;27(5):1411-20.	2012	2012/2/24	22357770
1875	Pain is associated with short leukocyte telomere length in women with fibromyalgia	Hassett AL	J Pain. 2012 Oct;13(10):959-69.	2012	2012/10/4	23031395
1876	Up-regulation of leucocytes genes implicated in telomere dysfunction and cellular senescence correlates with depression and anxiety severity scores	Teyssier JR	PLoS One. 2012;7(11):e49677.	2012	2012/11/28	23185405
1877	[Mammalian telomere biology]	Zhdanova NS	Mol Biol (Mosk). 2012 Jul-Aug;46(4):539-55.	2012	2012/11/2	23113342
1878	Deregulated telomere transcription causes replication-dependent telomere shortening and promotes cellular senescence	Maicher A	Nucleic Acids Res. 2012 Aug;40(14):6649-59.	2012	2012/5/4	22553368
1879	APOE ε4 is associated with longer telomeres, and longer telomeres among ε4 carriers predicts worse episodic memory	Wikgren M	Neurobiol Aging. 2012 Feb;33(2):335-44.	2012	2010/4/17	20395015
1880	Mutational analysis of telomere genes in BRCA1/2-negative breast cancer families with very short telomeres	Yanowsky K	Breast Cancer Res Treat. 2012 Aug;134(3):1337-43.	2012	2012/7/4	22752289
1881	The human CST complex is a terminator of telomerase activity	Chen LY	Nature. 2012 Aug 23;488(7412):540-4.	2012	2012/7/6	22763445
1882	Baculoviral expression of telomerase in primary human fibroblasts to rejuvenate cells for tissue engineering	Gamble CM	J Tissue Eng Regen Med. 2012 May;6(5):414-20.	2012	2011/7/14	21751423
1883	Age-related alterations in mesenchymal stem cells related to shift in differentiation from osteogenic to adipogenic potential: implication to age-associated bone diseases and defects	Kim M	Mech Ageing Dev. 2012 May;133(5):215-25.	2012	2012/6/29	22738657
1884	Telomeres and epigenetics: potential relevance to chronic pain	Sibille KT	Pain. 2012 Sep;153(9):1789-1793.	2012	2012/7/10	22770844

1885	Biomarkers for cognitive aging part I: telomere length, blood pressure and cognition among individuals with hypertension	Insel KC	Biol Res Nurs. 2012 Apr;14(2):124-32.	2012	2011/5/19	21586494
1886	Genistein induces growth arrest and suppresses telomerase activity in brain tumor cells	Khaw AK	Genes Chromosomes Cancer. 2012 Oct;51(10):961-74.	2012	2012/6/28	22736505
1887	Leukocyte telomere length in the Finnish Diabetes Prevention Study	Hovatta I	PLoS One. 2012;7(4):e34948.	2012	2012/4/12	22493726
1888	Long telomeres produced by telomerase-resistant recombination are established from a single source and are subject to extreme sequence scrambling	Xu J	PLoS Genet. 2012;8(11):e1003017.	2012	2012/11/8	23133400
1889	Association of shorter leukocyte telomere repeat length with dementia and mortality	Honig LS	Arch Neurol. 2012 Oct;69(10):1332-9.	2012	2012/7/25	22825311
1890	Human Stn1 protects telomere integrity by promoting efficient lagging-strand synthesis at telomeres and mediating C-strand fill-in	Huang C	Cell Res. 2012 Dec;22(12):1681-95.	2012	2012/9/12	22964711
1891	Telomere dysfunction and its role in haematological cancer	Jones CH	Br J Haematol. 2012 Mar;156(5):573-87.	2012	2012/1/12	22233151
1892	Association of leukocyte telomere length with type 2 diabetes in mainland Chinese populations	Shen Q	J Clin Endocrinol Metab. 2012 Apr;97(4):1371-4.	2012	2012/2/10	22319045
1893	Collapse of telomere homeostasis in hematopoietic cells caused by heterozygous mutations in telomerase genes	Aubert G	PLoS Genet. 2012;8(5):e1002696.	2012	2012/6/5	22661914
1894	Chronic exercise modifies age-related telomere dynamics in a tissue-specific fashion	Ludlow AT	J Gerontol A Biol Sci Med Sci. 2012 Sep;67(9):911-26.	2012	2012/3/6	22389464
1895	Oxydative stress alters nuclear shape through lamins dysregulation: a route to senescence	Barascu A	Nucleus. 2012 Sep-Oct;3(5):411-7.	2012	2012/8/17	22895091
1896	Characterization of telomeres and telomerase expression in Xiphophorus	Downs KP	Comp Biochem Physiol C Toxicol Pharmacol. 2012 Jan;155(1):89-94.	2012	2011/5/31	21619941
1897	Leukocyte telomere length (LTL) is reduced in stable mild cognitive impairment but low LTL is not associated with conversion to Alzheimer's disease: a pilot study	Movérare-Skrtic S	Exp Gerontol. 2012 Feb;47(2):179-82.	2012	2012/1/3	22210159
1898	NBS1 deficiency promotes genome instability by affecting DNA damage signaling pathway and impairing telomere integrity	Hou YY	Cell Biochem Funct. 2012 Apr;30(3):233-42.	2012	2011/12/14	22161642
1899	Loss of p16(Ink4a) function rescues cellular senescence induced by telomere dysfunction	Zhang X	Int J Mol Sci. 2012;13(5):5866-77.	2012	2012/7/4	22754337
1900	A role for sister telomere cohesion in telomere elongation by telomerase	Houghtaling BR	Cell Cycle. 2012 Jan 1;11(1):19-25.	2012	2011/12/14	22157096

1901	A protein array screen for Kaposi's sarcoma-associated herpesvirus LANA interactors links LANA to TIP60, PP2A activity, and telomere shortening	Shamay M	J Virol. 2012 May;86(9):5179-91.	2012	2012/3/2	22379092
1902	Telomere maintenance genes SIRT1 and XRCC6 impact age-related decline in telomere length but only SIRT1 is associated with human longevity	Kim S	Biogerontology. 2012 Apr;13(2):119-31.	2012	2011/10/6	21972126
1903	Molecular mechanisms for anti-aging by natural dietary compounds	Pan MH	Mol Nutr Food Res. 2012 Jan;56(1):88-115.	2012	2011/11/16	22083941
1904	Diet-related telomere shortening and chromosome stability	Marcon F	Mutagenesis. 2012 Jan;27(1):49-57.	2012	2011/8/23	21857007
1905	The combined use of known antiviral reverse transcriptase inhibitors AZT and DDI induce anticancer effects at low concentrations	Aschacher T	Neoplasia. 2012 Jan;14(1):44-53.	2012	2012/2/23	22355273
1906	[Telomere length in the population of long-lived persons of North-West region of Russia]	Smirnova TIu	Tsitologiia. 2012;54(5):439-45.	2012	2012/7/26	22827042
1907	Inducible immortality in hTERT-human mesenchymal stem cells	Piper SL	J Orthop Res. 2012 Dec;30(12):1879-85.	2012	2012/6/8	22674533
1908	Progressive telomere dysfunction causes cytokinesis failure and leads to the accumulation of polyploid cells	Pampalona J	PLoS Genet. 2012;8(4):e1002679.	2012	2012/5/10	22570622
1909	Conditional TRF1 knockout in the hematopoietic compartment leads to bone marrow failure and recapitulates clinical features of dyskeratosis congenita	Beier F	Blood. 2012 Oct 11;120(15):2990-3000.	2012	2012/8/31	22932806
1910	Shorter telomere length is associated with increased ovarian cancer risk in both familial and sporadic cases	Martinez-Delgado B	J Med Genet. 2012 May;49(5):341-4.	2012	2012/4/12	22493152
1911	Nek4 regulates entry into replicative senescence and the response to DNA damage in human fibroblasts	Nguyen CL	Mol Cell Biol. 2012 Oct;32(19):3963-77.	2012	2012/8/2	22851694
1912	Telomere shortening occurs early during gastrocarcinogenesis	Mu Y	Med Oncol. 2012 Jun;29(2):893-8.	2012	2011/3/2	21359861
1913	Decrease of p400 ATPase complex and loss of H2A.Z within the p21 promoter occur in senescent IMR-90 human fibroblasts	Lee K	Mech Ageing Dev. 2012 Nov-Dec;133(11-12):686-94.	2012	2012/11/14	23146670
1914	Dietary restriction of amino acids other than methionine prevents oxidative damage during aging: involvement of telomerase activity and telomere length	Tanrikulu-Kucuk S	Life Sci. 2012 Jun 14;90(23-24):924-8.	2012	2012/5/9	22564407
1915	Reduced telomere length in colorectal carcinomas	Feng TB	Asian Pac J Cancer Prev. 2012;13(2):443-6.	2012	2012/4/25	22524803
1916	Telomerase expression in adult and old mouse Purkinje neurons	Eitan E	Rejuvenation Res. 2012 Apr;15(2):206-9.	2012	2012/4/27	22533433

1917	Mild cognitive impairment identified in older individuals with Down syndrome by reduced telomere signal numbers and shorter telomeres measured in microns	Jenkins EC	Am J Med Genet B Neuropsychiatr Genet. 2012 Jul;159B(5):598-604.	2012	2012/5/18	22592955
1918	Yeast hnRNP-related proteins contribute to the maintenance of telomeres	Lee-Soety JY	Biochem Biophys Res Commun. 2012 Sep 14;426(1):12-7.	2012	2012/8/21	22902537
1919	ATR cooperates with CTC1 and STN1 to maintain telomeres and genome integrity in Arabidopsis	Boltz KA	Mol Biol Cell. 2012 Apr;23(8):1558-68.	2012	2012/2/24	22357613
1920	Telomere/telomerase interplay in virus-driven and virus-independent lymphomagenesis: pathogenic and clinical implications	Dolcetti R	Med Res Rev. 2012 Mar;32(2):233-53.	2012	2010/6/16	20549676
1921	TERRA promotes telomere shortening through exonuclease 1-mediated resection of chromosome ends	Pfeiffer V	PLoS Genet. 2012;8(6):e1002747.	2012	2012/6/22	22719262
1922	The long and short of it: the role of telomeres in fetal origins of adult disease	Hallows SE	J Pregnancy. 2012;2012:638476.	2012	2012/10/25	23094159
1923	A prospective study of leukocyte telomere length and risk of type 2 diabetes in postmenopausal women	You NC	Diabetes. 2012 Nov;61(11):2998-3004.	2012	2012/7/26	22829448
1924	mRNA decay factor AUF1 maintains normal aging, telomere maintenance, and suppression of senescence by activation of telomerase transcription	Pont AR	Mol Cell. 2012 Jul 13;47(1):5-15.	2012	2012/5/29	22633954
1925	Evaluation of senescence in mesenchymal stem cells isolated from equine bone marrow, adipose tissue, and umbilical cord tissue	Vidal MA	Stem Cells Dev. 2012 Jan 20;21(2):273-83.	2012	2011/3/18	21410356
1926	Differential expression of senescence and cell death factors in non-small cell lung and colorectal tumors showing telomere attrition	Fernández-Marcelo T	Oncology. 2012;82(3):153-64.	2012	2012/3/22	22433385
1927	Three novel truncating TINF2 mutations causing severe dyskeratosis congenita in early childhood	Sasa GS	Clin Genet. 2012 May;81(5):470-8.	2012	2011/4/12	21477109
1928	High lead exposure is associated with telomere length shortening in Chinese battery manufacturing plant workers	Wu Y	Occup Environ Med. 2012 Aug;69(8):557-63.	2012	2012/4/28	22539657
1929	Telomerase, telomere length, and coronary artery calcium in black and white men in the CARDIA study	Kroenke CH	Atherosclerosis. 2012 Feb;220(2):506-12.	2012	2011/12/20	22178426
1930	Characterization and comparison of 'standard' and 'young' tumour-infiltrating lymphocytes for adoptive cell therapy at a Danish translational research institution	Donia M	Scand J Immunol. 2012 Feb;75(2):157-67.	2012	2011/9/30	21955245
1931	Aging, inflammation, and HIV infection	Aberg JA	Top Antivir Med. 2012 Aug-Sep;20(3):101-5.	2012	2012/9/8	22954610
1932	Telomeres in cancer and ageing	Donate LE	Philos Trans R Soc Lond B Biol Sci. 2011 Jan 12;366(1561):76-84.	2011	2010/12/1	21115533

1933	Healthy aging and disease: role for telomere biology?	Zhu H	Clin Sci (Lond). 2011 May;120(10):427-40.	2011	2011/1/29	21271986
1934	Sex differences in telomeres and lifespan	Barrett EL	Aging Cell. 2011 Dec;10(6):913-21.	2011	2011/9/10	21902801
1935	Is telomere length a biomarker of aging? A review	Mather KA	J Gerontol A Biol Sci Med Sci. 2011 Feb;66(2):202-13.	2011	2010/10/30	21030466
1936	Impact of cellular senescence signature on ageing research	Sikora E	Ageing Res Rev. 2011 Jan;10(1):146-52.	2011	2010/10/16	20946972
1937	Cell division and aging of the organism	Macieira-Coelho A	Biogerontology. 2011 Dec;12(6):503-15.	2011	2011/7/7	21732041
1938	Is cellular senescence important in pediatric kidney disease?	Jacobi C	Pediatr Nephrol. 2011 Dec;26(12):2121-31.	2011	2011/1/18	21240672
1939	Is the aging process accelerated in chronic obstructive pulmonary disease?	Lee J	Curr Opin Pulm Med. 2011 Mar;17(2):90-7.	2011	2011/3/3	21365793
1940	Inheritance of telomere length in a bird	Horn T	PLoS One. 2011 Feb 22;6(2):e17199.	2011	2011/3/3	21364951
1941	A challenging epigenetic message: telomerase activity is associated with complex changes in lifestyle	Falus A	Cell Biol Int. 2011 Nov;35(11):1079-83.	2011	2011/10/18	21999313
1942	Relative telomere length and cognitive decline in the Nurses' Health Study	Devore EE	Neurosci Lett. 2011 Mar 29;492(1):15-8.	2011	2011/2/8	21295115
1943	Leukocyte telomere length and marital status among middle-aged adults	Mainous AG 3rd	Age Ageing. 2011 Jan;40(1):73-8.	2011	2010/9/7	20817935
1944	Telomeres: unlocking the mystery of cell division and aging	Zanni GR	Consult Pharm. 2011 Feb;26(2):78-90.	2011	2011/2/12	21310705
1945	Erosion of telomeric 3'-overhangs in white blood cells of aged subjects with high frequency of very short telomeres	Mattarocci S	Mech Ageing Dev. 2011 Jan-Feb;132(1-2):27-32.	2011	2010/12/4	21126532
1946	Longitudinal versus cross-sectional evaluations of leukocyte telomere length dynamics: age-dependent telomere shortening is the rule	Chen W	J Gerontol A Biol Sci Med Sci. 2011 Mar;66(3):312-9.	2011	2011/2/12	21310811
1947	Silver linings of oversimplification	de Grey AD	Rejuvenation Res. 2011 Apr;14(2):109-10.	2011	2011/5/21	21595501
1948	Comparative biology of mammalian telomeres: hypotheses on ancestral states and the roles of telomeres in longevity determination	Gomes NM	Aging Cell. 2011 Oct;10(5):761-8.	2011	2011/4/27	21518243

1949	Cell biology: Ageing theories unified	Kelly DP	Nature. 2011 Feb 17;470(7334):342-3.	2011	2011/2/11	21307852
1950	María Blasco: Keeping a cap on cancer and aging. Interview by Caitlin Sedwick	Blasco M	J Cell Biol. 2011 Feb 7;192(3):370-1.	2011	2011/2/9	21300847
1951	My, what long telomeres you have	Singer T	Sci Am. 2011 Apr;304(4):22.	2011	2011/4/19	21495473
1952	Telomere flip-flop: an unfolding passage to senescence	Price CM	EMBO Rep. 2011 Dec 23;13(1):5-6.	2011	2011/12/14	22157893
1953	Spurious association between telomere length reduction over time and baseline telomere length	Giltay EJ	Int J Epidemiol. 2011 Jun;40(3):839-40; author reply 840-1.	2011	2010/12/15	21149347
1954	From cell to cognition: can changes in telomere length indicate patterns of cognitive aging?	Kljajevic V	Clin Sci (Lond). 2011 Oct;121(7):313-4.	2011	2011/5/20	21592086
1955	Testing time for telomeres. Telomere length can tell us something about disease susceptibility and ageing, but are commercial tests ready for prime time?	Wolinsky H	EMBO Rep. 2011 Sep 1;12(9):897-900.	2011	2011/9/2	21881613
1956	Telomeres, aging, and plants: from weeds to Methuselah - a mini-review	Watson JM	Gerontology. 2011;57(2):129-36.	2011	2010/4/9	20375491
1957	Cell biology. Are telomere tests ready for prime time?	Leslie M	Science. 2011 Apr 22;332(6028):414-5.	2011	2011/4/23	21512015
1958	Telomeric and extra-telomeric roles for telomerase and the telomere-binding proteins	Martínez P	Nat Rev Cancer. 2011 Mar;11(3):161-76.	2011	2011/2/25	21346783
1959	Associations between rotating night shifts, sleep duration, and telomere length in women	Liang G	PLoS One. 2011;6(8):e23462.	2011	2011/8/20	21853136
1960	Telomere dysfunction and cell cycle checkpoints in hematopoietic stem cell aging	Ju Z	Int J Hematol. 2011 Jul;94(1):33-43.	2011	2011/6/15	21671044
1961	Age-related changes in genomic stability of horses	Wnuk M	Mech Ageing Dev. 2011 May;132(5):257-68.	2011	2011/5/12	21557962
1962	Detailed analysis of DNA repair and senescence marker kinetics over the life span of a human fibroblast cell line	Endt H	J Gerontol A Biol Sci Med Sci. 2011 Apr;66(4):367-75.	2011	2010/11/18	21081476
1963	Telomeres as age markers in vertebrate molecular ecology	Dunshea G	Mol Ecol Resour. 2011 Mar;11(2):225-35.	2011	2011/3/25	21429128
1964	Actuary of the cell. Interview by Thea Singer	Blackburn EH	Sci Am. 2011 Oct;305(4):84-7.	2011	2011/11/24	22106813

1965	Five dysfunctional telomeres predict onset of senescence in human cells	Kaul Z	EMBO Rep. 2011 Dec 23;13(1):52-9.	2011	2011/12/14	22157895
1966	Telomere length in cardiovascular disease: new challenges in measuring this marker of cardiovascular aging	Hoffmann J	Future Cardiol. 2011 Nov;7(6):789-803.	2011	2011/11/5	22050065
1967	Contemporary human genetic strategies in aging research	Bloss CS	Ageing Res Rev. 2011 Apr;10(2):191-200.	2011	2010/8/17	20709627
1968	Telomeres, lifestyle, cancer, and aging	Shammas MA	Curr Opin Clin Nutr Metab Care. 2011 Jan;14(1):28-34.	2011	2010/11/25	21102320
1969	Telomere biology in hematopoiesis and stem cell transplantation	Gadalla SM	Blood Rev. 2011 Nov;25(6):261-9.	2011	2011/7/19	21764192
1970	[Telomeres: a Nobel Prize at the beginning... of the end]	Rajpar S	Bull Cancer. 2011 Oct;98(9):999-1009.	2011	2011/6/21	21684834
1971	Leukocyte telomere length and physical ability among Danish twins age 70+	Bendix L	Mech Ageing Dev. 2011 Nov-Dec;132(11-12):568-72.	2011	2011/10/25	22019938
1972	Telomere length and cardiovascular aging: the means to the ends?	De Meyer T	Ageing Res Rev. 2011 Apr;10(2):297-303.	2011	2010/11/27	21109027
1973	Telomeres and telomerase in renal health	Wills LP	J Am Soc Nephrol. 2011 Jan;22(1):39-41.	2011	2011/1/7	21209253
1974	Oxidative stress induces senescence in chondrocytes	Brandl A	J Orthop Res. 2011 Jul;29(7):1114-20.	2011	2011/2/2	21284033
1975	Rejuvenating senescent and centenarian human cells by reprogramming through the pluripotent state	Lapasset L	Genes Dev. 2011 Nov 1;25(21):2248-53.	2011	2011/11/8	22056670
1976	A model of canine leukocyte telomere dynamics	Benetos A	Aging Cell. 2011 Dec;10(6):991-5.	2011	2011/9/16	21917112
1977	[The long way towards selling telomere lengths?]	Viidik A	Lakartidningen. 2011 Jun 15-28;108(24-25):1288-9.	2011	2011/8/12	21830498
1978	Telomere length and cognitive function in community-dwelling elders: findings from the Health ABC Study	Yaffe K	Neurobiol Aging. 2011 Nov;32(11):2055-60.	2011	2009/12/25	20031273
1979	The correlation between the clinical laboratory data and the telomere length in peripheral blood leukocytes of Japanese female patients with hypertension	Maeda T	J Nutr Health Aging. 2011 Mar;15(3):240-4.	2011	2011/3/4	21369674
1980	Telomere elongation followed by telomere length reduction, in leukocytes from divers exposed to intense oxidative stress--implications for tissue and organismal aging	Shlush LI	Mech Ageing Dev. 2011 Mar;132(3):123-30.	2011	2011/2/16	21320523

1981	Telomere/telomerase dynamics within the human immune system: effect of chronic infection and stress	Effros RB	Exp Gerontol. 2011 Feb-Mar;46(2-3):135-40.	2011	2010/9/14	20833238
1982	Telomere length and anaemia in old age: results from the Newcastle 85-plus Study and the Leiden 85-plus Study	Den Elzen WP	Age Ageing. 2011 Jul;40(4):494-500.	2011	2011/5/31	21622673
1983	Accumulation of DNA damage in hematopoietic stem and progenitor cells during human aging	Rübe CE	PLoS One. 2011 Mar 7;6(3):e17487.	2011	2011/3/17	21408175
1984	An evolutionary review of human telomere biology: the thrifty telomere hypothesis and notes on potential adaptive paternal effects	Eisenberg DT	Am J Hum Biol. 2011 Mar-Apr;23(2):149-67.	2011	2011/2/15	21319244
1985	Replicative senescence in kidney aging, renal disease, and renal transplantation	Naesens M	Discov Med. 2011 Jan;11(56):65-75.	2011	2011/2/1	21276412
1986	Accelerated in vivo epidermal telomere loss in Werner syndrome	Ishikawa N	Aging (Albany NY). 2011 Apr;3(4):417-29.	2011	2011/7/7	21732564
1987	Study of telomere length and different markers of oxidative stress in patients with Parkinson's disease	Watfa G	J Nutr Health Aging. 2011 Apr;15(4):277-81.	2011	2011/3/26	21437559
1988	Inflammation and genetics: an insight in the centenarian model	Iannitti T	Hum Biol. 2011 Aug;83(4):531-59.	2011	2011/8/18	21846209
1989	Molecular regulation of telomerase activity in aging	Nicholls C	Protein Cell. 2011 Sep;2(9):726-38.	2011	2011/10/7	21976062
1990	Never-ageing cellular senescence	Ogrunc M	Eur J Cancer. 2011 Jul;47(11):1616-22.	2011	2011/5/13	21561762
1991	Deciphering the role of nuclear factor-κB in cellular senescence	Vaughan S	Aging (Albany NY). 2011 Oct;3(10):913-9.	2011	2011/10/13	21990145
1992	The impact of cellular senescence in cancer therapy: is it true or not?	Zhang Y	Acta Pharmacol Sin. 2011 Oct;32(10):1199-207.	2011	2011/9/13	21909124
1993	How does genome instability affect lifespan?: roles of rDNA and telomeres	Kobayashi T	Genes Cells. 2011 Jun;16(6):617-24.	2011	2011/5/25	21605287
1994	Anti-ageing--fact, fiction or faction?	Newton JP	Gerodontology. 2011 Sep;28(3):163-4.	2011	2011/8/17	21843158
1995	[Changes of telomere and telomerase in effect of ginsenoside Rg1 to delay hematopoietic stem cell senescence]	Zhou Y	Zhongguo Zhong Yao Za Zhi. 2011 Nov;36(22):3172-5.	2011	2012/3/2	22375401
1996	Telomere dynamics: the influence of folate and DNA methylation	Moores CJ	Ann N Y Acad Sci. 2011 Jul;1229:76-88.	2011	2011/7/29	21793842

1997	Is telomerase a potential target for vascular rejuvenation?	Spyridopoulos I	Atherosclerosis. 2011 May;216(1):19-20.	2011	2011/3/18	21411087
1998	Nuclear and chromatin reorganization during cell senescence and aging - a mini-review	Shin DM	Gerontology. 2011;57(1):76-84.	2011	2010/2/6	20134149
1999	Short leukocyte telomere length is associated with aortic dissection	Yan J	Intern Med. 2011;50(23):2871-5.	2011	2011/12/2	22129501
2000	Telomere-dependent senescent phenotype of lens epithelial cells as a biological marker of aging and cataractogenesis: the role of oxidative stress intensity and specific mechanism of phospholipid hydroperoxide toxicity in lens and aqueous	Babizhayev MA	Fundam Clin Pharmacol. 2011 Apr;25(2):139-62.	2011	2010/4/24	20412312
2001	Telomere length in vascular tissues from patients with atherosclerotic disease	Nzietchueng R	J Nutr Health Aging. 2011 Feb;15(2):153-6.	2011	2011/3/3	21365170
2002	Inverse association between adiposity and telomere length: The Fels Longitudinal Study	Lee M	Am J Hum Biol. 2011 Jan-Feb;23(1):100-6.	2011	2010/11/17	21080476
2003	[Racing for cell immortality, telomeres, telomerase, and the measure of health (a reflection on the award of the 2009 Demidov Prize in the field of biology given to Alexeĭ Matveevich Olovnikov)]	Egorov EE	Ontogenez. 2011 Jan-Feb;42(1):62-6.	2011	2011/3/30	21442903
2004	Prolyl isomerase Pin1 as a molecular switch to determine the fate of phosphoproteins	Liou YC	Trends Biochem Sci. 2011 Oct;36(10):501-14.	2011	2011/8/20	21852138
2005	Estrogen reduces cellular aging in human mesenchymal stem cells and chondrocytes	Breu A	J Orthop Res. 2011 Oct;29(10):1563-71.	2011	2011/4/7	21469181
2006	Malignancy without immortality? Cellular immortalization as a possible late event in melanoma progression	Soo JK	Pigment Cell Melanoma Res. 2011 Jun;24(3):490-503.	2011	2011/3/23	21418545
2007	Inflammation and mesenchymal stem cell aging	Lepperdinger G	Curr Opin Immunol. 2011 Aug;23(4):518-24.	2011	2011/6/28	21703839
2008	The association of cataract with leukocyte telomere length in older adults: defining a new marker of aging	Sanders JL	J Gerontol A Biol Sci Med Sci. 2011 Jun;66(6):639-45.	2011	2011/3/9	21382885
2009	Relation between maximum replicative capacity and oxidative stress-induced responses in human skin fibroblasts in vitro	Dekker P	J Gerontol A Biol Sci Med Sci. 2011 Jan;66(1):45-50.	2011	2010/10/13	20937674
2010	Telomerase reactivation reverses tissue degeneration in aged telomerase-deficient mice	Jaskelioff M	Nature. 2011 Jan 6;469(7328):102-6.	2011	2010/11/30	21113150
2011	Immunoaging induced by hematopoietic stem cell aging	Wang J	Curr Opin Immunol. 2011 Aug;23(4):532-6.	2011	2011/8/30	21872769
2012	Telomeres: All's well that ends well	Eisenstein M	Nature. 2011 Oct 12;478(7368):S13-5.	2011	2011/10/14	21993820

2013	Hypoxia: are stem cells in it for the long run?	Davy P	Cell Cycle. 2011 Jan 15;10(2):206-11.	2011	2011/1/18	21239881
2014	Life stress, emotional health, and mean telomere length in the European Prospective Investigation into Cancer (EPIC)-Norfolk population study	Surtees PG	J Gerontol A Biol Sci Med Sci. 2011 Nov;66(11):1152-62.	2011	2011/7/27	21788649
2015	Decreased length of telomeric DNA sequences and increased numerical chromosome aberrations in human osteoarthritic chondrocytes	Tamayo M	Mutat Res. 2011 Mar 15;708(1-2):50-8.	2011	2011/2/5	21291897
2016	The physical ability of elderly female Japanese patients with cerebrovascular disease correlates with telomere length in their peripheral blood leukocytes	Maeda T	Aging Clin Exp Res. 2011 Feb;23(1):22-8.	2011	2011/4/19	21499016
2017	Telomere dysfunction induces metabolic and mitochondrial compromise	Sahin E	Nature. 2011 Feb 17;470(7334):359-65.	2011	2011/2/11	21307849
2018	Autonomic and adrenocortical reactivity and buccal cell telomere length in kindergarten children	Kroenke CH	Psychosom Med. 2011 Sep;73(7):533-40.	2011	2011/8/30	21873585
2019	Hematopoietic stem cell development, aging and functional failure	Chen J	Int J Hematol. 2011 Jul;94(1):3-10.	2011	2011/4/28	21523336
2020	Progerin and telomere dysfunction collaborate to trigger cellular senescence in normal human fibroblasts	Cao K	J Clin Invest. 2011 Jul;121(7):2833-44.	2011	2011/6/15	21670498
2021	Shorter telomeres in patients with cerebral autosomal dominant arteriopathy and leukoencephalopathy (CADASIL)	Ragno M	Neurogenetics. 2011 Nov;12(4):337-43.	2011	2011/9/2	21881852
2022	Cumulative inflammatory load is associated with short leukocyte telomere length in the Health, Aging and Body Composition Study	O'Donovan A	PLoS One. 2011;6(5):e19687.	2011	2011/5/24	21602933
2023	New clinical findings on the longevity gene in disease, health, & longevity: Sirtuin 1 often decreases with advanced age & serious diseases in most parts of the human body, while relatively high & constant Sirtuin 1 regardless of age was first found in the hippocampus	Omura Y	Acupunct Electrother Res. 2011;36(3-4):287-309.	2011	2012/3/27	22443029
2024	Honeybee trophocytes and fat cells as target cells for cellular senescence studies	Hsieh YS	Exp Gerontol. 2011 Apr;46(4):233-40.	2011	2010/10/23	20965244
2025	Partial pneumonectomy of telomerase null mice carrying shortened telomeres initiates cell growth arrest resulting in a limited compensatory growth response	Jackson SR	Am J Physiol Lung Cell Mol Physiol. 2011 Jun;300(6):L898-909.	2011	2011/4/5	21460122
2026	Haematopoietic stem and progenitor cells in rheumatoid arthritis	Colmegna I	Rheumatology (Oxford). 2011 Feb;50(2):252-60.	2011	2010/9/15	20837497
2027	Age-related deregulation of naive T cell homeostasis in elderly humans	Ferrando-Martínez S	Age (Dordr). 2011 Jun;33(2):197-207.	2011	2010/8/12	20700658
2028	The physical ability of Japanese female elderly with cerebrovascular disease correlates with the telomere length and subtelomeric methylation status in their peripheral blood leukocytes	Maeda T	Gerontology. 2011;57(2):137-43.	2011	2010/5/11	20453489

2029	Leukocyte telomere length and mortality in the Cardiovascular Health Study	Fitzpatrick AL	J Gerontol A Biol Sci Med Sci. 2011 Apr;66(4):421-9.	2011	2011/2/4	21289018
2030	Chk2 and p53 are haploinsufficient with dependent and independent functions to eliminate cells after telomere loss	Kurzhals RL	PLoS Genet. 2011 Jun;7(6):e1002103.	2011	2011/6/10	21655087
2031	Association of telomere length in older men with mortality and midlife body mass index and smoking	Strandberg TE	J Gerontol A Biol Sci Med Sci. 2011 Jul;66(7):815-20.	2011	2011/6/24	21697500
2032	Regeneration of the exocrine pancreas is delayed in telomere-dysfunctional mice	von Figura G	PLoS One. 2011 Feb 22;6(2):e17122.	2011	2011/3/3	21364961
2033	Sensitivity of natural killer cells to activation in the process of ageing is related to the oxidative and inflammatory status of the elderly	Kaszubowska L	J Physiol Pharmacol. 2011 Feb;62(1):101-9.	2011	2011/4/1	21451215
2034	The load of short telomeres is increased and associated with lifetime number of depressive episodes in bipolar II disorder	Elvsåshagen T	J Affect Disord. 2011 Dec;135(1-3):43-50.	2011	2011/9/2	21880373
2035	Aging and immune function: molecular mechanisms to interventions	Ponnappan S	Antioxid Redox Signal. 2011 Apr 15;14(8):1551-85.	2011	2010/9/4	20812785
2036	Cellular aging and cancer	Hornsby PJ	Crit Rev Oncol Hematol. 2011 Aug;79(2):189-95.	2011	2010/8/14	20705476
2037	Common variants near TERC are associated with leukocyte telomere length in the Chinese Han population	Shen Q	Eur J Hum Genet. 2011 Jun;19(6):721-3.	2011	2011/2/10	21304559
2038	Tocotrienol-rich fraction prevents cell cycle arrest and elongates telomere length in senescent human diploid fibroblasts	Makpol S	J Biomed Biotechnol. 2011;2011:506171.	2011	2011/5/5	21541185
2039	Telomere research offers insight on stress-disease link	Peres J	J Natl Cancer Inst. 2011 Jun 8;103(11):848-50.	2011	2011/5/25	21606440
2040	Employment and work schedule are related to telomere length in women	Parks CG	Occup Environ Med. 2011 Aug;68(8):582-9.	2011	2011/5/5	21540175
2041	Targeting the telomere and shelterin complex for cancer therapy: current views and future perspectives	Bilsland AE	J Cell Mol Med. 2011 Feb;15(2):179-86.	2011	2011/1/5	21199331
2042	Estrogen deficiency reversibly induces telomere shortening in mouse granulosa cells and ovarian aging in vivo	Bayne S	Protein Cell. 2011 Apr;2(4):333-46.	2011	2011/5/17	21574023
2043	Rif1/2 and Tel1 function in separate pathways during replicative senescence	Chang M	Cell Cycle. 2011 Nov 1;10(21):3798-9.	2011	2011/10/29	22033189
2044	Childhood adversity heightens the impact of later-life caregiving stress on telomere length and inflammation	Kiecolt-Glaser JK	Psychosom Med. 2011 Jan;73(1):16-22.	2011	2010/12/15	21148804

2045	Telomere-dependent replicative senescence of B and T cells from patients with type 1a common variable immunodeficiency	Visentini M	Eur J Immunol. 2011 Mar;41(3):854-62.	2011	2011/2/3	21287551
2046	Neuroinflammation and ageing: current theories and an overview of the data	Pizza V	Rev Recent Clin Trials. 2011 Sep;6(3):189-203.	2011	2011/1/19	21241238
2047	Targeting telomerase-expressing cancer cells	Ouellette MM	J Cell Mol Med. 2011 Jul;15(7):1433-42.	2011	2011/2/22	21332640
2048	[From cardiovascular prevention to anti-aging medicine: influence on telomere and cell aging]	Gleichmann U	Dtsch Med Wochenschr. 2011 Sep;136(38):1913-6.	2011	2011/9/15	21915807
2049	Peptidyl-prolyl cis-trans isomerase Pin1 in ageing, cancer and Alzheimer disease	Lee TH	Expert Rev Mol Med. 2011 Jun 20;13:e21.	2011	2011/6/21	21682951
2050	Behaviour of telomere and telomerase during aging and regeneration in zebrafish	Anchelin M	PLoS One. 2011 Feb 9;6(2):e16955.	2011	2011/2/25	21347393
2051	Essential roles for Pot1b in HSC self-renewal and survival	Wang Y	Blood. 2011 Dec 1;118(23):6068-77.	2011	2011/9/28	21948176
2052	Senescent mesenchymal cells accumulate in human fibrosis by a telomere-independent mechanism and ameliorate fibrosis through matrix metalloproteinases	Pitiyage GN	J Pathol. 2011 Apr;223(5):604-17.	2011	2011/2/23	21341274
2053	Tor complex 1 controls telomere length by affecting the level of Ku	Ungar L	Curr Biol. 2011 Dec 20;21(24):2115-20.	2011	2011/12/16	22169538
2054	Telomere attrition and decreased fetuin-A levels indicate accelerated biological aging and are implicated in the pathogenesis of colorectal cancer	Maxwell F	Clin Cancer Res. 2011 Sep 1;17(17):5573-81.	2011	2011/7/15	21753158
2055	Accelerated hematopoietic stem cell aging in a mouse model of dyskeratosis congenita responds to antioxidant treatment	Gu BW	Aging Cell. 2011 Apr;10(2):338-48.	2011	2011/1/19	21241452
2056	Dose-dependent modulatory effects of insulin on glucose-induced endothelial senescence in vitro and in vivo: a relationship between telomeres and nitric oxide	Matsui-Hirai H	J Pharmacol Exp Ther. 2011 Jun;337(3):591-9.	2011	2011/3/2	21357660
2057	Oxidative stress induces senescence in human mesenchymal stem cells	Brandl A	Exp Cell Res. 2011 Jul 1;317(11):1541-7.	2011	2011/3/8	21376036
2058	Effects of age and heart failure on human cardiac stem cell function	Cesselli D	Am J Pathol. 2011 Jul;179(1):349-66.	2011	2011/6/28	21703415
2059	Premature senescence of T cells in long-term survivors of renal transplantation	Li P	Biochem Biophys Res Commun. 2011 Apr 15;407(3):599-604.	2011	2011/3/24	21426898
2060	The role of nuclear lamin B1 in cell proliferation and senescence	Shimi T	Genes Dev. 2011 Dec 15;25(24):2579-93.	2011	2011/12/14	22155925

2061	mtDNA haplogroup J modulates telomere length and nitric oxide production	Fernández-Moreno M	BMC Musculoskelet Disord. 2011 Dec 15;12:283.	2011	2011/12/17	22171676
2062	Change of telomere length in angiotensin II-induced human glomerular mesangial cell senescence and the protective role of losartan	Feng X	Mol Med Rep. 2011 Mar-Apr;4(2):255-60.	2011	2011/4/7	21468560
2063	Decreased serum creatinine concentration is associated with short telomeres of adipose tissue cells	Fernández-Real JM	Obesity (Silver Spring). 2011 Jul;19(7):1511-4.	2011	2011/2/26	21350437
2064	Knockdown of p21(Cip1/Waf1) enhances proliferation, the expression of stemness markers, and osteogenic potential in human mesenchymal stem cells	Yew TL	Aging Cell. 2011 Apr;10(2):349-61.	2011	2011/2/24	21342417
2065	Too many breaks (brakes): pancreatic β-cell senescence leads to diabetes	Tavana O	Cell Cycle. 2011 Aug 1;10(15):2471-84.	2011	2011/7/14	21750406
2066	Separation of telomerase functions by reverse genetics	Mukherjee S	Proc Natl Acad Sci U S A. 2011 Dec 13;108(50):E1363-71.	2011	2011/9/28	21949400
2067	Restoration of senescent human diploid fibroblasts by modulation of the extracellular matrix	Choi HR	Aging Cell. 2011 Feb;10(1):148-57.	2011	2010/11/27	21108727
2068	The dual impact of HIV-1 infection and aging on naïve CD4 T-cells: additive and distinct patterns of impairment	Rickabaugh TM	PLoS One. 2011 Jan 26;6(1):e16459.	2011	2011/2/8	21298072
2069	Natural polymorphism in BUL2 links cellular amino acid availability with chronological aging and telomere maintenance in yeast	Kwan EX	PLoS Genet. 2011 Aug;7(8):e1002250.	2011	2011/9/9	21901113
2070	Inhibition of cell proliferation by quindoline derivative (SYUIQ-05) through its preferential interaction with c-myc promoter G-quadruplex	Ou TM	J Med Chem. 2011 Aug 25;54(16):5671-9.	2011	2011/7/22	21774525
2071	The aging effect of chemotherapy on cultured human mesenchymal stem cells	Buttiglieri S	Exp Hematol. 2011 Dec;39(12):1171-81.	2011	2011/8/26	21864489
2072	Impaired odontogenic differentiation of senescent dental mesenchymal stem cells is associated with loss of Bmi-1 expression	Mehrazarin S	J Endod. 2011 May;37(5):662-6.	2011	2011/4/19	21496667
2073	Telomerase reverse transcriptase protects ATM-deficient hematopoietic stem cells from ROS-induced apoptosis through a telomere-independent mechanism	Nitta E	Blood. 2011 Apr 21;117(16):4169-80.	2011	2011/2/8	21297001
2074	Epithelial cell adhesion molecule (EpCAM) marks hepatocytes newly derived from stem/progenitor cells in humans	Yoon SM	Hepatology. 2011 Mar;53(3):964-73.	2011	2011/2/15	21319194
2075	Blood cell telomere length among patients with an isolated popliteal artery aneurysm and those with multiple aneurysm disease	Björck M	Atherosclerosis. 2011 Dec;219(2):946-50.	2011	2011/10/22	22015233
2076	Physical exercise increases adult neurogenesis and telomerase activity, and improves behavioral deficits in a mouse model of schizophrenia	Wolf SA	Brain Behav Immun. 2011 Jul;25(5):971-80.	2011	2010/10/26	20970493

2077	Telomere shortening is associated to TRF1 and PARP1 overexpression in Duchenne muscular dystrophy	Aguennouz M	Neurobiol Aging. 2011 Dec;32(12):2190-7.	2011	2010/2/9	20137830
2078	Telomere shortening alters the kinetics of the DNA damage response after ionizing radiation in human cells	Drissi R	Cancer Prev Res (Phila). 2011 Dec;4(12):1973-81.	2011	2011/9/21	21930799
2079	Sirtuin 1 is upregulated in a subset of hepatocellular carcinomas where it is essential for telomere maintenance and tumor cell growth	Chen J	Cancer Res. 2011 Jun 15;71(12):4138-49.	2011	2011/4/30	21527554
2080	Absence of association of a single-nucleotide polymorphism in the TERT-CLPTM1L locus with age-related phenotypes in a large multicohort study: the HALCyon programme	Alfred T	Aging Cell. 2011 Jun;10(3):520-32.	2011	2011/2/22	21332924
2081	Leukocyte telomere length is associated with high-risk plaques on virtual histology intravascular ultrasound and increased proinflammatory activity	Calvert PA	Arterioscler Thromb Vasc Biol. 2011 Sep;31(9):2157-64.	2011	2011/6/18	21680897
2082	The role of microRNA-150 as a tumor suppressor in malignant lymphoma	Watanabe A	Leukemia. 2011 Aug;25(8):1324-34.	2011	2011/4/20	21502955
2083	Rvb2/reptin physically associates with telomerase in budding yeast	Grandin N	FEBS Lett. 2011 Dec 15;585(24):3890-7.	2011	2011/11/22	22100294
2084	Mediator influences telomeric silencing and cellular life span	Zhu X	Mol Cell Biol. 2011 Jun;31(12):2413-21.	2011	2011/4/13	21482672
2085	Short telomeres compromise β-cell signaling and survival	Guo N	PLoS One. 2011 Mar 10;6(3):e17858.	2011	2011/3/23	21423765
2086	Ulcerative colitis-associated colorectal cancer arises in a field of short telomeres, senescence, and inflammation	Risques RA	Cancer Res. 2011 Mar 1;71(5):1669-79.	2011	2011/3/3	21363920
2087	Telomerase and primary T cells: biology and immortalization for adoptive immunotherapy	Barsov EV	Immunotherapy. 2011 Mar;3(3):407-21.	2011	2011/3/15	21395382
2088	The correlation between clinical laboratory data and telomeric status of male patients with metabolic disorders and no clinical history of vascular events	Maeda T	Aging Male. 2011 Mar;14(1):21-6.	2011	2010/7/31	20670100
2089	In vivo T-cell dynamics during immune reconstitution after hematopoietic stem cell gene therapy in adenosine deaminase severe combined immune deficiency	Selleri S	J Allergy Clin Immunol. 2011 Jun;127(6):1368-75.e8.	2011	2011/4/12	21477850
2090	Perinuclear cohibin complexes maintain replicative life span via roles at distinct silent chromatin domains	Chan JN	Dev Cell. 2011 Jun 14;20(6):867-79.	2011	2011/6/14	21664583
2091	Depletion of Ku70/80 reduces the levels of extrachromosomal telomeric circles and inhibits proliferation of ALT cells	Li B	Aging (Albany NY). 2011 Apr;3(4):395-406.	2011	2011/4/23	21512205
2092	Mthfr deficiency induces endothelial progenitor cell senescence via uncoupling of eNOS and downregulation of SIRT1	Lemarié CA	Am J Physiol Heart Circ Physiol. 2011 Mar;300(3):H745-53.	2011	2010/12/21	21169404

2093	Fluorescence-based detection and quantification of features of cellular senescence	Cho S	Methods Cell Biol. 2011;103:149-88.	2011	2011/7/5	21722803
2094	Pioglitazone activates aortic telomerase and prevents stress-induced endothelial apoptosis	Werner C	Atherosclerosis. 2011 May;216(1):23-34.	2011	2011/3/15	21396644
2095	Impact papers on aging in 2009	Blagosklonny MV	Aging (Albany NY). 2010 Mar;2(3):111-21.	2010	2010/3/31	20351400
2096	Changes of telomere length with aging	Takubo K	Geriatr Gerontol Int. 2010 Jul;10 Suppl 1:S197-206.	2010	2010/7/2	20590834
2097	Molecular pathology and age estimation	Meissner C	Forensic Sci Int. 2010 Dec 15;203(1-3):34-43.	2010	2010/8/13	20702051
2098	[Telomere shortening is the main mechanism of natural and radiation aging]	Mikhel'son VM	Radiats Biol Radioecol. 2010 May-Jun;50(3):269-75.	2010	2010/8/26	20734798
2099	The molecular basis of longevity, and clinical implications	Marques FZ	Maturitas. 2010 Feb;65(2):87-91.	2010	2010/1/9	20056361
2100	The emerging role of telomere biology in cardiovascular disease	Huzen J	Front Biosci (Landmark Ed). 2010 Jan 1;15:35-45.	2010	2009/12/29	20036804
2101	The use of telomere length in ecology and evolutionary biology	Horn T	Heredity (Edinb). 2010 Dec;105(6):497-506.	2010	2010/8/26	20736972
2102	Role of cellular senescence in lifestyle-related disease	Minamino T	Circ J. 2010 Nov;74(12):2527-33.	2010	2010/11/19	21084758
2103	Oxidation in the nucleotide pool, the DNA damage response and cellular senescence: Defective bricks build a defective house	Rai P	Mutat Res. 2010 Nov 28;703(1):71-81.	2010	2010/8/3	20673809
2104	[The influence of the biological age on function of endothelial progenitor cells]	Hrycek E	Kardiol Pol. 2010;68 Suppl 5:S405-11.	2010	2011/12/3	22134994
2105	Cytokines shape chemotherapy-induced and 'bystander' senescence	Hodny Z	Aging (Albany NY). 2010 Jul;2(7):375-6.	2010	2010/7/16	20631421
2106	[Mechanism of telomere shortening in photoaging model induced by 8-methoxypsoralen and ultraviolet A]	Gao YY	Zhonghua Yi Xue Za Zhi. 2010 Jun 22;90(24):1698-702.	2010	2010/10/29	20979881
2107	Childhood adversities are associated with shorter telomere length at adult age both in individuals with an anxiety disorder and controls	Kananen L	PLoS One. 2010 May 25;5(5):e10826.	2010	2010/6/4	20520834
2108	Vanishing honey bees: Is the dying of adult worker bees a consequence of short telomeres and premature aging?	Stindl R	Med Hypotheses. 2010 Oct;75(4):387-90.	2010	2010/5/19	20478660

2109	[Telomeres, aging and life style--research with contradictory finding]	Dahlman D	Lakartidningen. 2010 Dec 1-7;107(48):3053-5.	2010	2011/2/4	21287751
2110	Raising the bar on telomere epidemiology	Ehrlenbach S	Int J Epidemiol. 2010 Feb;39(1):308-9.	2010	2010/1/12	20061350
2111	[Telomeres--the beginning and the end]	Bohr VA	Ugeskr Laeger. 2010 Oct 4;172(40):2744.	2010	2010/10/8	20926042
2112	2009 nobel prize in physiology or medicine: telomeres and telomerase	Varela E	Oncogene. 2010 Mar 18;29(11):1561-5.	2010	2010/3/19	20237481
2113	Potential and pitfalls of stem cell therapy in old age	Piccin D	Dis Model Mech. 2010 Jul-Aug;3(7-8):421-5.	2010	2010/5/28	20504968
2114	Telomere talk: the nutrition connection	Ocampo C	J Nutr Elder. 2010 Jan;29(1):110-1.	2010	2010/4/15	20391046
2115	New insight into telomere maintenance	Wu RT	Aging (Albany NY). 2010 May;2(5):255-6.	2010	2010/6/4	20519779
2116	Crossing the great divide: telomeres and ecology	Monaghan P	Heredity (Edinb). 2010 Dec;105(6):574-5.	2010	2010/10/7	20924398
2117	New players in end-protection: LIM-domain proteins associate with the shelterin complex	Denchi EL	Aging (Albany NY). 2010 Jul;2(7):390-1.	2010	2010/7/20	20639580
2118	Measuring relative telomere length: is tissue an issue?	Gramatges MM	Aging (Albany NY). 2010 Nov;2(11):756-7.	2010	2010/11/30	21113083
2119	Telomere length and psychological well-being in patients with chronic heart failure	Huzen J	Age Ageing. 2010 Mar;39(2):223-7.	2010	2010/1/21	20085922
2120	Leukocyte telomere length is preserved with aging in endurance exercise-trained adults and related to maximal aerobic capacity	LaRocca TJ	Mech Ageing Dev. 2010 Feb;131(2):165-7.	2010	2010/1/13	20064545
2121	Back to immortality: the restoration of embryonic telomere length during induced pluripotency	West MD	Regen Med. 2010 Jul;5(4):485-8.	2010	2010/7/17	20632849
2122	Quantitative theory of telomere length regulation and cellular senescence	Rodriguez-Brenes IA	Proc Natl Acad Sci U S A. 2010 Mar 23;107(12):5387-92.	2010	2010/3/9	20207949
2123	ROS induced DNA damage and checkpoint responses: influences on aging?	Guachalla LM	Cell Cycle. 2010 Oct 15;9(20):4058-60.	2010	2010/10/12	20935491
2124	Telomeres and immunological diseases of aging	Andrews NP	Gerontology. 2010;56(4):390-403.	2010	2009/12/18	20016137

2125	[Senescence and cellular immortality]	Trentesaux C	Bull Cancer. 2010 Nov;97(11):1275-83.	2010	2010/11/6	21051314
2126	[Telomeres and telomerase]	Bendix L	Ugeskr Laeger. 2010 Oct 4;172(40):2745-8.	2010	2010/10/8	20926043
2127	Psychological stress, telomeres, and telomerase	Kiecolt-Glaser JK	Brain Behav Immun. 2010 May;24(4):529-30.	2010	2010/2/20	20167271
2128	The biology of satellite cells and telomeres in human skeletal muscle: effects of aging and physical activity	Kadi F	Scand J Med Sci Sports. 2010 Feb;20(1):39-48.	2010	2009/9/22	19765243
2129	A novel source of tetraploid cancer cell precursors: telomere insufficiency links aging to oncogenesis	Castedo M	Oncogene. 2010 Nov 4;29(44):5869-72.	2010	2010/8/31	20802535
2130	How do the ends replicate?	Shampay J	Trends Biochem Sci. 2010 Jan;35(1):5-7.	2010	2009/12/17	20005723
2131	Can telomere shortening explain sigmoidal growth curves?	Olofsson P	J Biol Dyn. 2010 Nov;4(6):527-38.	2010	2012/8/14	22881202
2132	Transcriptional regulation of telomeric non-coding RNA: implications on telomere biology, replicative senescence and cancer	Caslini C	RNA Biol. 2010 Jan-Feb;7(1):18-22.	2010	2009/11/11	19901520
2133	[The role of telomeres in aging-related disease]	Bendix L	Ugeskr Laeger. 2010 Oct 4;172(40):2752-5.	2010	2010/10/8	20926045
2134	The role of telomeres and telomerase in stem cell aging	Flores I	FEBS Lett. 2010 Sep 10;584(17):3826-30.	2010	2010/8/3	20674573
2135	Lifestyle impacts on the aging-associated expression of biomarkers of DNA damage and telomere dysfunction in human blood	Song Z	Aging Cell. 2010 Aug;9(4):607-15.	2010	2010/6/22	20560902
2136	At a crossroads of cancer risk and aging: the role of telomeres	Gerashchenko BI	Exp Oncol. 2010 Dec;32(4):224-7.	2010	2011/1/29	21270748
2137	Biology of corneal endothelial cells in vivo and in vitro	Amano S	Jpn J Ophthalmol. 2010 May;54(3):211-4.	2010	2010/6/26	20577854
2138	Telomere biology in healthy aging and disease	Oeseburg H	Pflugers Arch. 2010 Jan;459(2):259-68.	2010	2009/9/17	19756717
2139	Alpha-tocopherol modulates hydrogen peroxide-induced DNA damage and telomere shortening of human skin fibroblasts derived from differently aged individuals	Makpol S	Planta Med. 2010 Jun;76(9):869-75.	2010	2010/1/30	20112180
2140	2nd German-French DNA repair meeting - DNA damage and repair in ageing and degenerative diseases, Konstanz, Germany, September 20-23, 2009	Bürkle A	Mech Ageing Dev. 2010 May;131(5):370-6.	2010	2010/3/23	20302884

2141	[Correlations between clinical laboratory data and telomere length in the leukocytes of patients with hypertension]	Maeda T	Nihon Ronen Igakkai Zasshi. 2010;47(6):573-7.	2010	2011/2/9	21301156
2142	Telomere--the twilight to immortality	Shukla S	J Assoc Physicians India. 2010 Sep;58:553-60.	2010	2011/3/12	21391375
2143	Saturated fatty acid metabolism is key link between cell division, cancer, and senescence in cellular and whole organism aging	Ford JH	Age (Dordr). 2010 Jun;32(2):231-7.	2010	2010/5/1	20431990
2144	Immune aging and rheumatoid arthritis	Goronzy JJ	Rheum Dis Clin North Am. 2010 May;36(2):297-310.	2010	2010/6/1	20510235
2145	Leukocyte telomere length and coronary artery calcification	Mainous AG 3rd	Atherosclerosis. 2010 May;210(1):262-7.	2010	2009/12/1	19945703
2146	Adult-onset, short-term dietary restriction reduces cell senescence in mice	Wang C	Aging (Albany NY). 2010 Sep;2(9):555-66.	2010	2010/9/17	20844316
2147	Memory T-cell homeostasis and senescence during aging	Henson SM	Adv Exp Med Biol. 2010;684:189-97.	2010	2010/8/28	20795550
2148	Senescence and life span	Hornsby PJ	Pflugers Arch. 2010 Jan;459(2):291-9.	2010	2009/9/19	19763609
2149	Telomere length as a risk marker for cardiovascular disease: the next big thing?	Mainous AG	Expert Rev Mol Diagn. 2010 Nov;10(8):969-71.	2010	2010/11/18	21080812
2150	No associations between telomere length and age-sensitive indicators of physical function in mid and later life	Mather KA	J Gerontol A Biol Sci Med Sci. 2010 Aug;65(8):792-9.	2010	2010/4/24	20413528
2151	ELISA for aging biomarkers induced by telomere dysfunction in human plasma	Jiang H	J Biomed Biotechnol. 2010;2010:121947.	2010	2010/12/4	21127712
2152	Regulation of yeast sirtuins by NAD(+) metabolism and calorie restriction	Lu SP	Biochim Biophys Acta. 2010 Aug;1804(8):1567-75.	2010	2009/10/13	19818879
2153	Telomere sister chromatid exchange and the process of aging	Blagoev KB	Aging (Albany NY). 2010 Oct;2(10):727-30.	2010	2010/10/19	20952810
2154	The telomere/telomerase system in autoimmune and systemic immune-mediated diseases	Georgin-Lavialle S	Autoimmun Rev. 2010 Aug;9(10):646-51.	2010	2010/5/4	20435169
2155	Common variants near TERC are associated with mean telomere length	Codd V	Nat Genet. 2010 Mar;42(3):197-9.	2010	2010/2/9	20139977
2156	A common variant in the telomerase RNA component is associated with short telomere length	Njajou OT	PLoS One. 2010 Sep 27;5(9):e13048.	2010	2010/10/2	20885959

2157	The effect of telomere length, a marker of biological aging, on bone mineral density in elderly population	Tang NL	Osteoporos Int. 2010 Jan;21(1):89-97.	2010	2009/5/14	19436937
2158	Prospects for rejuvenation of aged tissue by telomerase reactivation	Cox LS	Rejuvenation Res. 2010 Dec;13(6):749-54.	2010	2011/1/14	21226558
2159	Spontaneous reversal of the developmental aging of normal human cells following transcriptional reprogramming	Vaziri H	Regen Med. 2010 May;5(3):345-63.	2010	2010/3/17	20230312
2160	Cognitive performance and leukocyte telomere length in two narrow age-range cohorts: a population study	Mather KA	BMC Geriatr. 2010 Sep 16;10:62.	2010	2010/9/17	20843367
2161	Abrupt telomere shortening in normal human fibroblasts	Vidacek NS	Exp Gerontol. 2010 Mar;45(3):235-42.	2010	2010/1/19	20080170
2162	Role of shelterin in cancer and aging	Martínez P	Aging Cell. 2010 Oct;9(5):653-66.	2010	2010/6/24	20569239
2163	Bats and birds: Exceptional longevity despite high metabolic rates	Munshi-South J	Ageing Res Rev. 2010 Jan;9(1):12-9.	2010	2009/8/1	19643206
2164	Aging, telomeres and heart failure	Wong LS	Heart Fail Rev. 2010 Sep;15(5):479-86.	2010	2010/6/10	20532978
2165	The load of short telomeres, estimated by a new method, Universal STELA, correlates with number of senescent cells	Bendix L	Aging Cell. 2010 Jun;9(3):383-97.	2010	2010/3/25	20331440
2166	Age-related association of rDNA and telomeres with the nuclear matrix in mouse hepatocytes	Moraes AS	Cell Biol Int. 2010 Sep;34(9):925-31.	2010	2010/6/4	20518743
2167	How to track cellular aging of mesenchymal stromal cells?	Wagner W	Aging (Albany NY). 2010 Apr;2(4):224-30.	2010	2010/5/11	20453259
2168	The two isomers of HDTIC compounds from Astragali Radix slow down telomere shortening rate via attenuating oxidative stress and increasing DNA repair ability in human fetal lung diploid fibroblast cells	Wang P	DNA Cell Biol. 2010 Jan;29(1):33-9.	2010	2009/10/21	19839736
2169	[Age-related microscopic and molecular changes of the human colon, and their role in the development of colorectal cancer in elderly people]	Leiszter K	Orv Hetil. 2010 May 30;151(22):885-92.	2010	2010/5/19	20478809
2170	Analyses and comparisons of telomerase activity and telomere length in human T and B cells: insights for epidemiology of telomere maintenance	Lin J	J Immunol Methods. 2010 Jan 31;352(1-2):71-80.	2010	2009/10/20	19837074
2171	TRF2 and apollo cooperate with topoisomerase 2alpha to protect human telomeres from replicative damage	Ye J	Cell. 2010 Jul 23;142(2):230-42.	2010	2010/7/27	20655466
2172	Transcriptome analysis and tumor suppressor requirements of STAT5-induced senescence	Mallette FA	Ann N Y Acad Sci. 2010 Jun;1197:142-51.	2010	2010/6/12	20536843

2173	No evidence for shorter leukocyte telomere length in Parkinson's disease patients	Eerola J	J Gerontol A Biol Sci Med Sci. 2010 Nov;65(11):1181-4.	2010	2010/7/20	20639300
2174	Improving precision in investigating aging: why telomeres can cause problems	Shiels PG	J Gerontol A Biol Sci Med Sci. 2010 Aug;65(8):789-91.	2010	2010/6/12	20538902
2175	Increased aging in primary muscle cultures of sporadic inclusion-body myositis	Morosetti R	Neurobiol Aging. 2010 Jul;31(7):1205-14.	2010	2008/10/1	18823681
2176	The telomere protein tankyrase 1 regulates DNA damage responses at telomeres	Chang S	Aging (Albany NY). 2010 Oct;2(10):639-42.	2010	2010/11/16	21076181
2177	Telomeric plasmid induces human cancer cell dysfunction depending on ATM activity	Guo XF	Cell Biochem Funct. 2010 Jul;28(5):381-6.	2010	2010/6/11	20535839
2178	Positive feedback between p53 and TRF2 during telomere-damage signalling and cellular senescence	Fujita K	Nat Cell Biol. 2010 Dec;12(12):1205-12.	2010	2010/11/9	21057505
2179	The telomere story or the triumph of an open-minded research	Gilson E	Biochimie. 2010 Apr;92(4):321-6.	2010	2010/1/26	20096746
2180	Leukocyte telomere length is associated with measures of subclinical atherosclerosis	Panayiotou AG	Atherosclerosis. 2010 Jul;211(1):176-81.	2010	2010/3/12	20219198
2181	[The role of telomeres in cancer]	Bendix L	Ugeskr Laeger. 2010 Oct 4;172(40):2748-51.	2010	2010/10/8	20926044
2182	Telomeres and telomerase in normal and cancer stem cells	Shay JW	FEBS Lett. 2010 Sep 10;584(17):3819-25.	2010	2010/5/25	20493857
2183	Dyskeratosis congenita	Bessler M	FEBS Lett. 2010 Sep 10;584(17):3831-8.	2010	2010/5/25	20493861
2184	Coupling aging immunity with a sedentary lifestyle: has the damage already been done?--a mini-review	Simpson RJ	Gerontology. 2010;56(5):449-58.	2010	2009/12/24	20029165
2185	Alterations of the systemic environment are the primary cause of impaired B and T lymphopoiesis in telomere-dysfunctional mice	Song Z	Blood. 2010 Feb 25;115(8):1481-9.	2010	2009/12/8	19965646
2186	Oestrogen, telomerase, ovarian ageing and cancer	Li H	Clin Exp Pharmacol Physiol. 2010 Jan;37(1):78-82.	2010	2009/7/2	19566833
2187	Telomere length of subcutaneous adipose tissue cells is shorter in obese and formerly obese subjects	Moreno-Navarrete JM	Int J Obes (Lond). 2010 Aug;34(8):1345-8.	2010	2010/3/17	20231841
2188	Telomere length and cardiovascular disease	Saliques S	Arch Cardiovasc Dis. 2010 Aug-Sep;103(8-9):454-9.	2010	2010/11/16	21074124

2189	Telomere biology of the chicken: a model for aging research	Swanberg SE	Exp Gerontol. 2010 Sep;45(9):647-54.	2010	2010/4/20	20399262
2190	Insulin signaling and life span	Avogaro A	Pflugers Arch. 2010 Jan;459(2):301-14.	2010	2009/9/17	19756720
2191	Radiosensitization of mammary carcinoma cells by telomere homolog oligonucleotide pretreatment	Weng D	Breast Cancer Res. 2010;12(5):R71.	2010	2010/9/18	20846433
2192	Chromosomal instability and telomere lengths of each chromosomal arm measured by Q-FISH in human fibroblast strains prior to replicative senescence	Takubo K	Mech Ageing Dev. 2010 Oct;131(10):614-24.	2010	2010/9/7	20817007
2193	Association of telomere length with type 2 diabetes, oxidative stress and UCP2 gene variation	Salpea KD	Atherosclerosis. 2010 Mar;209(1):42-50.	2010	2009/11/6	19889414
2194	[Telomeres and telomerase as targeted therapies in cancer treatment]	Souiden Y	Bull Cancer. 2010 Sep;97(9):1087-104.	2010	2010/7/29	20663741
2195	Annual ambient black carbon associated with shorter telomeres in elderly men: Veterans Affairs Normative Aging Study	McCracken J	Environ Health Perspect. 2010 Nov;118(11):1564-70.	2010	2011/4/6	21465749
2196	Function of Apollo (SNM1B) at telomere highlighted by a splice variant identified in a patient with Hoyeraal-Hreidarsson syndrome	Touzot F	Proc Natl Acad Sci U S A. 2010 Jun 1;107(22):10097-102.	2010	2010/5/19	20479256
2197	Nuclear size measurement is a simple method for the assessment of hepatocellular aging in non-alcoholic fatty liver disease: Comparison with telomere-specific quantitative FISH and p21 immunohistochemistry	Nakajima T	Pathol Int. 2010 Mar;60(3):175-83.	2010	2010/4/21	20403043
2198	The pathophysiology of the aging skeleton	Syed FA	Curr Osteoporos Rep. 2010 Dec;8(4):235-40.	2010	2010/9/8	20820962
2199	Linking functional decline of telomeres, mitochondria and stem cells during ageing	Sahin E	Nature. 2010 Mar 25;464(7288):520-8.	2010	2010/3/26	20336134
2200	Workshop on immunizations in older adults: identifying future research agendas	High KP	J Am Geriatr Soc. 2010 Apr;58(4):765-76.	2010	2010/4/20	20398161
2201	Telomere, DNA damage, and oxidative stress in stem cell aging	Zhang J	Birth Defects Res C Embryo Today. 2010 Dec;90(4):297-307.	2010	2010/12/25	21181890
2202	Human aging and CD31+ T-cell number, migration, apoptotic susceptibility, and telomere length	Kushner EJ	J Appl Physiol (1985). 2010 Dec;109(6):1756-61.	2010	2010/9/25	20864561
2203	The correlation between the telomeric parameters and the clinical laboratory data in the patients with brain infarct and metabolic disorders	Maeda T	J Nutr Health Aging. 2010 Nov;14(9):793-7.	2010	2010/11/19	21085912
2204	Dynamics of telomeric chromatin at the crossroads of aging and cancer	Ye J	Essays Biochem. 2010 Sep 20;48(1):147-64.	2010	2010/9/9	20822492

2205	Ageing, telomeres, senescence, and liver injury	Hoare M	J Hepatol. 2010 Nov;53(5):950-61.	2010	2010/8/27	20739078
2206	Features of immune senescence in liver transplant recipients with established grafts	Gelson W	Liver Transpl. 2010 May;16(5):577-87.	2010	2010/5/5	20440767
2207	BTG2 antagonizes Pin1 in response to mitogens and telomere disruption during replicative senescence	Wheaton K	Aging Cell. 2010 Oct;9(5):747-60.	2010	2010/6/24	20569234
2208	Telomeres and telomerase in normal and malignant B-cells	Lobetti-Bodoni C	Hematol Oncol. 2010 Dec;28(4):157-67.	2010	2010/3/10	20213664
2209	Irradiation with carbon ion beams induces apoptosis, autophagy, and cellular senescence in a human glioma-derived cell line	Jinno-Oue A	Int J Radiat Oncol Biol Phys. 2010 Jan 1;76(1):229-41.	2010	2009/12/17	20005456
2210	Association of marine omega-3 fatty acid levels with telomeric aging in patients with coronary heart disease	Farzaneh-Far R	JAMA. 2010 Jan 20;303(3):250-7.	2010	2010/1/21	20085953
2211	Telomere biology in Metazoa	Gomes NM	FEBS Lett. 2010 Sep 10;584(17):3741-51.	2010	2010/7/27	20655915
2212	Genomic analysis of the telomeric length effect on organismic lifespan in Caenorhabditis elegans	Park MC	Biochem Biophys Res Commun. 2010 May 28;396(2):382-7.	2010	2010/5/1	20430011
2213	Short leukocyte telomere length is associated with abdominal aortic aneurysm (AAA)	Atturu G	Eur J Vasc Endovasc Surg. 2010 May;39(5):559-64.	2010	2010/2/23	20172749
2214	Yeast telomerase subunit Est1p has guanine quadruplex-promoting activity that is required for telomere elongation	Zhang ML	Nat Struct Mol Biol. 2010 Feb;17(2):202-9.	2010	2010/1/26	20098422
2215	Side population of a murine mantle cell lymphoma model contains tumour-initiating cells responsible for lymphoma maintenance and dissemination	Vega F	J Cell Mol Med. 2010 Jun;14(6B):1532-45.	2010	2009/8/7	19656242
2216	Evolution in health and medicine Sackler colloquium: Genetic variation in human telomerase is associated with telomere length in Ashkenazi centenarians	Atzmon G	Proc Natl Acad Sci U S A. 2010 Jan 26;107 Suppl 1(Suppl 1):1710-7.	2010	2009/11/17	19915151
2217	Childhood maltreatment and telomere shortening: preliminary support for an effect of early stress on cellular aging	Tyrka AR	Biol Psychiatry. 2010 Mar 15;67(6):531-4.	2010	2009/10/16	19828140
2218	[Telomeres and telomerase: relevance and future prospects in systemic lupus erythematosus]	Georgin-Lavialle S	Rev Med Interne. 2010 May;31(5):345-52.	2010	2010/4/6	20363058
2219	An mre11 mutation that promotes telomere recombination and an efficient bypass of senescence	Joseph IS	Genetics. 2010 Jul;185(3):761-70.	2010	2010/4/28	20421597
2220	Senescent phenotypes and telomere lengths of peripheral blood T-cells mobilized by acute exercise in humans	Simpson RJ	Exerc Immunol Rev. 2010;16:40-55.	2010	2010/9/16	20839490

2221	Short telomeres may play a role in placental dysfunction in preeclampsia and intrauterine growth restriction	Biron-Shental T	Am J Obstet Gynecol. 2010 Apr;202(4):381.e1-7.	2010	2010/3/31	20350645
2222	Role of progerin-induced telomere dysfunction in HGPS premature cellular senescence	Benson EK	J Cell Sci. 2010 Aug 1;123(Pt 15):2605-12.	2010	2010/7/8	20605919
2223	Synchrony of telomere length among hematopoietic cells	Kimura M	Exp Hematol. 2010 Oct;38(10):854-9.	2010	2010/7/6	20600576
2224	Depression gets old fast: do stress and depression accelerate cell aging?	Wolkowitz OM	Depress Anxiety. 2010 Apr;27(4):327-38.	2010	2010/4/9	20376837
2225	Anaemia is associated with shorter leucocyte telomere length in patients with chronic heart failure	Wong LS	Eur J Heart Fail. 2010 Apr;12(4):348-53.	2010	2010/3/26	20335352
2226	Selective isolation of young cells from human corneal endothelium by the sphere-forming assay	Mimura T	Tissue Eng Part C Methods. 2010 Aug;16(4):803-12.	2010	2009/10/27	19852617
2227	Telomere attrition and genomic instability in xeroderma pigmentosum type-b deficient fibroblasts under oxidative stress	Ting AP	J Cell Mol Med. 2010 Jan;14(1-2):403-16.	2010	2009/10/21	19840190
2228	Telomerase deficiency affects normal brain functions in mice	Lee J	Neurochem Res. 2010 Feb;35(2):211-8.	2010	2009/8/18	19685288
2229	SIRT1 contributes to telomere maintenance and augments global homologous recombination	Palacios JA	J Cell Biol. 2010 Dec 27;191(7):1299-313.	2010	2010/12/29	21187328
2230	HTLV-I Tax-dependent and -independent events associated with immortalization of human primary T lymphocytes	Bellon M	Blood. 2010 Mar 25;115(12):2441-8.	2010	2010/1/23	20093405
2231	CHK2-independent induction of telomere dysfunction checkpoints in stem and progenitor cells	Nalapareddy K	EMBO Rep. 2010 Aug;11(8):619-25.	2010	2010/6/26	20577265
2232	Influence of the growth factors PDGF-BB, TGF-beta1 and bFGF on the replicative aging of human articular chondrocytes during in vitro expansion	Brandl A	J Orthop Res. 2010 Mar;28(3):354-60.	2010	2009/10/3	19798738
2233	Is shortening of telomeres the missing link between aging and the Type 2 Diabetes epidemic?	Mulder H	Aging (Albany NY). 2010 Oct;2(10):634-6.	2010	2010/11/16	21076183
2234	Reduced histone biosynthesis and chromatin changes arising from a damage signal at telomeres	O'Sullivan RJ	Nat Struct Mol Biol. 2010 Oct;17(10):1218-25.	2010	2010/10/5	20890289
2235	K12-biotinylated histone H4 is enriched in telomeric repeats from human lung IMR-90 fibroblasts	Wijeratne SS	J Nutr Biochem. 2010 Apr;21(4):310-6.	2010	2009/4/17	19369050
2236	Stromal cell-derived factor 1alpha reduces senescence of endothelial progenitor subpopulation in lectin-binding and DiLDL-uptaking cell through telomerase activation and telomere elongation	Zheng H	J Cell Physiol. 2010 Jun;223(3):757-63.	2010	2010/3/17	20232301

2237	Bone marrow microenvironment in fanconi anemia: a prospective functional study in a cohort of fanconi anemia patients	Lecourt S	Stem Cells Dev. 2010 Feb;19(2):203-8.	2010	2009/7/4	19572808
2238	Telomere length is not predictive of dementia or MCI conversion in the oldest old	Zekry D	Neurobiol Aging. 2010 Apr;31(4):719-20.	2010	2008/7/5	18599157
2239	[The 2009 Nobel Prize in Medicine and its surprising message: lifestyle is associated with telomerase activity]	Falus A	Orv Hetil. 2010 Jun 13;151(24):965-70.	2010	2010/6/4	20519179
2240	Molecular mechanisms of isocyanate induced oncogenic transformation in ovarian epithelial cells	Raghuram GV	Reprod Toxicol. 2010 Nov;30(3):377-86.	2010	2010/8/6	20685613
2241	Differing patterns of peripheral blood leukocyte telomere length in rheumatologic diseases	Tamayo M	Mutat Res. 2010 Jan 5;683(1-2):68-73.	2010	2009/11/3	19879280
2242	Telomeres and telomerase in cancer	Artandi SE	Carcinogenesis. 2010 Jan;31(1):9-18.	2010	2009/11/6	19887512
2243	Cellular aging reflected by leukocyte telomere length predicts advanced atherosclerosis and cardiovascular disease risk	Willeit P	Arterioscler Thromb Vasc Biol. 2010 Aug;30(8):1649-56.	2010	2010/5/29	20508208
2244	Leukemic fusion genes MLL/AF4 and AML1/MTG8 support leukemic self-renewal by controlling expression of the telomerase subunit TERT	Gessner A	Leukemia. 2010 Oct;24(10):1751-9.	2010	2010/8/6	20686504
2245	Utility of telomerase-pot1 fusion protein in vascular tissue engineering	Petersen TH	Cell Transplant. 2010;19(1):79-87.	2010	2009/11/3	19878625
2246	[Telomere]	Takubo K	Nihon Rinsho. 2009 Jul;67(7):1293-7.	2009	2009/7/14	19591275
2247	Telomeres and reproductive aging	Keefe DL	Reprod Fertil Dev. 2009;21(1):10-4.	2009	2009/1/21	19152740
2248	Role of telomere dysfunction in aging and its detection by biomarkers	von Figura G	J Mol Med (Berl). 2009 Dec;87(12):1165-71.	2009	2009/8/12	19669107
2249	Aging and endothelial progenitor cell telomere length in healthy men	Kushner EJ	Clin Chem Lab Med. 2009;47(1):47-50.	2009	2008/12/6	19055473
2250	[Role of the environmental factors on aging]	Makino N	Nihon Rinsho. 2009 Jul;67(7):1332-6.	2009	2009/7/14	19591281
2251	Telomere dysfunction and DNA damage checkpoints in diseases and cancer of the gastrointestinal tract	Rudolph KL	Gastroenterology. 2009 Sep;137(3):754-62.	2009	2009/7/22	19619548
2252	Telomere length-heterogeneity among myeloid cells is a predictor for chronological ageing	Hoffmann J	Exp Gerontol. 2009 May;44(5):363-6.	2009	2009/3/3	19248826

2253	Telomeres do the (un)twist: helicase actions at chromosome termini	Chavez A	Biochim Biophys Acta. 2009 Apr;1792(4):329-40.	2009	2009/2/28	19245831
2254	Mechanisms of telomere maintenance and attrition: linking cancer and ageing	Hengstler JG	Arch Toxicol. 2009 May;83(5):405-6.	2009	2009/4/25	19390840
2255	Telomere dynamics rather than age predict life expectancy in the wild	Bize P	Proc Biol Sci. 2009 May 7;276(1662):1679-83.	2009	2009/3/28	19324831
2256	Age-related changes in subtelomeric methylation in the normal Japanese population	Maeda T	J Gerontol A Biol Sci Med Sci. 2009 Apr;64(4):426-34.	2009	2009/2/19	19223605
2257	Leukocyte telomere length: the telomere tale continues	Aviv A	Am J Clin Nutr. 2009 Jun;89(6):1721-2.	2009	2009/4/24	19386739
2258	Telomeres, ageing and oxidation	Lamb KJ	SEB Exp Biol Ser. 2009;62:117-37.	2009	2009/5/8	19418995
2259	Telomere dynamics in aging: much ado about nothing?	Longo DL	J Gerontol A Biol Sci Med Sci. 2009 Sep;64(9):963-4.	2009	2009/6/10	19505961
2260	Leukocyte telomere dynamics: longitudinal findings among young adults in the Bogalusa Heart Study	Aviv A	Am J Epidemiol. 2009 Feb 1;169(3):323-9.	2009	2008/12/6	19056834
2261	DNA damage response and cellular senescence in tissues of aging mice	Wang C	Aging Cell. 2009 Jun;8(3):311-23.	2009	2009/7/25	19627270
2262	Sex-related differences in length and erosion dynamics of human telomeres favor females	Möller P	Aging (Albany NY). 2009 Jul 14;1(8):733-9.	2009	2010/3/3	20195387
2263	Short telomeres in hatchling snakes: erythrocyte telomere dynamics and longevity in tropical pythons	Ujvari B	PLoS One. 2009 Oct 16;4(10):e7493.	2009	2009/10/17	19834611
2264	Unravelling the secrets of ageing	Mayor S	BMJ. 2009 Jan 8;338:a3024.	2009	2009/1/10	19131385
2265	Influences on the reduction of relative telomere length over 10 years in the population-based Bruneck Study: introduction of a well-controlled high-throughput assay	Ehrlenbach S	Int J Epidemiol. 2009 Dec;38(6):1725-34.	2009	2009/8/12	19666704
2266	[Effect of Cynomorium songaricum polysaccharide on telomere length in blood and brain of D-galactose-induced senescence mice]	Ma L	Zhongguo Zhong Yao Za Zhi. 2009 May;34(10):1257-60.	2009	2009/8/14	19673390
2267	[Can we prevent vascular aging?]	Minamino T	Nihon Ronen Igakkai Zasshi. 2009 Jul;46(4):323-6.	2009	2009/8/29	19713662
2268	Senescence and p130/Rbl2: a new beginning to the end	Fiorentino FP	Cell Res. 2009 Sep;19(9):1044-51.	2009	2009/8/12	19668264

2269	Cellular senescence: unravelling complexity	Passos JF	Age (Dordr). 2009 Dec;31(4):353-63.	2009	2009/7/21	19618294
2270	Using biomarkers of aging to identify modifiable mechanisms underlying age-related risk for cancer	Skinner HG	WMJ. 2009 Aug;108(5):280-1.	2009	2009/9/12	19743770
2271	Sod2 haploinsufficiency does not accelerate aging of telomere dysfunctional mice	Guachalla LM	Aging (Albany NY). 2009 Mar 5;1(3):303-15.	2009	2010/3/3	20195488
2272	Telomere length and chronic obstructive pulmonary disease: evidence of accelerated aging	Mui TS	J Am Geriatr Soc. 2009 Dec;57(12):2372-4.	2009	2010/2/4	20122000
2273	[Future breakthroughs in medical treatment of age-related conditions]	Vaag A	Ugeskr Laeger. 2009 Mar 2;171(10):794-6.	2009	2009/3/7	19265603
2274	Cellular senescence: its role in tumor suppression and aging	Ohtani N	Cancer Sci. 2009 May;100(5):792-7.	2009	2009/3/24	19302284
2275	[A review of cellular senescence: friend or foe of tumorigenesis?]	Bischof O	Med Sci (Paris). 2009 Feb;25(2):153-60.	2009	2009/2/26	19239847
2276	Commentary: Raising the bar on telomere epidemiology	Aviv A	Int J Epidemiol. 2009 Dec;38(6):1735-6.	2009	2009/10/3	19797335
2277	Estimation of human age according to telomere shortening in peripheral blood leukocytes of Tibetan	Ren F	Am J Forensic Med Pathol. 2009 Sep;30(3):252-5.	2009	2009/8/22	19696580
2278	Association between leukocyte telomere shortening and exposure to traffic pollution: a cross-sectional study on traffic officers and indoor office workers	Hoxha M	Environ Health. 2009 Sep 21;8:41.	2009	2009/9/24	19772576
2279	Telomerase and human disease: the beginnings of the ends?	Fossel M	Rejuvenation Res. 2009 Oct;12(5):333-40.	2009	2009/9/4	19725774
2280	Donor age reflects the replicative lifespan of human fibroblasts in culture	Kaji K	Hum Cell. 2009 May;22(2):38-42.	2009	2009/4/24	19385098
2281	Higher circulating levels of IGF-1 are associated with longer leukocyte telomere length in healthy subjects	Barbieri M	Mech Ageing Dev. 2009 Nov-Dec;130(11-12):771-6.	2009	2009/11/17	19913048
2282	No association between telomere length and blood cell counts in elderly individuals	Mollica L	J Gerontol A Biol Sci Med Sci. 2009 Sep;64(9):965-7.	2009	2009/5/14	19435952
2283	Biomarkers of aging with prognostic and predictive value in non-oncological diseases	Koppelstaetter C	Curr Med Chem. 2009;16(27):3469-75.	2009	2009/6/25	19548863
2284	Aging and cancer cell biology, 2009	Campisi J	Aging Cell. 2009 Jun;8(3):221-5.	2009	2009/7/25	19627264

2285	Telomerase, mitochondria and oxidative stress	Saretzki G	Exp Gerontol. 2009 Aug;44(8):485-92.	2009	2009/5/22	19457450
2286	[Progress of research in osteoarthritis. Involvement of reactive oxygen species in the pathogenesis of osteoarthritis]	Fukuda K	Clin Calcium. 2009 Nov;19(11):1602-6.	2009	2009/11/3	19880992
2287	Telomere recombination accelerates cellular aging in Saccharomyces cerevisiae	Chen XF	PLoS Genet. 2009 Jun;5(6):e1000535.	2009	2009/6/27	19557187
2288	Kleemeier Award Lecture 2008--the canary in the coal mine: telomeres and human healthspan	Effros RB	J Gerontol A Biol Sci Med Sci. 2009 May;64(5):511-5.	2009	2009/2/21	19228779
2289	Modeling of replicative senescence in hematopoietic development	Marciniak-Czochra A	Aging (Albany NY). 2009 Jul 23;1(8):723-32.	2009	2010/3/3	20195386
2290	Radiation sensitivity increases with proliferation-associated telomere dysfunction in nontransformed human epithelial cells	Soler D	Aging Cell. 2009 Aug;8(4):414-25.	2009	2009/5/29	19473118
2291	Premature aging	Vulliamy TJ	Cell Mol Life Sci. 2009 Sep;66(18):3091-4.	2009	2009/7/21	19618112
2292	The role of recombination in telomere length maintenance	Royle NJ	Biochem Soc Trans. 2009 Jun;37(Pt 3):589-95.	2009	2009/5/16	19442255
2293	Altered nuclear functions in progeroid syndromes: a paradigm for aging research	Li B	ScientificWorldJournal. 2009 Dec 16;9:1449-62.	2009	2009/12/22	20024518
2294	Telomere diseases	Calado RT	N Engl J Med. 2009 Dec 10;361(24):2353-65.	2009	2009/12/17	20007561
2295	A structural basis for cellular senescence	Aranda-Anzaldo A	Aging (Albany NY). 2009 Jul 29;1(7):598-607.	2009	2010/2/17	20157542
2296	[Aging or tumor: the crosstalk between telomerase and p53]	Zhang XF	Yi Chuan. 2009 May;31(5):451-6.	2009	2009/7/10	19586837
2297	The 2008 American Federation For Aging Annual Research Conference: aging and cancer: two sides of the same coin?	Martin GM	J Gerontol A Biol Sci Med Sci. 2009 Jun;64(6):615-7.	2009	2009/4/21	19377012
2298	Essential role of Pin1 in the regulation of TRF1 stability and telomere maintenance	Lee TH	Nat Cell Biol. 2009 Jan;11(1):97-105.	2009	2008/12/9	19060891
2299	Older men with higher self-rated socioeconomic status have shorter telomeres	Woo J	Age Ageing. 2009 Sep;38(5):553-8.	2009	2009/6/27	19556325
2300	[Correlations of telomere length changing and pathogeny of keratoconus]	Wang JJ	Zhonghua Yan Ke Za Zhi. 2009 Aug;45(8):724-9.	2009	2009/12/22	20021886

2301	Leukocyte telomere length, hypertension, and atherosclerosis: are there potential mechanistic explanations?	Aviv A	Hypertension. 2009 Apr;53(4):590-1.	2009	2009/3/4	19255359
2302	Socioeconomic status and telomere length: the West of Scotland Coronary Prevention Study	Batty GD	J Epidemiol Community Health. 2009 Oct;63(10):839-41.	2009	2009/5/27	19468018
2303	A case study of "disorganized development" and its possible relevance to genetic determinants of aging	Walker RF	Mech Ageing Dev. 2009 May;130(5):350-6.	2009	2009/5/12	19428454
2304	Altered states of telomere deprotection and the two-stage mechanism of replicative aging	Zou Y	Mol Cell Biol. 2009 May;29(9):2390-7.	2009	2009/2/19	19223460
2305	Aging-associated alteration of subtelomeric methylation in Parkinson's disease	Maeda T	J Gerontol A Biol Sci Med Sci. 2009 Sep;64(9):949-55.	2009	2009/6/9	19502593
2306	Can meditation slow rate of cellular aging? Cognitive stress, mindfulness, and telomeres	Epel E	Ann N Y Acad Sci. 2009 Aug;1172:34-53.	2009	2009/9/9	19735238
2307	Telomere-associated proteins: cross-talk between telomere maintenance and telomere-lengthening mechanisms	De Boeck G	J Pathol. 2009 Feb;217(3):327-44.	2009	2009/1/15	19142887
2308	Cancer and aging: the molecular pathways	Bassi P	Urol Oncol. 2009 Nov-Dec;27(6):620-7.	2009	2009/11/3	19879472
2309	[The biology of aging]	Le Gall JY	Bull Acad Natl Med. 2009 Feb;193(2):365-402; discussion 402-4.	2009	2009/9/2	19718893
2310	Stress-induced premature senescence of endothelial cells: a perilous state between recovery and point of no return	Goligorsky MS	Curr Opin Hematol. 2009 May;16(3):215-9.	2009	2009/3/26	19318942
2311	Telomere shortening and survival in free-living corvids	Salomons HM	Proc Biol Sci. 2009 Sep 7;276(1670):3157-65.	2009	2009/6/13	19520803
2312	Association between telomere length, specific causes of death, and years of healthy life in health, aging, and body composition, a population-based cohort study	Njajou OT	J Gerontol A Biol Sci Med Sci. 2009 Aug;64(8):860-4.	2009	2009/5/14	19435951
2313	Race/ethnicity and telomere length in the Multi-Ethnic Study of Atherosclerosis	Diez Roux AV	Aging Cell. 2009 Jun;8(3):251-7.	2009	2009/3/24	19302371
2314	Multivitamin use and telomere length in women	Xu Q	Am J Clin Nutr. 2009 Jun;89(6):1857-63.	2009	2009/3/13	19279081
2315	Poor maternal nutrition followed by accelerated postnatal growth leads to telomere shortening and increased markers of cell senescence in rat islets	Tarry-Adkins JL	FASEB J. 2009 May;23(5):1521-8.	2009	2009/1/8	19126595
2316	Shortened telomeres in circulating leukocytes of patients with chronic obstructive pulmonary disease	Savale L	Am J Respir Crit Care Med. 2009 Apr 1;179(7):566-71.	2009	2009/1/31	19179485

2317	Telomeres shorten while Tert expression increases during ageing of the short-lived fish Nothobranchius furzeri	Hartmann N	Mech Ageing Dev. 2009 May;130(5):290-6.	2009	2009/5/12	19428446
2318	Significant correlation of species longevity with DNA double strand break recognition but not with telomere length	Lorenzini A	Mech Ageing Dev. 2009 Nov-Dec;130(11-12):784-92.	2009	2009/11/10	19896964
2319	Fetal growth restriction is associated with accelerated telomere shortening and increased expression of cell senescence markers in the placenta	Davy P	Placenta. 2009 Jun;30(6):539-42.	2009	2009/4/11	19359039
2320	Cellular immortality in brain tumours: an integration of the cancer stem cell paradigm	Rahman R	Biochim Biophys Acta. 2009 Apr;1792(4):280-8.	2009	2009/5/8	19419702
2321	Telomere-mediated effects on melanogenesis and skin aging	Gilchrest BA	J Investig Dermatol Symp Proc. 2009 Aug;14(1):25-31.	2009	2009/8/14	19675549
2322	Short telomeres and prognosis of hypertension in a chinese population	Yang Z	Hypertension. 2009 Apr;53(4):639-45.	2009	2009/3/4	19255364
2323	Heterogeneity in mitotic activity and telomere length implies an important role of young islets in the maintenance of islet mass in the adult pancreas	Peng SW	Endocrinology. 2009 Jul;150(7):3058-66.	2009	2009/3/7	19264872
2324	The roles of telomeres and telomerase in beta-cell regeneration	Liew CW	Diabetes Obes Metab. 2009 Nov;11 Suppl 4:21-9.	2009	2009/10/13	19817785
2325	Telomere biology in cardiovascular disease: the TERC-/- mouse as a model for heart failure and ageing	Wong LS	Cardiovasc Res. 2009 Feb 1;81(2):244-52.	2009	2008/12/3	19047341
2326	Telomeres and telomerase in adrenocortical tissue maintenance, carcinogenesis, and aging	Else T	J Mol Endocrinol. 2009 Oct;43(4):131-41.	2009	2009/5/5	19411304
2327	Connecting obesity, aging and diabetes	Ahima RS	Nat Med. 2009 Sep;15(9):996-7.	2009	2009/9/8	19734871
2328	Leukocyte Telomere Length Is Not Associated With BMD, Osteoporosis, or Fracture in Older Adults: Results From the Health, Aging and Body Composition Study	Sanders JL	J Bone Miner Res. 2009 Sep;24(9):1531-6.	2009	2009/4/3	19338455
2329	Pessimism correlates with leukocyte telomere shortness and elevated interleukin-6 in post-menopausal women	O'Donovan A	Brain Behav Immun. 2009 May;23(4):446-9.	2009	2008/12/30	19111922
2330	Mechanisms of endothelial senescence	Erusalimsky JD	Exp Physiol. 2009 Mar;94(3):299-304.	2009	2008/10/22	18931048
2331	Telomere length dynamics differ in foetal and early post-natal human leukocytes in a longitudinal study	Holmes DK	Biogerontology. 2009 Jun;10(3):279-84.	2009	2008/11/8	18989747
2332	Telomere length in lymphocytes of older South Australian men may be inversely associated with plasma homocysteine	Bull CF	Rejuvenation Res. 2009 Oct;12(5):341-9.	2009	2009/9/30	19785508

2333	Pathway analysis of senescence-associated miRNA targets reveals common processes to different senescence induction mechanisms	Lafferty-Whyte K	Biochim Biophys Acta. 2009 Apr;1792(4):341-52.	2009	2009/5/8	19419692
2334	Cellular senescence: molecular mechanisms, in vivo significance, and redox considerations	Muller M	Antioxid Redox Signal. 2009 Jan;11(1):59-98.	2009	2008/11/4	18976161
2335	The NADPH oxidase Nox4 restricts the replicative lifespan of human endothelial cells	Lener B	Biochem J. 2009 Oct 12;423(3):363-74.	2009	2009/8/18	19681754
2336	Physical exercise prevents cellular senescence in circulating leukocytes and in the vessel wall	Werner C	Circulation. 2009 Dec 15;120(24):2438-47.	2009	2009/12/2	19948976
2337	Resveratrol induces senescence-like growth inhibition of U-2 OS cells associated with the instability of telomeric DNA and upregulation of BRCA1	Rusin M	Mech Ageing Dev. 2009 Aug;130(8):528-37.	2009	2009/6/30	19559722
2338	Serum insulin-like growth factor-I concentration is associated with leukocyte telomere length in a population-based cohort of elderly men	Movérare-Skrtic S	J Clin Endocrinol Metab. 2009 Dec;94(12):5078-84.	2009	2009/10/23	19846733
2339	Telomere shortening in neural stem cells disrupts neuronal differentiation and neuritogenesis	Ferrón SR	J Neurosci. 2009 Nov 18;29(46):14394-407.	2009	2009/11/20	19923274
2340	p53 deletion impairs clearance of chromosomal-instable stem cells in aging telomere-dysfunctional mice	Begus-Nahrmann Y	Nat Genet. 2009 Oct;41(10):1138-43.	2009	2009/9/1	19718028
2341	Chromosome protection scoops Nobel	Abbott A	Nature. 2009 Oct 8;461(7265):706-7.	2009	2009/10/9	19812642
2342	Aging-related alterations of subtelomeric methylation in sarcoidosis patients	Maeda T	J Gerontol A Biol Sci Med Sci. 2009 Jul;64(7):752-60.	2009	2009/5/6	19414507
2343	Accumulation of cells with short telomeres is associated with impaired zinc homeostasis and inflammation in old hypertensive participants	Cipriano C	J Gerontol A Biol Sci Med Sci. 2009 Jul;64(7):745-51.	2009	2009/4/11	19359441
2344	Cellular senescence of white blood cells in very long-term survivors after allogeneic hematopoietic stem cell transplantation: the role of chronic graft-versus-host disease and female donor sex	Baerlocher GM	Blood. 2009 Jul 2;114(1):219-22.	2009	2009/5/5	19411630
2345	Senescence mechanisms of nucleus pulposus chondrocytes in human intervertebral discs	Kim KW	Spine J. 2009 Aug;9(8):658-66.	2009	2009/6/23	19540815
2346	Arginine methylation regulates telomere length and stability	Mitchell TR	Mol Cell Biol. 2009 Sep;29(18):4918-34.	2009	2009/7/15	19596784
2347	Renal dysfunction is associated with shorter telomere length in heart failure	Wong LS	Clin Res Cardiol. 2009 Oct;98(10):629-34.	2009	2009/7/16	19603133
2348	Attenuated expression of SECIS binding protein 2 causes loss of telomeric reserve without affecting telomerase	Squires JE	Exp Gerontol. 2009 Sep;44(9):619-23.	2009	2009/7/1	19563878

2349	Cell intrinsic and extrinsic mechanisms of stem cell aging depend on telomere status	Song Z	Exp Gerontol. 2009 Jan-Feb;44(1-2):75-82.	2009	2008/7/22	18640258
2350	Perceived age as clinically useful biomarker of ageing: cohort study	Christensen K	BMJ. 2009 Dec 10;339:b5262.	2009	2009/12/17	20008378
2351	Comparisons of telomere lengths in peripheral blood and cerebellum in Alzheimer's disease	Lukens JN	Alzheimers Dement. 2009 Nov;5(6):463-9.	2009	2009/11/10	19896585
2352	Aging in the lympho-hematopoietic stem cell compartment	Geiger H	Trends Immunol. 2009 Jul;30(7):360-5.	2009	2009/6/23	19540806
2353	Differentiation rather than aging of muscle stem cells abolishes their telomerase activity	O'Connor MS	Biotechnol Prog. 2009 Jul-Aug;25(4):1130-7.	2009	2009/5/21	19455648
2354	Telomere length and reproductive aging	Hanna CW	Hum Reprod. 2009 May;24(5):1206-11.	2009	2009/2/10	19202142
2355	Induction of alternative lengthening of telomeres-associated PML bodies by p53/p21 requires HP1 proteins	Jiang WQ	J Cell Biol. 2009 Jun 1;185(5):797-810.	2009	2009/5/27	19468068
2356	Chlorella vulgaris modulates hydrogen peroxide-induced DNA damage and telomere shortening of human fibroblasts derived from different aged individuals	Makpol S	Afr J Tradit Complement Altern Med. 2009 Jul 3;6(4):560-72.	2009	2010/7/8	20606778
2357	Insulin-like growth factors and leukocyte telomere length: the cardiovascular health study	Kaplan RC	J Gerontol A Biol Sci Med Sci. 2009 Nov;64(11):1103-6.	2009	2009/4/8	19349587
2358	Increased telomere fragility and fusions resulting from TRF1 deficiency lead to degenerative pathologies and increased cancer in mice	Martínez P	Genes Dev. 2009 Sep 1;23(17):2060-75.	2009	2009/8/15	19679647
2359	Carbamylated darbepoetin derivative prevents endothelial progenitor cell damage with no effect on angiogenesis	Ramirez R	J Mol Cell Cardiol. 2009 Dec;47(6):781-8.	2009	2009/9/29	19782086
2360	Role of telomere length in subtelomeric gene expression and its possible relation to cellular senescence	Hernandez-Caballero E	BMB Rep. 2009 Nov 30;42(11):747-51.	2009	2009/12/1	19944017
2361	MLL associates with telomeres and regulates telomeric repeat-containing RNA transcription	Caslini C	Mol Cell Biol. 2009 Aug;29(16):4519-26.	2009	2009/6/17	19528237
2362	Tissue context-activated telomerase in human epidermis correlates with little age-dependent telomere loss	Krunic D	Biochim Biophys Acta. 2009 Apr;1792(4):297-308.	2009	2009/5/8	19419690
2363	The promise of telomere length, telomerase activity and its regulation in the translocation-dependent cancer ESFT; clinical challenges and utility	Proctor A	Biochim Biophys Acta. 2009 Apr;1792(4):260-74.	2009	2009/3/7	19264125
2364	Large CTG repeats trigger p16-dependent premature senescence in myotonic dystrophy type 1 muscle precursor cells	Bigot A	Am J Pathol. 2009 Apr;174(4):1435-42.	2009	2009/2/28	19246640

2365	Telomere dynamics during replicative senescence are not directly modulated by conditions of oxidative stress in IMR90 fibroblast cells	Britt-Compton B	Biogerontology. 2009 Dec;10(6):683-93.	2009	2009/2/14	19214769
2366	Vascular endothelial senescence: from mechanisms to pathophysiology	Erusalimsky JD	J Appl Physiol (1985). 2009 Jan;106(1):326-32.	2009	2008/11/28	19036896
2367	Cellular senescence and longevity of osteophyte-derived mesenchymal stem cells compared to patient-matched bone marrow stromal cells	Singh S	J Cell Biochem. 2009 Nov 1;108(4):839-50.	2009	2009/8/21	19693768
2368	Distinct mesenchymal progenitor cell subsets in the adult human synovium	Karystinou A	Rheumatology (Oxford). 2009 Sep;48(9):1057-64.	2009	2009/7/17	19605375
2369	Increased oral fibroblast lifespan is telomerase-independent	Enoch S	J Dent Res. 2009 Oct;88(10):916-21.	2009	2009/9/29	19783799
2370	The shelterin protein TRF2 inhibits Chk2 activity at telomeres in the absence of DNA damage	Buscemi G	Curr Biol. 2009 May 26;19(10):874-9.	2009	2009/4/21	19375317
2371	Telomere uncapping during in vitro T-lymphocyte senescence	Chebel A	Aging Cell. 2009 Feb;8(1):52-64.	2009	2008/12/17	19077045
2372	[Epigenetic nature of ageing]	Galitskiĭ VA	Tsitologiia. 2009;51(5):388-97.	2009	2009/7/2	19566030
2373	Short telomeres are sufficient to cause the degenerative defects associated with aging	Armanios M	Am J Hum Genet. 2009 Dec;85(6):823-32.	2009	2009/12/1	19944403
2374	Telomeres acquire embryonic stem cell characteristics in induced pluripotent stem cells	Marion RM	Cell Stem Cell. 2009 Feb 6;4(2):141-54.	2009	2009/2/10	19200803
2375	Telomerase insufficiency in rheumatoid arthritis	Fujii H	Proc Natl Acad Sci U S A. 2009 Mar 17;106(11):4360-5.	2009	2009/3/4	19255426
2376	Telomere shortening and oxidative stress in aged macrophages results in impaired STAT5a phosphorylation	Sebastián C	J Immunol. 2009 Aug 15;183(4):2356-64.	2009	2009/7/17	19605693
2377	A comparative analysis of the cell biology of senescence and aging	Hwang ES	Cell Mol Life Sci. 2009 Aug;66(15):2503-24.	2009	2009/5/8	19421842
2378	Telomere length in peripheral blood mononuclear cells is associated with folate status in men	Paul L	J Nutr. 2009 Jul;139(7):1273-8.	2009	2009/5/22	19458030
2379	Psychological and metabolic stress: a recipe for accelerated cellular aging?	Epel ES	Hormones (Athens). 2009 Jan-Mar;8(1):7-22.	2009	2009/3/10	19269917
2380	Novel KRIT1 mutation and no molecular evidence of anticipation in a family with cerebral and spinal cavernous malformations	Kuhn J	Eur Neurol. 2009;61(3):154-8.	2009	2008/12/19	19092252

2381	Telomere length and pulse pressure in newly diagnosed, antipsychotic-naive patients with nonaffective psychosis	Fernandez-Egea E	Schizophr Bull. 2009 Mar;35(2):437-42.	2009	2009/3/13	19279086
2382	Telomeres and marrow failure	Calado RT	Hematology Am Soc Hematol Educ Program. 2009:338-43.	2009	2009/12/17	20008219
2383	Large liver cell change in hepatitis B virus-related liver cirrhosis	Kim H	Hepatology. 2009 Sep;50(3):752-62.	2009	2009/7/9	19585549
2384	Isaindigotone derivatives: a new class of highly selective ligands for telomeric G-quadruplex DNA	Tan JH	J Med Chem. 2009 May 14;52(9):2825-35.	2009	2009/4/10	19354252
2385	Extended in vitro expansion of adult, mobilized CD34+ cells without significant cell senescence using a stromal cell coculture system with single cytokine support	Weisel KC	Stem Cells Dev. 2009 Mar;18(2):229-34.	2009	2008/5/22	18491948
2386	A p53-dependent response limits epidermal stem cell functionality and organismal size in mice with short telomeres	Flores I	PLoS One. 2009;4(3):e4934.	2009	2009/3/20	19295915
2387	MSH2 deficiency abolishes the anticancer and pro-aging activity of short telomeres	Martinez P	Aging Cell. 2009 Feb;8(1):2-17.	2009	2008/11/7	18986375
2388	A double-negative (IgD-CD27-) B cell population is increased in the peripheral blood of elderly people	Colonna-Romano G	Mech Ageing Dev. 2009 Oct;130(10):681-90.	2009	2009/8/25	19698733
2389	Telomere length regulates ISG15 expression in human cells	Lou Z	Aging (Albany NY). 2009 Jul 17;1(7):608-21.	2009	2010/2/17	20157543
2390	[Chromatin regulation in the chromosome cycle: overview]	Nakayama J	Tanpakushitsu Kakusan Koso. 2009 Mar;54(4 Suppl):485-7.	2009	2010/11/25	21089496
2391	Rejuvenating the immune system in rheumatoid arthritis	Weyand CM	Nat Rev Rheumatol. 2009 Oct;5(10):583-8.	2009	2009/10/3	19798035
2392	Vulnerability to oxidative stress and different patterns of senescence in human peritoneal mesothelial cell strains	Ksiazek K	Am J Physiol Regul Integr Comp Physiol. 2009 Feb;296(2):R374-82.	2009	2008/11/28	19036828
2393	KLRG1 signaling induces defective Akt (ser473) phosphorylation and proliferative dysfunction of highly differentiated CD8+ T cells	Henson SM	Blood. 2009 Jun 25;113(26):6619-28.	2009	2009/5/2	19406987
2394	Cellular senescence in pretransplant renal biopsies predicts postoperative organ function	McGlynn LM	Aging Cell. 2009 Feb;8(1):45-51.	2009	2008/12/11	19067655
2395	Functional unresponsiveness and replicative senescence of myeloid leukemia antigen-specific CD8+ T cells after allogeneic stem cell transplantation	Beatty GL	Clin Cancer Res. 2009 Aug 1;15(15):4944-53.	2009	2009/7/16	19602548
2396	Doxorubicin induces senescence or apoptosis in rat neonatal cardiomyocytes by regulating the expression levels of the telomere binding factors 1 and 2	Spallarossa P	Am J Physiol Heart Circ Physiol. 2009 Dec;297(6):H2169-81.	2009	2009/10/6	19801496

2397	Reduced number and function of endothelial progenitor cells in patients with aortic valve stenosis: a novel concept for valvular endothelial cell repair	Matsumoto Y	Eur Heart J. 2009 Feb;30(3):346-55.	2009	2008/11/18	19010796
2398	Persistent DNA damage signalling triggers senescence-associated inflammatory cytokine secretion	Rodier F	Nat Cell Biol. 2009 Aug;11(8):973-9.	2009	2009/7/15	19597488
2399	Bone morphogenetic protein-7 induces telomerase inhibition, telomere shortening, breast cancer cell senescence, and death via Smad3	Cassar L	FASEB J. 2009 Jun;23(6):1880-92.	2009	2009/2/6	19193721
2400	Telomeres and aging	Aubert G	Physiol Rev. 2008 Apr;88(2):557-79.	2008	2008/4/9	18391173
2401	Telomere, telomerase and aging	Liu Y	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):1-2.	2008	2008/1/25	18215415
2402	Telomerase, senescence and ageing	Shawi M	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):3-10.	2008	2008/1/25	18215413
2403	Cellular senescence and organismal aging	Jeyapalan JC	Mech Ageing Dev. 2008 Jul-Aug;129(7-8):467-74.	2008	2008/5/27	18502472
2404	The epidemiology of human telomeres: faults and promises	Aviv A	J Gerontol A Biol Sci Med Sci. 2008 Sep;63(9):979-83.	2008	2008/10/9	18840804
2405	DNA damage, vascular senescence and atherosclerosis	Andreassi MG	J Mol Med (Berl). 2008 Sep;86(9):1033-43.	2008	2008/6/20	18563380
2406	Telomeric chromatin: roles in aging, cancer and hereditary disease	McCord RA	Mutat Res. 2008 Dec 1;647(1-2):86-93.	2008	2008/9/10	18778718
2407	Offspring's leukocyte telomere length, paternal age, and telomere elongation in sperm	Kimura M	PLoS Genet. 2008 Feb;4(2):e37.	2008	2008/2/20	18282113
2408	[Telomeres and biological ageing in cardiovascular disease]	Huzen J	Ned Tijdschr Geneeskd. 2008 May 31;152(22):1265-70.	2008	2008/7/2	18590060
2409	Genetic variation and environmental factors in biological and arterial ageing	Nawrot TS	Verh K Acad Geneeskd Belg. 2008;70(5-6):323-38.	2008	2009/9/4	19725392
2410	DNA damage response, telomere maintenance and ageing in light of the integrative model	Slijepcevic P	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):11-6.	2008	2007/12/8	18063009
2411	Oxidative stress, telomere length and biomarkers of physical aging in a cohort aged 79 years from the 1932 Scottish Mental Survey	Starr JM	Mech Ageing Dev. 2008 Dec;129(12):745-51.	2008	2008/11/4	18977241
2412	Investigation of telomere lengths measurement by quantitative real-time PCR to predict age	Hewakapuge S	Leg Med (Tokyo). 2008 Sep;10(5):236-42.	2008	2008/4/2	18378481

2413	[Targeting telomeres to enforce cancer cells to senesce]	Londoño-Vallejo A	Med Sci (Paris). 2008 Apr;24(4):383-9.	2008	2008/4/15	18405637
2414	Population mixture model for nonlinear telomere dynamics	Itzkovitz S	Phys Rev E Stat Nonlin Soft Matter Phys. 2008 Dec;78(6 Pt 1):060902.	2008	2009/3/5	19256795
2415	Aging stem cells, latexin, and longevity	Liang Y	Exp Cell Res. 2008 Jun 10;314(9):1962-72.	2008	2008/4/1	18374916
2416	Successful aging: is it in our future?	Guralnik JM	Arch Intern Med. 2008 Jan 28;168(2):131-2.	2008	2008/1/30	18227356
2417	Biological ageing and cardiovascular disease	Samani NJ	Heart. 2008 May;94(5):537-9.	2008	2008/4/16	18411343
2418	The effect of age and telomere length on immune function in the horse	Katepalli MP	Dev Comp Immunol. 2008;32(12):1409-15.	2008	2008/7/16	18619486
2419	The rate of leukocyte telomere shortening predicts mortality from cardiovascular disease in elderly men	Epel ES	Aging (Albany NY). 2008 Dec 4;1(1):81-8.	2008	2010/3/3	20195384
2420	Production efficiency and telomere length of the cloned pigs following serial somatic cell nuclear transfer	Kurome M	J Reprod Dev. 2008 Aug;54(4):254-8.	2008	2008/5/21	18490858
2421	Accelerated senescence: an emerging role in tumor cell response to chemotherapy and radiation	Gewirtz DA	Biochem Pharmacol. 2008 Oct 15;76(8):947-57.	2008	2008/7/29	18657518
2422	A computational model for telomere-dependent cell-replicative aging	Portugal RD	Biosystems. 2008 Jan;91(1):262-7.	2008	2007/12/8	18063293
2423	No association between physical activity and telomere length in an elderly Chinese population 65 years and older	Woo J	Arch Intern Med. 2008 Oct 27;168(19):2163-4.	2008	2008/10/29	18955647
2424	Lower red blood cell counts in middle-aged subjects with shorter peripheral blood leukocyte telomere length	De Meyer T	Aging Cell. 2008 Oct;7(5):700-5.	2008	2008/7/31	18665909
2425	Application of a joint multivariate longitudinal-survival analysis to examine the terminal decline hypothesis in the Swiss Interdisciplinary Longitudinal Study on the Oldest Old	Ghisletta P	J Gerontol B Psychol Sci Soc Sci. 2008 May;63(3):P185-92.	2008	2008/6/19	18559684
2426	The teleost Oryzias latipes shows telomere shortening with age despite considerable telomerase activity throughout life	Hatakeyama H	Mech Ageing Dev. 2008 Sep;129(9):550-7.	2008	2008/7/4	18597819
2427	Telomeres and longevity: testing an evolutionary hypothesis	Haussmann MF	Mol Biol Evol. 2008 Jan;25(1):220-8.	2008	2007/12/12	18071200
2428	Telomeric position effect: from the yeast paradigm to human pathologies?	Ottaviani A	Biochimie. 2008 Jan;90(1):93-107.	2008	2007/9/18	17868970

2429	Telomere length inheritance and aging	Kappei D	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):17-26.	2008	2007/12/7	18054991
2430	Cellular senescence and cellular longevity: nearly 50 years on and still working on it	d'Adda di Fagagna F	Exp Cell Res. 2008 Jun 10;314(9):1907-8.	2008	2008/5/14	18474280
2431	Telomeres II	Baird DM	Exp Gerontol. 2008 Jan;43(1):15-9.	2008	2007/11/6	17981417
2432	Renal senescence in 2008: progress and challenges	Zhou XJ	Int Urol Nephrol. 2008;40(3):823-39.	2008	2008/6/28	18584301
2433	Role of telomeres in vascular senescence	Minamino T	Front Biosci. 2008 Jan 1;13:2971-9.	2008	2007/11/6	17981770
2434	Hematopoietic stem cells and the aging hematopoietic system	Gazit R	Semin Hematol. 2008 Oct;45(4):218-24.	2008	2008/9/24	18809091
2435	The association between physical activity in leisure time and leukocyte telomere length	Cherkas LF	Arch Intern Med. 2008 Jan 28;168(2):154-8.	2008	2008/1/30	18227361
2436	Interview with Elizabeth Blackburn, Ph.D. Interview by Vicki Glaser	Blackburn E	Rejuvenation Res. 2008 Jun;11(3):701-5.	2008	2008/7/3	18593291
2437	Factors impacting human telomere homeostasis and age-related disease	Gilley D	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):27-34.	2008	2007/12/7	18054990
2438	Telomeres and frailty	Woo J	Mech Ageing Dev. 2008 Nov;129(11):642-8.	2008	2008/9/24	18809425
2439	Are cancer and ageing different sides of the same coin? Conference on Cancer and Ageing	Pawelec G	EMBO Rep. 2008 Mar;9(3):234-8.	2008	2008/2/9	18259218
2440	Regulation of reactive oxygen species and genomic stability in hematopoietic stem cells	Naka K	Antioxid Redox Signal. 2008 Nov;10(11):1883-94.	2008	2008/7/17	18627347
2441	Assessing ageing of individual T lymphocytes: mission impossible?	Iancu EM	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):67-78.	2008	2007/12/1	18048082
2442	[Regulation of the life span in unicellular eukaryotes]	Shemarova IV	Tsitologiia. 2008;50(8):647-62.	2008	2008/10/1	18822785
2443	Defining the steps that lead to cancer: replicative telomere erosion, aneuploidy and an epigenetic maturation arrest of tissue stem cells	Stindl R	Med Hypotheses. 2008;71(1):126-40.	2008	2008/2/26	18294777
2444	Crosstalk between chromatin structure, nuclear compartmentalization, and telomere biology	Gonzalez-Suarez I	Cytogenet Genome Res. 2008;122(3-4):202-10.	2008	2009/2/4	19188688

2445	Portugal gets ready to embrace ageing research	Passos JF	Biogerontology. 2008 Jun;9(3):209-211.	2008	2008/2/13	18266070
2446	Increased abdominal obesity, adverse psychosocial factors and shorter telomere length in subjects reporting early ageing; the MONICA Northern Sweden Study	Nordfjäll K	Scand J Public Health. 2008 Sep;36(7):744-52.	2008	2008/7/24	18647789
2447	Association of longer telomeres with better health in centenarians	Terry DF	J Gerontol A Biol Sci Med Sci. 2008 Aug;63(8):809-12.	2008	2008/9/6	18772468
2448	Studying telomeres in a longitudinal population based study	De Meyer T	Front Biosci. 2008 Jan 1;13:2960-70.	2008	2007/11/6	17981769
2449	The early life origins of vascular ageing and cardiovascular risk: the EVA syndrome	Nilsson PM	J Hypertens. 2008 Jun;26(6):1049-57.	2008	2008/5/14	18475139
2450	Somatic cell nuclear transfer: infinite reproduction of a unique diploid genome	Kishigami S	Exp Cell Res. 2008 Jun 10;314(9):1945-50.	2008	2008/3/19	18346729
2451	Potential biomarkers of ageing	Simm A	Biol Chem. 2008 Mar;389(3):257-65.	2008	2008/1/23	18208349
2452	Telomere instability and cancer	Londoño-Vallejo JA	Biochimie. 2008 Jan;90(1):73-82.	2008	2007/8/31	17728038
2453	[Conserved telomeric-end structures among fission yeast and humans]	Miyoshi T	Tanpakushitsu Kakusan Koso. 2008 Nov;53(14):1850-7.	2008	2008/12/3	19044021
2454	Telomere length and mortality: a study of leukocytes in elderly Danish twins	Kimura M	Am J Epidemiol. 2008 Apr 1;167(7):799-806.	2008	2008/2/14	18270372
2455	Skeletal muscle telomere length is not impaired in healthy physically active old women and men	Ponsot E	Muscle Nerve. 2008 Apr;37(4):467-72.	2008	2008/2/1	18236464
2456	Association of increased telomere lengths in limited scleroderma, with a lack of age-related telomere erosion	MacIntyre A	Ann Rheum Dis. 2008 Dec;67(12):1780-2.	2008	2008/7/30	18662931
2457	Telomere length in white blood cells, buccal cells and brain tissue and its variation with ageing and Alzheimer's disease	Thomas P	Mech Ageing Dev. 2008 Apr;129(4):183-90.	2008	2008/2/5	18242664
2458	Angiotensin II-mediated oxidative DNA damage accelerates cellular senescence in cultured human vascular smooth muscle cells via telomere-dependent and independent pathways	Herbert KE	Circ Res. 2008 Feb 1;102(2):201-8.	2008	2007/11/10	17991883
2459	[Cancer as a microevolutionary process affecting telomere structure and dynamics: the contribution of telomeres to cancer]	Londono-Vallejo JA	Ai Zheng. 2008 Jul;27(7):775-83.	2008	2008/7/9	18606076
2460	ssDNA fragments induce cell senescence by telomere uncapping	Tsolou A	Exp Gerontol. 2008 Oct;43(10):892-9.	2008	2008/9/10	18778766

2461	Magnesium deficiency accelerates cellular senescence in cultured human fibroblasts	Killilea DW	Proc Natl Acad Sci U S A. 2008 Apr 15;105(15):5768-73.	2008	2008/4/9	18391207
2462	[Telomere elongation and prolongation of lifespan in rats by unblocking of telomere caps]	Osipov NV	Lik Sprava. 2008 Apr-Jun;(3-4):110-2.	2008	2009/1/17	19145831
2463	Aging and induced senescence as factors in the pathogenesis of lung emphysema	Karrasch S	Respir Med. 2008 Sep;102(9):1215-30.	2008	2008/7/12	18617381
2464	Human embryonic stem cell telomere length impacts directly on clonal progenitor isolation frequency	Forsyth NR	Rejuvenation Res. 2008 Feb;11(1):5-17.	2008	2007/11/6	17979498
2465	Nitric oxide and endothelial cellular senescence	Hayashi T	Pharmacol Ther. 2008 Dec;120(3):333-9.	2008	2008/10/22	18930078
2466	From linkage maps to quantitative trait loci: the history and science of the Utah genetic reference project	Prescott SM	Annu Rev Genomics Hum Genet. 2008;9:347-58.	2008	2008/6/12	18544033
2467	Actions of human telomerase beyond telomeres	Cong Y	Cell Res. 2008 Jul;18(7):725-32.	2008	2008/6/25	18574498
2468	Telomeres and telomerase: from basic research to clinical applications	Ségal-Bendirdjian E	Biochimie. 2008 Jan;90(1):1-4.	2008	2007/11/7	17983604
2469	Low oxygen delays fibroblast senescence despite shorter telomeres	Betts DH	Biogerontology. 2008 Feb;9(1):19-31.	2008	2007/10/24	17952625
2470	Dietary patterns, food groups, and telomere length in the Multi-Ethnic Study of Atherosclerosis (MESA)	Nettleton JA	Am J Clin Nutr. 2008 Nov;88(5):1405-12.	2008	2008/11/11	18996878
2471	An RPE cell line as a useful in vitro model for studying retinoic acid receptor beta: expression and affinity	Pavan B	Biosci Rep. 2008 Dec;28(6):327-34.	2008	2008/8/5	18673301
2472	Dissertations: a survey of selected recent theses relevant to combating aging	de Grey AD	Rejuvenation Res. 2008 Jun;11(3):689-95.	2008	2008/7/3	18593288
2473	Successful ageing of nonagenarians is related to the sensitivity of NK cells to activation	Kaszubowska L	J Physiol Pharmacol. 2008 Dec;59 Suppl 9:187-99.	2008	2009/3/6	19261980
2474	G-quadruplex stabilizer 3,6-bis(1-methyl-4-vinylpyridinium)carbazole diiodide induces accelerated senescence and inhibits tumorigenic properties in cancer cells	Huang FC	Mol Cancer Res. 2008 Jun;6(6):955-64.	2008	2008/6/3	18515756
2475	Proteins induced by telomere dysfunction and DNA damage represent biomarkers of human aging and disease	Jiang H	Proc Natl Acad Sci U S A. 2008 Aug 12;105(32):11299-304.	2008	2008/8/13	18695223
2476	The longest telomeres: a general signature of adult stem cell compartments	Flores I	Genes Dev. 2008 Mar 1;22(5):654-67.	2008	2008/2/20	18283121

2477	Telomeric 3'-overhang length is associated with the size of telomeres	Rahman R	Exp Gerontol. 2008 Apr;43(4):258-65.	2008	2008/2/19	18280685
2478	Telomere dysfunction in human keratinocytes elicits senescence and a novel transcription profile	Minty F	Exp Cell Res. 2008 Aug 1;314(13):2434-47.	2008	2008/7/1	18589416
2479	Aging-from molecules to populations	Sander M	Mech Ageing Dev. 2008 Oct;129(10):614-23.	2008	2008/9/16	18789959
2480	Immune dysregulation and chronic stress among older adults: a review	Gouin JP	Neuroimmunomodulation. 2008;15(4-6):251-9.	2008	2008/12/3	19047802
2481	Human XPF controls TRF2 and telomere length maintenance through distinctive mechanisms	Wu Y	Mech Ageing Dev. 2008 Oct;129(10):602-10.	2008	2008/9/25	18812185
2482	Basal cells have longest telomeres measured by tissue Q-FISH method in lingual epithelium	Aida J	Exp Gerontol. 2008 Sep;43(9):833-9.	2008	2008/7/2	18590810
2483	Telomere shortening and ageing of the immune system	Kaszubowska L	J Physiol Pharmacol. 2008 Dec;59 Suppl 9:169-86.	2008	2009/3/6	19261979
2484	Leukocyte telomeres are longer in African Americans than in whites: the National Heart, Lung, and Blood Institute Family Heart Study and the Bogalusa Heart Study	Hunt SC	Aging Cell. 2008 Aug;7(4):451-8.	2008	2008/5/9	18462274
2485	Id1 delays senescence of primary human melanocytes	Cummings SD	Mol Carcinog. 2008 Sep;47(9):653-9.	2008	2008/2/2	18240291
2486	Age-related markers assayed at different developmental stages of the annual fish Nothobranchius rachovii	Hsu CY	J Gerontol A Biol Sci Med Sci. 2008 Dec;63(12):1267-76.	2008	2009/1/8	19126839
2487	[Molecular mechanisms of aging and anti-aging]	Goto S	Rinsho Ketsueki. 2008 Jun;49(6):367-72.	2008	2008/7/24	18646603
2488	Upregulation of telomerase function during tissue regeneration	Elmore LW	Exp Biol Med (Maywood). 2008 Aug;233(8):958-67.	2008	2008/5/16	18480423
2489	The identification of zebrafish mutants showing alterations in senescence-associated biomarkers	Kishi S	PLoS Genet. 2008 Aug 15;4(8):e1000152.	2008	2008/8/16	18704191
2490	Blood leucocyte telomere DNA content predicts vascular telomere DNA content in humans with and without vascular disease	Wilson WR	Eur Heart J. 2008 Nov;29(21):2689-94.	2008	2008/9/3	18762552
2491	Oncogenic transformation and experimental models of human cancer	Schinzel AC	Front Biosci. 2008 Jan 1;13:71-84.	2008	2007/11/6	17981529
2492	Recovery from stress is a function of age and telomere length	Strub GM	Cell Stress Chaperones. 2008 Dec;13(4):475-82.	2008	2008/5/21	18491040

2493	Homeostasis of the naive CD4+ T cell compartment during aging	Kilpatrick RD	J Immunol. 2008 Feb 1;180(3):1499-507.	2008	2008/1/23	18209045
2494	Replicative stress, stem cells and aging	Ruzankina Y	Mech Ageing Dev. 2008 Jul-Aug;129(7-8):460-6.	2008	2008/5/9	18462780
2495	Defects in telomere maintenance molecules impair osteoblast differentiation and promote osteoporosis	Pignolo RJ	Aging Cell. 2008 Jan;7(1):23-31.	2008	2007/11/22	18028256
2496	Telomere stability and telomerase in mesenchymal stem cells	Serakinci N	Biochimie. 2008 Jan;90(1):33-40.	2008	2007/11/22	18029083
2497	Delayed kinetics of DNA double-strand break processing in normal and pathological aging	Sedelnikova OA	Aging Cell. 2008 Jan;7(1):89-100.	2008	2007/11/17	18005250
2498	Markers of cellular senescence in zero hour biopsies predict outcome in renal transplantation	Koppelstaetter C	Aging Cell. 2008 Aug;7(4):491-7.	2008	2008/5/9	18462273
2499	Regulation of telomerase and telomeres: human tumor viruses take control	Bellon M	J Natl Cancer Inst. 2008 Jan 16;100(2):98-108.	2008	2008/1/10	18182620
2500	Distinct tumor suppressor mechanisms evolve in rodent species that differ in size and lifespan	Seluanov A	Aging Cell. 2008 Dec;7(6):813-23.	2008	2008/9/10	18778411
2501	Activation of cardiac progenitor cells reverses the failing heart senescent phenotype and prolongs lifespan	Gonzalez A	Circ Res. 2008 Mar 14;102(5):597-606.	2008	2008/1/19	18202313
2502	Roles of the Werner syndrome RecQ helicase in DNA replication	Sidorova JM	DNA Repair (Amst). 2008 Nov 1;7(11):1776-86.	2008	2008/8/30	18722555
2503	Effects of physical exercise on myocardial telomere-regulating proteins, survival pathways, and apoptosis	Werner C	J Am Coll Cardiol. 2008 Aug 5;52(6):470-82.	2008	2008/8/2	18672169
2504	Granulocyte colony-stimulating factor mobilized CFU-F can be found in the peripheral blood but have limited expansion potential	Lund TC	Haematologica. 2008 Jun;93(6):908-12.	2008	2008/4/12	18403392
2505	Defective proliferative capacity and accelerated telomeric loss of hematopoietic progenitor cells in rheumatoid arthritis	Colmegna I	Arthritis Rheum. 2008 Apr;58(4):990-1000.	2008	2008/4/3	18383391
2506	Progressive apoptosis resistance prior to senescence and control by the anti-apoptotic protein BCL-xL	Rochette PJ	Mech Ageing Dev. 2008 Apr;129(4):207-14.	2008	2008/2/12	18262222
2507	Telomere dysfunction and cell survival: roles for distinct TIN2-containing complexes	Kim SH	J Cell Biol. 2008 May 5;181(3):447-60.	2008	2008/4/30	18443218
2508	Ulcerative colitis is a disease of accelerated colon aging: evidence from telomere attrition and DNA damage	Risques RA	Gastroenterology. 2008 Aug;135(2):410-8.	2008	2008/6/4	18519043

2509	Reduced telomere length variation in healthy oldest old	Halaschek-Wiener J	Mech Ageing Dev. 2008 Nov;129(11):638-41.	2008	2008/9/4	18765247
2510	Telomere attrition is associated with inflammation, low fetuin-A levels and high mortality in prevalent haemodialysis patients	Carrero JJ	J Intern Med. 2008 Mar;263(3):302-12.	2008	2007/12/12	18070000
2511	Suppression of hPOT1 in diploid human cells results in an hTERT-dependent alteration of telomere length dynamics	Possemato R	Mol Cancer Res. 2008 Oct;6(10):1582-93.	2008	2008/10/17	18922974
2512	The nuclear lamina promotes telomere aggregation and centromere peripheral localization during senescence of human mesenchymal stem cells	Raz V	J Cell Sci. 2008 Dec 15;121(Pt 24):4018-28.	2008	2008/12/6	19056671
2513	Fibroblast dysfunction is a key factor in the non-healing of chronic venous leg ulcers	Wall IB	J Invest Dermatol. 2008 Oct;128(10):2526-40.	2008	2008/5/2	18449211
2514	Cellular senescence, telomere recombination and maintenance	Yang Q	Cytogenet Genome Res. 2008;122(3-4):211-8.	2008	2009/2/4	19188689
2515	When blue turns to grey: do stress and depression accelerate cell aging?	Wolkowitz OM	World J Biol Psychiatry. 2008;9(1):2-5.	2008	2008/2/15	18273736
2516	Analysis of telomeres and telomerase	Fajkus J	Methods Mol Biol. 2008;463:267-96.	2008	2008/10/28	18951173
2517	Association between oxidative DNA damage and telomere shortening in circulating endothelial progenitor cells obtained from metabolic syndrome patients with coronary artery disease	Satoh M	Atherosclerosis. 2008 Jun;198(2):347-53.	2008	2007/11/7	17983621
2518	The biological sciences section program at the 60th Annual Meeting of the Gerontological Society of America	Effros RB	J Gerontol A Biol Sci Med Sci. 2008 Apr;63(4):331-7.	2008	2008/4/23	18426956
2519	Dietary restraint and telomere length in pre- and postmenopausal women	Kiefer A	Psychosom Med. 2008 Oct;70(8):845-9.	2008	2008/10/17	18923062
2520	Comparison of the effects of 40% oxygen and two atmospheric absolute air pressure conditions on stress-induced premature senescence of normal human diploid fibroblasts	Oh S	Cell Stress Chaperones. 2008 Dec;13(4):447-58.	2008	2008/5/10	18465208
2521	Estrogen deficiency leads to telomerase inhibition, telomere shortening and reduced cell proliferation in the adrenal gland of mice	Bayne S	Cell Res. 2008 Nov;18(11):1141-50.	2008	2008/10/22	18936784
2522	Determining the influence of telomere dysfunction and DNA damage on stem and progenitor cell aging: what markers can we use?	Nalapareddy K	Exp Gerontol. 2008 Nov;43(11):998-1004.	2008	2008/9/27	18817864
2523	Stress-induced senescence predominates in endothelial cells isolated from atherosclerotic chronic smokers	Farhat N	Can J Physiol Pharmacol. 2008 Nov;86(11):761-9.	2008	2008/11/18	19011671
2524	WRN controls formation of extrachromosomal telomeric circles and is required for TRF2DeltaB-mediated telomere shortening	Li B	Mol Cell Biol. 2008 Mar;28(6):1892-904.	2008	2008/1/24	18212065

2525	Telomere dysfunction and tumour suppression: the senescence connection	Deng Y	Nat Rev Cancer. 2008 Jun;8(6):450-8.	2008	2008/5/27	18500246
2526	Vascular aging: insights from studies on cellular senescence, stem cell aging, and progeroid syndromes	Minamino T	Nat Clin Pract Cardiovasc Med. 2008 Oct;5(10):637-48.	2008	2008/9/3	18762784
2527	Maternal protein restriction leads to early life alterations in the expression of key molecules involved in the aging process in rat offspring	Martin-Gronert MS	Am J Physiol Regul Integr Comp Physiol. 2008 Feb;294(2):R494-500.	2008	2007/12/21	18094069
2528	Telomere dysfunction and stem cell ageing	Ju Z	Biochimie. 2008 Jan;90(1):24-32.	2008	2007/11/22	18029082
2529	Telomeres, senescence, and hematopoietic stem cells	Zimmermann S	Cell Tissue Res. 2008 Jan;331(1):79-90.	2008	2007/10/26	17960423
2530	Accelerated telomere shortening and replicative senescence in human fibroblasts overexpressing mutant and wild-type lamin A	Huang S	Exp Cell Res. 2008 Jan 1;314(1):82-91.	2008	2007/9/18	17870066
2531	Telomere dysfunction is related to the intrinsic radio-resistance of human oral cancer cells	McCaul JA	Oral Oncol. 2008 Mar;44(3):261-9.	2008	2007/5/4	17475542
2532	Increased telomerase activity and comprehensive lifestyle changes: a pilot study	Ornish D	Lancet Oncol. 2008 Nov;9(11):1048-57.	2008	2008/9/19	18799354
2533	Non-regulatory CD8+CD45RO+CD25+ T-lymphocytes may compensate for the loss of antigen-inexperienced CD8+CD45RA+ T-cells in old age	Herndler-Brandstetter D	Biol Chem. 2008 May;389(5):561-8.	2008	2008/10/28	18953723
2534	Telomere maintenance in laser capture microdissection-purified Barrett's adenocarcinoma cells and effect of telomerase inhibition in vivo	Shammas MA	Clin Cancer Res. 2008 Aug 1;14(15):4971-80.	2008	2008/8/5	18676772
2535	Telomeres: the silence is broken	Azzalin CM	Cell Cycle. 2008 May 1;7(9):1161-5.	2008	2008/4/18	18418035
2536	No SIRT6	Lall S	Nat Struct Mol Biol. 2008 Apr;15(4):336.	2008	2008/4/5	18388907
2537	Telomere and adaptive immunity	Weng NP	Mech Ageing Dev. 2008 Jan-Feb;129(1-2):60-6.	2008	2008/1/18	18199471
2538	Engineered telomere degradation models dyskeratosis congenita	Hockemeyer D	Genes Dev. 2008 Jul 1;22(13):1773-85.	2008	2008/6/14	18550783
2539	Transformation of human mesenchymal stem cells in radiation carcinogenesis: long-term effect of ionizing radiation	Christensen R	Regen Med. 2008 Nov;3(6):849-61.	2008	2008/10/25	18947308
2540	Cigarette smoke triggers code red: p21CIP1/WAF1/SDI1 switches on danger responses in the lung	Tuder RM	Am J Respir Cell Mol Biol. 2008 Jul;39(1):1-6.	2008	2008/4/29	18441278

2541	Autoimmune glomerulonephritis induced in congenic mouse strain carrying telomeric region of chromosome 1 derived from MRL/MpJ	Ichii O	Histol Histopathol. 2008 Apr;23(4):411-22.	2008	2008/1/30	18228198
2542	Sgs1 RecQ helicase inhibits survival of Saccharomyces cerevisiae cells lacking telomerase and homologous recombination	Lee JY	J Biol Chem. 2008 Oct 31;283(44):29847-58.	2008	2008/9/2	18757364
2543	Telomere attrition induces a DNA double-strand break damage signal that reactivates p53 transcription in HTLV-I leukemic cells	Datta A	Oncogene. 2008 Feb 14;27(8):1135-41.	2008	2007/8/21	17704807
2544	SIRT6 is a histone H3 lysine 9 deacetylase that modulates telomeric chromatin	Michishita E	Nature. 2008 Mar 27;452(7186):492-6.	2008	2008/3/14	18337721
2545	Telomere shortening in the damaged small bile ducts in primary biliary cirrhosis reflects ongoing cellular senescence	Sasaki M	Hepatology. 2008 Jul;48(1):186-95.	2008	2008/6/7	18536059
2546	Characteristics of age-related changes in cultured human vocal fold fibroblasts	Chen X	Laryngoscope. 2008 Sep;118(9):1700-4.	2008	2008/8/5	18677285
2547	Melanomagenesis: overcoming the barrier of melanocyte senescence	Ha L	Cell Cycle. 2008 Jul 1;7(13):1944-8.	2008	2008/7/8	18604170
2548	Telomerase inhibition in a mouse cell line with long telomeres leads to rapid telomerase reactivation	Marie-Egyptienne DT	Exp Cell Res. 2008 Feb 1;314(3):668-75.	2008	2007/12/11	18067891
2549	Accelerated senescence in the kidneys of patients with type 2 diabetic nephropathy	Verzola D	Am J Physiol Renal Physiol. 2008 Nov;295(5):F1563-73.	2008	2008/9/5	18768588
2550	The Rb/E2F pathway and Ras activation regulate RecQ helicase gene expression	Liu Y	Biochem J. 2008 Jun 1;412(2):299-306.	2008	2008/1/25	18215118
2551	Sustained telomere erosion due to increased stem cell turnover during triple autologous hematopoietic stem cell transplantation	Widmann T	Exp Hematol. 2008 Jan;36(1):104-10.	2008	2007/10/24	17949890
2552	Telomere shortening and ageing	Jiang H	Z Gerontol Geriatr. 2007 Oct;40(5):314-24.	2007	2007/10/19	17943234
2553	Cellular senescence in cancer and aging	Collado M	Cell. 2007 Jul 27;130(2):223-33.	2007	2007/7/31	17662938
2554	Telomere length analysis	Canela A	Methods Mol Biol. 2007;371:45-72.	2007	2007/7/20	17634573
2555	Telomere length, stem cells and aging	Blasco MA	Nat Chem Biol. 2007 Oct;3(10):640-9.	2007	2007/9/19	17876321
2556	Trends in oxidative aging theories	Muller FL	Free Radic Biol Med. 2007 Aug 15;43(4):477-503.	2007	2007/7/21	17640558

2557	Leukocytes of exceptionally old persons display ultra-short telomeres	Kimura M	Am J Physiol Regul Integr Comp Physiol. 2007 Dec;293(6):R2210-7.	2007	2007/9/28	17898116
2558	Change in the telomere length distribution with age in the Japanese population	Guan JZ	Mol Cell Biochem. 2007 Oct;304(1-2):353-60.	2007	2007/6/28	17594061
2559	Association between telomere length and heart disease in a narrow age cohort of older people	Starr JM	Exp Gerontol. 2007 Jun;42(6):571-3.	2007	2007/2/3	17267157
2560	[Short telomere length a marker of premature vascular aging]	Nilsson PM	Lakartidningen. 2007 Sep 26-Oct 2;104(39):2801-5.	2007	2007/10/26	17958006
2561	Telomeres, p21 and the cancer-aging hypothesis	Bell JF	Nat Genet. 2007 Jan;39(1):11-2.	2007	2006/12/29	17192782
2562	Minimum telomere length defined for healthy cells	Ledford H	Nature. 2007 Oct 4;449(7162):515.	2007	2007/11/1	17972362
2563	Short telomeres in short-lived males: what are the molecular and evolutionary causes?	Jemielity S	Aging Cell. 2007 Apr;6(2):225-33.	2007	2007/3/10	17346255
2564	Molecular mechanisms of cellular senescence and immortalization of human cells	Kiyono T	Expert Opin Ther Targets. 2007 Dec;11(12):1623-37.	2007	2007/11/21	18020982
2565	Dissertations: a survey of selected recent theses relevant to combating aging	de Grey AD	Rejuvenation Res. 2007 Sep;10(3):339-43.	2007	2007/9/8	17822353
2566	[Molecular mechanisms of atherogenesis associated with aging]	Komuro I	Nihon Ronen Igakkai Zasshi. 2007 Jan;44(1):23-6.	2007	2007/3/6	17337842
2567	Replication and protection of telomeres	Verdun RE	Nature. 2007 Jun 21;447(7147):924-31.	2007	2007/6/22	17581575
2568	The common biology of cancer and ageing	Finkel T	Nature. 2007 Aug 16;448(7155):767-74.	2007	2007/8/19	17700693
2569	Telomere length, risk of coronary heart disease, and statin treatment in the West of Scotland Primary Prevention Study: a nested case-control study	Brouilette SW	Lancet. 2007 Jan 13;369(9556):107-14.	2007	2007/1/16	17223473
2570	Functional diversity of human protection of telomeres 1 isoforms in telomere protection and cellular senescence	Yang Q	Cancer Res. 2007 Dec 15;67(24):11677-86.	2007	2007/12/20	18089797
2571	Paternal age at birth is an important determinant of offspring telomere length	De Meyer T	Hum Mol Genet. 2007 Dec 15;16(24):3097-102.	2007	2007/9/21	17881651
2572	The cancer-aging interface and the significance of telomere dynamics in cancer therapy	Tallen G	Rejuvenation Res. 2007 Sep;10(3):387-95.	2007	2007/8/22	17708685

2573	Telomeres and aging-related meiotic dysfunction in women	Keefe DL	Cell Mol Life Sci. 2007 Jan;64(2):139-43.	2007	2007/1/16	17219022
2574	A dual role of p21 in stem cell aging	Ju Z	Ann N Y Acad Sci. 2007 Apr;1100:333-44.	2007	2007/4/27	17460196
2575	The human telomere and its relationship to human disease, therapy, and tissue engineering	Moon IK	Front Biosci. 2007 May 1;12:4595-620.	2007	2007/5/9	17485399
2576	No association between socio-economic status and white blood cell telomere length	Adams J	Aging Cell. 2007 Feb;6(1):125-8.	2007	2006/12/13	17156082
2577	Longitudinal data on telomere length in leukocytes from newborn baboons support a marked drop in stem cell turnover around 1 year of age	Baerlocher GM	Aging Cell. 2007 Feb;6(1):121-3.	2007	2006/12/13	17156085
2578	Acquisition of oxidative DNA damage during senescence: the first step toward carcinogenesis?	Martien S	Ann N Y Acad Sci. 2007 Nov;1119:51-63.	2007	2007/12/7	18056954
2579	Telomerase as a clinical target: current strategies and potential applications	Fleisig HB	Exp Gerontol. 2007 Jan-Feb;42(1-2):102-12.	2007	2006/7/4	16814507
2580	WRN at telomeres: implications for aging and cancer	Multani AS	J Cell Sci. 2007 Mar 1;120(Pt 5):713-21.	2007	2007/2/23	17314245
2581	Telomere length is paternally inherited and is associated with parental lifespan	Njajou OT	Proc Natl Acad Sci U S A. 2007 Jul 17;104(29):12135-9.	2007	2007/7/12	17623782
2582	Telomeric DNA induces apoptosis and senescence of human breast carcinoma cells	Yaar M	Breast Cancer Res. 2007;9(1):R13.	2007	2007/1/30	17257427
2583	Asymptotic behaviour of solutions to abstract logistic equations	Dyson J	Math Biosci. 2007 Apr;206(2):216-32.	2007	2005/10/12	16216287
2584	Senescence as an anticancer mechanism	Hornsby PJ	J Clin Oncol. 2007 May 10;25(14):1852-7.	2007	2007/5/10	17488983
2585	Telomere length and cardiovascular risk factors in a middle-aged population free of overt cardiovascular disease	Bekaert S	Aging Cell. 2007 Oct;6(5):639-47.	2007	2007/9/19	17874998
2586	Nevus size and number are associated with telomere length and represent potential markers of a decreased senescence in vivo	Bataille V	Cancer Epidemiol Biomarkers Prev. 2007 Jul;16(7):1499-502.	2007	2007/7/14	17627017
2587	Replicative senescence, telomere shortening and cell proliferation rate in Gaddi goat's skin fibroblast cell line	Gupta N	Cell Biol Int. 2007 Oct;31(10):1257-64.	2007	2007/6/26	17587609
2588	Yeast mother cell-specific ageing, genetic (in)stability, and the somatic mutation theory of ageing	Laun P	Nucleic Acids Res. 2007;35(22):7514-26.	2007	2007/11/8	17986449

2589	Telomeric DNA length in cerebral gray and white matter is associated with longevity in individuals aged 70 years or older	Nakamura K	Exp Gerontol. 2007 Oct;42(10):944-50.	2007	2007/7/4	17606349
2590	The role of intracellular peroxide levels on the development and maintenance of telomere-dependent senescence	Richter T	Exp Gerontol. 2007 Nov;42(11):1043-52.	2007	2007/9/25	17888604
2591	Shared environmental factors associated with telomere length maintenance in elderly male twins	Huda N	Aging Cell. 2007 Oct;6(5):709-13.	2007	2007/8/30	17725691
2592	The biology of aging	Cummings SR	J Musculoskelet Neuronal Interact. 2007 Oct-Dec;7(4):340-1.	2007	2007/12/21	18094503
2593	[Development of Sir2 gene and telomeric silencing]	Guo HX	Sheng Li Ke Xue Jin Zhan. 2007 Apr;38(2):184-6.	2007	2007/7/18	17633243
2594	The epigenetic regulation of mammalian telomeres	Blasco MA	Nat Rev Genet. 2007 Apr;8(4):299-309.	2007	2007/3/17	17363977
2595	The aging process and potential interventions to extend life expectancy	Tosato M	Clin Interv Aging. 2007;2(3):401-12.	2007	2007/11/30	18044191
2596	Epigenetic and mitochondrial mechanisms in aging and longevity: a report of a meeting of the Longevity Consortium, Napa, California, October 25-27, 2006	Kahn AJ	J Gerontol A Biol Sci Med Sci. 2007 Jun;62(6):577-82.	2007	2007/6/28	17595412
2597	Telomeres limit cancer growth by inducing senescence: long-sought in vivo evidence obtained	Sedivy JM	Cancer Cell. 2007 May;11(5):389-91.	2007	2007/5/8	17482128
2598	Lack of association between leukocyte telomere length and genetic variants in two ageing-related candidate genes	Zhang F	Mech Ageing Dev. 2007 Jul-Aug;128(7-8):415-22.	2007	2007/7/13	17624411
2599	Vascular cell senescence: contribution to atherosclerosis	Minamino T	Circ Res. 2007 Jan 5;100(1):15-26.	2007	2007/1/6	17204661
2600	Evidence that a RecQ helicase slows senescence by resolving recombining telomeres	Lee JY	PLoS Biol. 2007 Jun;5(6):e160.	2007	2007/6/7	17550308
2601	Of wombats and whales: telomere tales in Madrid. Conference on telomeres and telomerase	Karlseder J	EMBO Rep. 2007 Jun;8(6):542-6.	2007	2007/5/19	17510654
2602	Higher serum vitamin D concentrations are associated with longer leukocyte telomere length in women	Richards JB	Am J Clin Nutr. 2007 Nov;86(5):1420-5.	2007	2007/11/10	17991655
2603	Telomerase and telomere dynamics in ageing and cancer: current status and future directions	Sampedro Camarena F	Clin Transl Oncol. 2007 Mar;9(3):145-54.	2007	2007/4/4	17403625
2604	Robertsonian translocation as a result of telomere shortening during replicative senescence and immortalization of bovine oviduct epithelial cells	Murata K	In Vitro Cell Dev Biol Anim. 2007 Jul-Aug;43(7):235-44.	2007	2007/9/11	17828613

2605	Telomere dysfunction suppresses spontaneous tumorigenesis in vivo by initiating p53-dependent cellular senescence	Cosme-Blanco W	EMBO Rep. 2007 May;8(5):497-503.	2007	2007/3/31	17396137
2606	Role of telomeres and telomerase in genomic instability, senescence and cancer	Deng Y	Lab Invest. 2007 Nov;87(11):1071-6.	2007	2007/9/4	17767195
2607	Activation of pericentromeric and telomeric heterochromatin in cultured lymphocytes from old individuals	Lezhava T	Ann N Y Acad Sci. 2007 Apr;1100:387-99.	2007	2007/4/27	17460203
2608	Telomere shortening in diaphragm and tibialis anterior muscles of aged mdx mice	Lund TC	Muscle Nerve. 2007 Sep;36(3):387-90.	2007	2007/7/10	17617801
2609	Science of cancer and aging	Irminger-Finger I	J Clin Oncol. 2007 May 10;25(14):1844-51.	2007	2007/5/10	17488982
2610	Telomerase activity coevolves with body mass not lifespan	Seluanov A	Aging Cell. 2007 Feb;6(1):45-52.	2007	2006/12/19	17173545
2611	Age-dependent telomere-shortening is repressed by phosphorylated alpha-tocopherol together with cellular longevity and intracellular oxidative-stress reduction in human brain microvascular endotheliocytes	Tanaka Y	J Cell Biochem. 2007 Oct 15;102(3):689-703.	2007	2007/4/5	17407150
2612	Pathogenetic loop between diabetes and cell senescence	Testa R	Diabetes Care. 2007 Nov;30(11):2974-5.	2007	2007/10/30	17965314
2613	Telomere length predicts survival independent of genetic influences	Bakaysa SL	Aging Cell. 2007 Dec;6(6):769-74.	2007	2007/10/11	17925004
2614	[The nucleolus as a regulator of cellular senescence]	Rosete M	Medicina (B Aires). 2007;67(2):183-94.	2007	2007/6/28	17593607
2615	Tel1p preferentially associates with short telomeres to stimulate their elongation	Hector RE	Mol Cell. 2007 Sep 7;27(5):851-8.	2007	2007/9/7	17803948
2616	Telomere length in leukocytes correlates with bone mineral density and is shorter in women with osteoporosis	Valdes AM	Osteoporos Int. 2007 Sep;18(9):1203-10.	2007	2007/3/10	17347788
2617	The nature of telomere fusion and a definition of the critical telomere length in human cells	Capper R	Genes Dev. 2007 Oct 1;21(19):2495-508.	2007	2007/10/3	17908935
2618	Telomere restoration and extension of proliferative lifespan in dyskeratosis congenita fibroblasts	Westin ER	Aging Cell. 2007 Jun;6(3):383-94.	2007	2007/3/27	17381549
2619	Telomere dynamics in macaques and humans	Gardner JP	J Gerontol A Biol Sci Med Sci. 2007 Apr;62(4):367-74.	2007	2007/4/25	17452729
2620	Age and topographical comparison of telomere lengths in human corneal endothelial cells	Konomi K	Mol Vis. 2007 Jul 23;13:1251-8.	2007	2007/8/8	17679950

2621	Senescent phenotypes of skin fibroblasts from patients with Tangier disease	Matsuura F	Biochem Biophys Res Commun. 2007 Jun 1;357(2):493-8.	2007	2007/4/17	17434146
2622	Premature senescence of mesothelial cells is associated with non-telomeric DNA damage	Ksiazek K	Biochem Biophys Res Commun. 2007 Oct 26;362(3):707-11.	2007	2007/8/28	17720141
2623	Extension of cell life span using exogenous telomerase	Kang MK	Methods Mol Biol. 2007;371:151-65.	2007	2007/7/20	17634580
2624	Myelodysplastic syndromes, aging, and age: correlations, common mechanisms, and clinical implications	Pfeilstöcker M	Leuk Lymphoma. 2007 Oct;48(10):1900-9.	2007	2007/10/6	17917959
2625	Life and death in hematopoietic stem cells	Oguro H	Curr Opin Immunol. 2007 Oct;19(5):503-9.	2007	2007/7/10	17618101
2626	Evidence that aging and amyloid promote microglial cell senescence	Flanary BE	Rejuvenation Res. 2007 Mar;10(1):61-74.	2007	2007/3/24	17378753
2627	hTERT (-1327)T/C polymorphism is not associated with age-related telomere attrition in peripheral blood	Nordfjäll K	Biochem Biophys Res Commun. 2007 Jun 22;358(1):215-8.	2007	2007/5/8	17481586
2628	Telomeric transgenes are silenced in adult mouse tissues and embryo fibroblasts but are expressed in embryonic stem cells	Gao Q	Stem Cells. 2007 Dec;25(12):3085-92.	2007	2007/9/8	17823235
2629	Can critically short telomeres cause functional exhaustion of progenitor cells in postinfarction heart failure?	Oeseburg H	J Am Coll Cardiol. 2007 Nov 6;50(19):1911-2; author reply 1912-3.	2007	2007/11/6	17980263
2630	The young mouse heart is composed of myocytes heterogeneous in age and function	Rota M	Circ Res. 2007 Aug 17;101(4):387-99.	2007	2007/7/3	17601802
2631	Spreading of mammalian DNA-damage response factors studied by ChIP-chip at damaged telomeres	Meier A	EMBO J. 2007 Jun 6;26(11):2707-18.	2007	2007/5/12	17491589
2632	Human embryonic stem cells: mechanisms to escape replicative senescence?	Zeng X	Stem Cell Rev. 2007 Dec;3(4):270-9.	2007	2007/11/21	18026912
2633	A continuous correlation between oxidative stress and telomere shortening in fibroblasts	Richter T	Exp Gerontol. 2007 Nov;42(11):1039-42.	2007	2007/9/18	17869047
2634	Aging and immortality in a cell proliferation model	Antal T	J Theor Biol. 2007 Oct 7;248(3):411-7.	2007	2007/7/17	17631317
2635	DNA damage in telomeres and mitochondria during cellular senescence: is there a connection?	Passos JF	Nucleic Acids Res. 2007;35(22):7505-13.	2007	2007/11/8	17986462
2636	Alterations to nuclear architecture and genome behavior in senescent cells	Mehta IS	Ann N Y Acad Sci. 2007 Apr;1100:250-63.	2007	2007/4/27	17460187

2637	Telomere dysfunction in hypertension	Fuster JJ	J Hypertens. 2007 Nov;25(11):2185-92.	2007	2007/10/9	17921808
2638	Hallmarks of telomeres in ageing research	Shay JW	J Pathol. 2007 Jan;211(2):114-23.	2007	2007/1/4	17200948
2639	Hypothesis: lifespan is regulated by chronomere DNA of the hypothalamus	Olovnikov AM	J Alzheimers Dis. 2007 May;11(2):241-52.	2007	2007/5/25	17522448
2640	Epidermal stem cells are resistant to cellular aging	Stern MM	Aging Cell. 2007 Aug;6(4):439-52.	2007	2007/7/20	17635170
2641	Rat homolog of PinX1 is a nucleolar protein involved in the regulation of telomere length	Oh BK	Gene. 2007 Oct 1;400(1-2):35-43.	2007	2007/7/13	17624691
2642	Inactivation of p53 function in cultured human mammary epithelial cells turns the telomere-length dependent senescence barrier from agonescence into crisis	Garbe JC	Cell Cycle. 2007 Aug 1;6(15):1927-36.	2007	2007/8/3	17671422
2643	Role of cell-cycle turnover and oxidative stress in telomere shortening and cellular senescence in patients with chronic hepatitis C	Sekoguchi S	J Gastroenterol Hepatol. 2007 Feb;22(2):182-90.	2007	2007/2/14	17295869
2644	Features that determine telomere homolog oligonucleotide-induced therapeutic DNA damage-like responses in cancer cells	Ohashi N	J Cell Physiol. 2007 Mar;210(3):582-95.	2007	2006/11/30	17133364
2645	Absence of oncogenic transformation despite acquisition of cytogenetic aberrations in long-term cultured telomerase-immortalized human fetal hepatocytes	Haker B	Cancer Lett. 2007 Oct 18;256(1):120-7.	2007	2007/7/17	17630152
2646	Telomere dysfunction induces environmental alterations limiting hematopoietic stem cell function and engraftment	Ju Z	Nat Med. 2007 Jun;13(6):742-7.	2007	2007/5/9	17486088
2647	Endothelial senescence after high-cholesterol, high-fat diet challenge in baboons	Shi Q	Am J Physiol Heart Circ Physiol. 2007 Jun;292(6):H2913-20.	2007	2007/2/6	17277030
2648	Mitochondrial dysfunction accounts for the stochastic heterogeneity in telomere-dependent senescence	Passos JF	PLoS Biol. 2007 May;5(5):e110.	2007	2007/5/3	17472436
2649	Cdkn1a deletion improves stem cell function and lifespan of mice with dysfunctional telomeres without accelerating cancer formation	Choudhury AR	Nat Genet. 2007 Jan;39(1):99-105.	2007	2006/12/5	17143283
2650	Aminoguanidine delays the replicative senescence of human diploid fibroblasts	Wang PC	Chin Med J (Engl). 2007 Nov 20;120(22):2028-35.	2007	2007/12/11	18067791
2651	Senescence in cultured trabecular meshwork cells	Yamazaki Y	Br J Ophthalmol. 2007 Jun;91(6):808-11.	2007	2007/1/12	17215270
2652	Bone marrow-derived cells: the influence of aging and cellular senescence	Beauséjour C	Handb Exp Pharmacol. 2007;(180):67-88.	2007	2007/6/8	17554505

2653	Ectopically hTERT expressing adult human mesenchymal stem cells are less radiosensitive than their telomerase negative counterpart	Serakinci N	Exp Cell Res. 2007 Mar 10;313(5):1056-67.	2007	2007/2/6	17274981
2654	DNA damage responses in neural cells: Focus on the telomere	Zhang P	Neuroscience. 2007 Apr 14;145(4):1439-48.	2007	2007/1/9	17207936
2655	Werner syndrome protein: functions in the response to DNA damage and replication stress in S-phase	Cheng WH	Exp Gerontol. 2007 Sep;42(9):871-8.	2007	2007/6/26	17587522
2656	Inducing cellular senescence using defined genetic elements	Nakagawa H	Methods Mol Biol. 2007;371:167-78.	2007	2007/7/20	17634581
2657	Effects of telomere length in Drosophila melanogaster on life span, fecundity, and fertility	Walter MF	Chromosoma. 2007 Feb;116(1):41-51.	2007	2006/11/8	17089138
2658	p53-dependent integration of telomere and growth factor deprivation signals	Beliveau A	Proc Natl Acad Sci U S A. 2007 Mar 13;104(11):4431-6.	2007	2007/3/16	17360541
2659	Lack of TRF2 in ALT cells causes PML-dependent p53 activation and loss of telomeric DNA	Stagno D'Alcontres M	J Cell Biol. 2007 Dec 3;179(5):855-67.	2007	2007/12/7	18056407
2660	Cellular senescence in human myoblasts is overcome by human telomerase reverse transcriptase and cyclin-dependent kinase 4: consequences in aging muscle and therapeutic strategies for muscular dystrophies	Zhu CH	Aging Cell. 2007 Aug;6(4):515-23.	2007	2007/6/15	17559502
2661	The role of cellular senescence in Werner syndrome: toward therapeutic intervention in human premature aging	Davis T	Ann N Y Acad Sci. 2007 Apr;1100:455-69.	2007	2007/4/27	17460211
2662	Human bone marrow derived mesenchymal stem cells do not undergo transformation after long-term in vitro culture and do not exhibit telomere maintenance mechanisms	Bernardo ME	Cancer Res. 2007 Oct 1;67(19):9142-9.	2007	2007/10/3	17909019
2663	Soothing the watchman: telomerase reduces the p53-dependent cellular stress response	Beliveau A	Cell Cycle. 2007 Jun 1;6(11):1284-7.	2007	2007/5/31	17534147
2664	Accelerated cellular senescence in degenerate intervertebral discs: a possible role in the pathogenesis of intervertebral disc degeneration	Le Maitre CL	Arthritis Res Ther. 2007;9(3):R45.	2007	2007/5/15	17498290
2665	Molecular signaling and genetic pathways of senescence: Its role in tumorigenesis and aging	Zhang H	J Cell Physiol. 2007 Mar;210(3):567-74.	2007	2006/11/30	17133363
2666	Diminished lifespan and acute stress-induced death in DNA-PKcs-deficient mice with limiting telomeres	Wong KK	Oncogene. 2007 May 3;26(20):2815-21.	2007	2006/10/31	17072335
2667	Short telomeres limit tumor progression in vivo by inducing senescence	Feldser DM	Cancer Cell. 2007 May;11(5):461-9.	2007	2007/4/17	17433785
2668	Telomere dynamics in arteries and mononuclear cells of diabetic patients: effect of diabetes and of glycemic control	Uziel O	Exp Gerontol. 2007 Oct;42(10):971-8.	2007	2007/8/22	17709220

2669	Rapid neonatal weight gain in rats results in a renal ubiquinone (CoQ) deficiency associated with premature death	Shelley P	Mech Ageing Dev. 2007 Nov-Dec;128(11-12):681-7.	2007	2007/11/24	18035399
2670	Origin of diplochromosomal polyploidy in near-senescent fibroblast cultures: heterochromatin, telomeres and chromosomal instability (CIN)	Walen KH	Cell Biol Int. 2007 Dec;31(12):1447-55.	2007	2007/8/24	17714958
2671	Telomerase activation induces elongation of the telomeric single-stranded overhang, but does not prevent chromosome aberrations in human vascular endothelial cells	Anno K	Biochem Biophys Res Commun. 2007 Feb 23;353(4):926-32.	2007	2007/1/9	17207773
2672	Localization of telomeres and telomere-associated proteins in telomerase-negative Saccharomyces cerevisiae	Straatman KR	Chromosome Res. 2007;15(8):1033-50.	2007	2007/12/14	18075778
2673	Correlation between recent thymic emigrants and CD31+ (PECAM-1) CD4+ T cells in normal individuals during aging and in lymphopenic children	Junge S	Eur J Immunol. 2007 Nov;37(11):3270-80.	2007	2007/10/16	17935071
2674	White blood cells telomere length is shorter in males with type 2 diabetes and microalbuminuria	Tentolouris N	Diabetes Care. 2007 Nov;30(11):2909-15.	2007	2007/8/2	17666463
2675	[Effect of tankyrase antisense oligonucleotide combined human telomerase reverse transcriptase antisense oligonucleotide on telomere dynamics in human lung adenocarcinoma A549 cells]	Lu HD	Ai Zheng. 2007 Nov;26(11):1164-9.	2007	2007/11/10	17991312
2676	[Enhanced control of proliferation in telomerized cells]	Egorov EE	Ontogenez. 2007 Mar-Apr;38(2):105-19.	2007	2007/5/8	17479533
2677	High telomerase activity in neutrophils from unstable coronary plaques	Narducci ML	J Am Coll Cardiol. 2007 Dec 18;50(25):2369-74.	2007	2007/12/25	18154960
2678	Senescence mediates pituitary hypoplasia and restrains pituitary tumor growth	Chesnokova V	Cancer Res. 2007 Nov 1;67(21):10564-72.	2007	2007/11/3	17975001
2679	Cellular senescence in endothelial cells from atherosclerotic patients is accelerated by oxidative stress associated with cardiovascular risk factors	Voghel G	Mech Ageing Dev. 2007 Nov-Dec;128(11-12):662-71.	2007	2007/11/21	18022214
2680	Telomerase reverses epidermal hair follicle stem cell defects and loss of long-term survival associated with critically short telomeres	Siegl-Cachedenier I	J Cell Biol. 2007 Oct 22;179(2):277-90.	2007	2007/10/24	17954610
2681	Knockdown of p53 combined with expression of the catalytic subunit of telomerase is sufficient to immortalize primary human ovarian surface epithelial cells	Yang G	Carcinogenesis. 2007 Jan;28(1):174-82.	2007	2006/7/11	16829690
2682	In Vivo Persistence of Codominant Human CD8+ T Cell Clonotypes Is Not Limited by Replicative Senescence or Functional Alteration	Derré L	J Immunol. 2007 Aug 15;179(4):2368-79.	2007	2007/8/7	17675498
2683	Exonuclease-1 deletion impairs DNA damage signaling and prolongs lifespan of telomere-dysfunctional mice	Schaetzlein S	Cell. 2007 Sep 7;130(5):863-77.	2007	2007/9/7	17803909
2684	Telomeres and human somatic fitness	Aviv A	J Gerontol A Biol Sci Med Sci. 2006 Aug;61(8):871-3.	2006	2006/8/17	16912107

2685	Aging of mesenchymal stem cells	Sethe S	Ageing Res Rev. 2006 Feb;5(1):91-116.	2006	2005/11/29	16310414
2686	Telomeres: cancer to human aging	Stewart SA	Annu Rev Cell Dev Biol. 2006;22:531-57.	2006	2006/7/11	16824017
2687	The telomere theory of reproductive senescence in women	Keefe DL	Curr Opin Obstet Gynecol. 2006 Jun;18(3):280-5.	2006	2006/6/1	16735827
2688	Cellular senescence and DNA repair	Lou Z	Exp Cell Res. 2006 Aug 15;312(14):2641-6.	2006	2006/8/9	16893723
2689	Do telomere dynamics link lifestyle and lifespan?	Monaghan P	Trends Ecol Evol. 2006 Jan;21(1):47-53.	2006	2006/5/17	16701469
2690	The role of telomeres and telomerase in the pathology of human cancer and aging	Shin JS	Pathology. 2006 Apr;38(2):103-13.	2006	2006/4/4	16581649
2691	Evolutionary explanations of the "actuarial senescence in the wild" and of the "state of senility"	Libertini G	ScientificWorldJournal. 2006 Aug 31;6:1086-108.	2006	2006/9/5	16951902
2692	Short telomeres: cause or consequence of aging?	Hornsby PJ	Aging Cell. 2006 Dec;5(6):577-8.	2006	2006/11/4	17081154
2693	Effect of aging on the pluripotential capacity of human CD105+ mesenchymal stem cells	Roura S	Eur J Heart Fail. 2006 Oct;8(6):555-63.	2006	2006/3/2	16507351
2694	Time, tumours and telomeres. Meeting on Cancer and Aging	Finkel T	EMBO Rep. 2006 May;7(5):479-83.	2006	2006/4/28	16641934
2695	[Telomere dysfunction and telomerase: implications for human pathophysiology during ageing and chronic diseases]	Plentz RR	Dtsch Med Wochenschr. 2006 Sep 22;131(38):2087-90.	2006	2006/9/19	16981080
2696	Prognostic value of telomere length: the long and short of it	Rando TA	Ann Neurol. 2006 Aug;60(2):155-7.	2006	2006/7/25	16862590
2697	Endothelial cell senescence	Erusalimsky JD	Handb Exp Pharmacol. 2006;(176 Pt 2):213-48.	2006	2006/9/27	17001772
2698	Role of the TRF2 telomeric protein in cancer and ageing	Muñoz P	Cell Cycle. 2006 Apr;5(7):718-21.	2006	2006/4/4	16582635
2699	No association between telomere length and survival among the elderly and oldest old	Bischoff C	Epidemiology. 2006 Mar;17(2):190-4.	2006	2006/2/16	16477260
2700	Telomere shortening with aging in the human pancreas	Ishii A	Exp Gerontol. 2006 Sep;41(9):882-6.	2006	2006/7/25	16860503

2701	Telomeres	Baird DM	Exp Gerontol. 2006 Dec;41(12):1223-7.	2006	2006/11/7	17084054
2702	Quantitative analysis of telomerase activity and telomere length in domestic animal clones	Betts DH	Methods Mol Biol. 2006;325:149-80.	2006	2006/6/10	16761726
2703	Ancestral telomere shortening: a countdown that will increase mean life span?	Hertzog RG	Med Hypotheses. 2006;67(1):157-60.	2006	2006/3/15	16530337
2704	Mitochondrial dysfunction and cell senescence: cause or consequence?	Passos JF	Rejuvenation Res. 2006 Spring;9(1):64-8.	2006	2006/4/13	16608398
2705	The pattern of chromosome-specific variations in telomere length in humans shows signs of heritability and is maintained through life	Graakjaer J	Ann N Y Acad Sci. 2006 May;1067:311-6.	2006	2006/6/29	16804004
2706	Comparison of telomere length of vocal folds with different tissues: a physiological measurement of vocal senescence	Thibeault SL	J Voice. 2006 Jun;20(2):165-70.	2006	2005/9/17	16165343
2707	Telomeres, telomerase, and human disease	Artandi SE	N Engl J Med. 2006 Sep 21;355(12):1195-7.	2006	2006/9/23	16990382
2708	Regulation of growth arrest in senescence: telomere damage is not the end of the story	Herbig U	Mech Ageing Dev. 2006 Jan;127(1):16-24.	2006	2005/10/19	16229875
2709	Stress, social rank and leukocyte telomere length	Lansdorp PM	Aging Cell. 2006 Dec;5(6):583-4.	2006	2006/11/4	17081156
2710	Wiedemann-Rautenstrauch syndrome's fibroblasts display a normal in vitro lifespan	Nowak R	Am J Med Genet A. 2006 Mar 15;140(6):661-2.	2006	2006/2/14	16470741
2711	A life course perspective on telomere length and social inequalities in aging	Kuh D	Aging Cell. 2006 Dec;5(6):579-80.	2006	2006/11/4	17081153
2712	Social insects as a model to study the molecular basis of ageing	Keller L	Exp Gerontol. 2006 Jun;41(6):553-6.	2006	2006/5/23	16713694
2713	Telomeres, immune aging and autoimmunity	Goronzy JJ	Exp Gerontol. 2006 Mar;41(3):246-51.	2006	2006/1/24	16427234
2714	Decreased expression of DNA repair proteins Ku70 and Mre11 is associated with aging and may contribute to the cellular senescence	Ju YJ	Exp Mol Med. 2006 Dec 31;38(6):686-93.	2006	2007/1/5	17202845
2715	Vascular smooth muscle cells undergo telomere-based senescence in human atherosclerosis: effects of telomerase and oxidative stress	Matthews C	Circ Res. 2006 Jul 21;99(2):156-64.	2006	2006/6/24	16794190
2716	[Biological mechanisms of aging]	Otová B	Cas Lek Cesk. 2006;145(9):688-94.	2006	2006/11/10	17091723

2717	Increased p53 activity does not accelerate telomere-driven ageing	García-Cao I	EMBO Rep. 2006 May;7(5):546-52.	2006	2006/4/4	16582880
2718	Recent results: biomarkers of aging	Johnson TE	Exp Gerontol. 2006 Dec;41(12):1243-6.	2006	2006/10/31	17071038
2719	Aging and the ubiquitinome: traditional and non-traditional functions of ubiquitin in aging cells and tissues	Grillari J	Exp Gerontol. 2006 Nov;41(11):1067-79.	2006	2006/10/21	17052881
2720	[Accelerated somatic cell senescence and changes in p16INK4a expression after exogenous DNA transfection]	Shen W	Yi Chuan. 2006 Nov;28(11):1383-8.	2006	2006/11/14	17098706
2721	Human telomere biology: pitfalls of moving from the laboratory to epidemiology	Aviv A	Int J Epidemiol. 2006 Dec;35(6):1424-9.	2006	2006/9/26	16997848
2722	Werner syndrome: molecular insights into the relationships between defective DNA metabolism, genomic instability, cancer and aging	Orren DK	Front Biosci. 2006 Sep 1;11:2657-71.	2006	2006/5/25	16720342
2723	Critically short telomeres in acute myeloid leukemia with loss or gain of parts of chromosomes	Swiggers SJ	Genes Chromosomes Cancer. 2006 Mar;45(3):247-56.	2006	2005/11/11	16281260
2724	[Telomere and telomerase in age related diseases]	Tahara H	Seikagaku. 2006 Mar;78(3):230-41.	2006	2006/4/26	16634567
2725	POT1b protects telomeres from end-to-end chromosomal fusions and aberrant homologous recombination	He H	EMBO J. 2006 Nov 1;25(21):5180-90.	2006	2006/10/21	17053789
2726	[Acceleration of cellular senescence]	Imanishi T	Nihon Rinsho. 2006 Jul;64 Suppl 5:70-4.	2006	2006/8/10	16897855
2727	Oxygen free radicals in cell senescence: are they signal transducers?	Passos JF	Free Radic Res. 2006 Dec;40(12):1277-83.	2006	2006/11/9	17090417
2728	Nuclear flow FISH: isolation of cell nuclei improves the determination of telomere lengths	Wieser M	Exp Gerontol. 2006 Feb;41(2):230-5.	2006	2005/11/29	16311000
2729	[The molecular biology of aging--therapeutic interventions?]	Lelbach A	Orv Hetil. 2006 Mar 12;147(10):441-8.	2006	2006/4/1	16573173
2730	Reduction of leucocyte telomere length in radiographic hand osteoarthritis: a population-based study	Zhai G	Ann Rheum Dis. 2006 Nov;65(11):1444-8.	2006	2006/10/14	17038452
2731	Telomere length changes after umbilical cord blood transplant	Pipes BL	Transfusion. 2006 Jun;46(6):1038-43.	2006	2006/6/1	16734822
2732	Techniques in gerontology: cell lines as standards for telomere length and telomerase activity assessment	Fehrer C	Exp Gerontol. 2006 Jun;41(6):648-51.	2006	2006/5/9	16677791

2733	Telomere length in the colon declines with age: a relation to colorectal cancer?	O'Sullivan J	Cancer Epidemiol Biomarkers Prev. 2006 Mar;15(3):573-7.	2006	2006/3/16	16537718
2734	[Normal ageing: biological, functional and relational aspects. Epidemiological and sociological date. Prevention of the pathological ageing]	Belmin J	Rev Prat. 2006 Dec 15;56(19):2187-95.	2006	2007/4/10	17416059
2735	Structural stability and chromosome-specific telomere length is governed by cis-acting determinants in humans	Britt-Compton B	Hum Mol Genet. 2006 Mar 1;15(5):725-33.	2006	2006/1/20	16421168
2736	Molecular basis for the cellular senescence program and its application to anticancer therapy	Katakura Y	Biosci Biotechnol Biochem. 2006 May;70(5):1076-81.	2006	2006/5/24	16717406
2737	Cellular senescence in aging primates	Herbig U	Science. 2006 Mar 3;311(5765):1257.	2006	2006/2/4	16456035
2738	Chromosomal telomere attrition as a mechanism for the increased risk of epithelial cancers and senescent phenotypes in type 2 diabetes	Sampson MJ	Diabetologia. 2006 Aug;49(8):1726-31.	2006	2006/6/23	16791617
2739	The potential effect of fibroblast senescence on wound healing and the chronic wound environment	Henderson EA	J Wound Care. 2006 Jul;15(7):315-8.	2006	2006/7/28	16869200
2740	Are mouse telomeres going to pot?	Baumann P	Cell. 2006 Jul 14;126(1):33-6.	2006	2006/7/15	16839874
2741	The association between telomere length, physical health, cognitive ageing, and mortality in non-demented older people	Harris SE	Neurosci Lett. 2006 Oct 9;406(3):260-4.	2006	2006/8/22	16919874
2742	Analysis of telomere length and telomerase activity in tree species of various lifespans, and with age in the bristlecone pine Pinus longaeva	Flanary BE	Rejuvenation Res. 2006 Spring;9(1):61-3.	2006	2006/4/13	16608397
2743	Senescence of human fibroblasts after psoralen photoactivation is mediated by ATR kinase and persistent DNA damage foci at telomeres	Hovest MG	Mol Biol Cell. 2006 Apr;17(4):1758-67.	2006	2006/1/27	16436511
2744	Hepatocytes with extensive telomere deprotection and fusion remain viable and regenerate liver mass through endoreduplication	Lazzerini Denchi E	Genes Dev. 2006 Oct 1;20(19):2648-53.	2006	2006/10/4	17015429
2745	Oncogene-induced cell senescence--halting on the road to cancer	Mooi WJ	N Engl J Med. 2006 Sep 7;355(10):1037-46.	2006	2006/9/8	16957149
2746	Vascular smooth muscle cell senescence in atherosclerosis	Gorenne I	Cardiovasc Res. 2006 Oct 1;72(1):9-17.	2006	2006/7/11	16824498
2747	Telomeres and telomerase in stem cells during aging and disease	Ju Z	Genome Dyn. 2006;1:84-103.	2006	2008/8/30	18724055
2748	Lung fibroblasts from patients with emphysema show markers of senescence in vitro	Müller KC	Respir Res. 2006 Feb 21;7(1):32.	2006	2006/3/1	16504044

2749	Degenerative aortic valve stenosis, but not coronary disease, is associated with shorter telomere length in the elderly	Kurz DJ	Arterioscler Thromb Vasc Biol. 2006 Jun;26(6):e114-7.	2006	2006/4/22	16627805
2750	Prevention of accelerated cell aging in the Werner syndrome	Davis T	Ann N Y Acad Sci. 2006 May;1067:243-7.	2006	2006/6/29	16803993
2751	Telomere biology and cardiovascular disease	Fuster JJ	Circ Res. 2006 Nov 24;99(11):1167-80.	2006	2006/11/24	17122447
2752	The telomere-telomerase axis and the heart	Kajstura J	Antioxid Redox Signal. 2006 Nov-Dec;8(11-12):2125-41.	2006	2006/10/13	17034355
2753	Aging of mesenchymal stem cell in vitro	Bonab MM	BMC Cell Biol. 2006 Mar 10;7:14.	2006	2006/3/15	16529651
2754	The use of telomere biology to identify and develop superior nitrone based anti-oxidants	Sklavounou E	Biochem Biophys Res Commun. 2006 Aug 25;347(2):420-7.	2006	2006/7/11	16828709
2755	Lower antioxidant capacity and elevated p53 and p21 may be a link between gender disparity in renal telomere shortening, albuminuria, and longevity	Tarry-Adkins JL	Am J Physiol Renal Physiol. 2006 Feb;290(2):F509-16.	2006	2005/9/29	16189290
2756	T cell memory and protective immunity by vaccination: is more better?	Zanetti M	Trends Immunol. 2006 Nov;27(11):511-7.	2006	2006/9/26	16997631
2757	Break-induced replication and recombinational telomere elongation in yeast	McEachern MJ	Annu Rev Biochem. 2006;75:111-35.	2006	2006/6/8	16756487
2758	Age-independent telomere length predicts fitness in two bird species	Pauliny A	Mol Ecol. 2006 May;15(6):1681-7.	2006	2006/4/25	16629820
2759	Telomeres and telomerase: the path from maize, Tetrahymena and yeast to human cancer and aging	Blackburn EH	Nat Med. 2006 Oct;12(10):1133-8.	2006	2006/10/7	17024208
2760	Cell aging in relation to stress arousal and cardiovascular disease risk factors	Epel ES	Psychoneuroendocrinology. 2006 Apr;31(3):277-87.	2006	2005/11/22	16298085
2761	[Mechanism of cell proliferation--cell cycle, oncogenes, and senescence]	Ide T	Yakugaku Zasshi. 2006 Nov;126(11):1087-115.	2006	2006/11/2	17077613
2762	Conservation at a distance: a gentle way to age	Dennis C	Nature. 2006 Aug 3;442(7102):507-8.	2006	2006/8/4	16885959
2763	A role for WRN in telomere-based DNA damage responses	Eller MS	Proc Natl Acad Sci U S A. 2006 Oct 10;103(41):15073-8.	2006	2006/10/4	17015833
2764	Lasker Laurels for telomerase	de Lange T	Cell. 2006 Sep 22;126(6):1017-20.	2006	2006/9/23	16990125

2765	How old are you now?	Ellison PT	Aging Cell. 2006 Dec;5(6):581.	2006	2006/11/4	17081155
2766	[Causes and sequelae of cellular aging: Interview with PD Dr. Gernot Herrmann. Clinic and Polyclinic of Dermatology and Venereology, Köln University]	Hermann G	Hautarzt. 2006 Nov;57(11):1043-4.	2006	2006/10/21	17053924
2767	Genetics of proliferative aging	Zucchero T	Exp Gerontol. 2006 Oct;41(10):992-1000.	2006	2006/10/20	17049783
2768	Pot1 deficiency initiates DNA damage checkpoint activation and aberrant homologous recombination at telomeres	Wu L	Cell. 2006 Jul 14;126(1):49-62.	2006	2006/7/15	16839876
2769	The effects of social status on biological aging as measured by white-blood-cell telomere length	Cherkas LF	Aging Cell. 2006 Oct;5(5):361-5.	2006	2006/7/22	16856882
2770	Telomere shortening and mood disorders: preliminary support for a chronic stress model of accelerated aging	Simon NM	Biol Psychiatry. 2006 Sep 1;60(5):432-5.	2006	2006/4/4	16581033
2771	Clinical oxidation parameters of aging	Voss P	Free Radic Res. 2006 Dec;40(12):1339-49.	2006	2006/11/9	17090423
2772	Evidence that the S.cerevisiae Sgs1 protein facilitates recombinational repair of telomeres during senescence	Azam M	Nucleic Acids Res. 2006 Jan 20;34(2):506-16.	2006	2006/1/24	16428246
2773	Telomeres and telomerase. A survey about methods and recent advances in cancer diagnostic and therapy	Weise JM	Histol Histopathol. 2006 Nov;21(11):1249-61.	2006	2006/7/29	16874667
2774	Contributions of differential p53 expression in the spontaneous immortalization of a chicken embryo fibroblast cell line	Christman SA	BMC Cell Biol. 2006 Jun 30;7:27.	2006	2006/7/4	16813656
2775	Recent expansion of the telomeric complex in rodents: Two distinct POT1 proteins protect mouse telomeres	Hockemeyer D	Cell. 2006 Jul 14;126(1):63-77.	2006	2006/7/15	16839877
2776	Reduced c-Myc signaling triggers telomere-independent senescence by regulating Bmi-1 and p16(INK4a)	Guney I	Proc Natl Acad Sci U S A. 2006 Mar 7;103(10):3645-50.	2006	2006/3/16	16537449
2777	Telomerase inhibitors identified by a forward chemical genetics approach using a yeast strain with shortened telomere length	Nakai R	Chem Biol. 2006 Feb;13(2):183-90.	2006	2006/2/24	16492566
2778	Persistent inhibition of telomerase reprograms adult T-cell leukemia to p53-dependent senescence	Datta A	Blood. 2006 Aug 1;108(3):1021-9.	2006	2006/3/30	16569765
2779	Spontaneous immortalization of human epidermal cells with naturally elevated telomerase	Rea MA	J Invest Dermatol. 2006 Nov;126(11):2507-15.	2006	2006/6/17	16778798
2780	Alpha-tocopherol (vitamin E) induces rapid, nonsustained proliferation in cultured rat microglia	Flanary BE	Glia. 2006 Apr 15;53(6):669-74.	2006	2006/1/19	16419088

2781	Isolation and characterization of outer root sheath melanocytes of human hair follicles	Na GY	Br J Dermatol. 2006 Nov;155(5):902-9.	2006	2006/10/13	17034517
2782	Nicotinamide extends replicative lifespan of human cells	Kang HT	Aging Cell. 2006 Oct;5(5):423-36.	2006	2006/8/31	16939485
2783	Senescence and telomere shortening induced by novel potent G-quadruplex interactive agents, quindoline derivatives, in human cancer cell lines	Zhou JM	Oncogene. 2006 Jan 26;25(4):503-11.	2006	2005/9/20	16170347
2784	Nucleostemin delays cellular senescence and negatively regulates TRF1 protein stability	Zhu Q	Mol Cell Biol. 2006 Dec;26(24):9279-90.	2006	2006/9/27	17000763
2785	Cellular senescence impairs circadian expression of clock genes in vitro and in vivo	Kunieda T	Circ Res. 2006 Mar 3;98(4):532-9.	2006	2006/1/21	16424366
2786	Catabolic stress induces features of chondrocyte senescence through overexpression of caveolin 1: possible involvement of caveolin 1-induced down-regulation of articular chondrocytes in the pathogenesis of osteoarthritis	Dai SM	Arthritis Rheum. 2006 Mar;54(3):818-31.	2006	2006/3/2	16508959
2787	Alveolar cell senescence in patients with pulmonary emphysema	Tsuji T	Am J Respir Crit Care Med. 2006 Oct 15;174(8):886-93.	2006	2006/8/5	16888288
2788	Effects of sense tankyrase transfection on smooth muscle cells of corpus cavernosum in rat	Wu XJ	Arch Androl. 2006 Mar-Apr;52(2):111-6.	2006	2006/1/31	16443587
2789	TRF2 dysfunction elicits DNA damage responses associated with senescence in proliferating neural cells and differentiation of neurons	Zhang P	J Neurochem. 2006 Apr;97(2):567-81.	2006	2006/3/17	16539655
2790	Telomeres and human disease: ageing, cancer and beyond	Blasco MA	Nat Rev Genet. 2005 Aug;6(8):611-22.	2005	2005/9/2	16136653
2791	Telomere attrition as ageing biomarker	Bekaert S	Anticancer Res. 2005 Jul-Aug;25(4):3011-21.	2005	2005/8/6	16080560
2792	Telomere dysfunction in aging and cancer	Gilley D	Int J Biochem Cell Biol. 2005 May;37(5):1000-13.	2005	2005/3/4	15743674
2793	The future of aging therapies	Hadley EC	Cell. 2005 Feb 25;120(4):557-67.	2005	2005/3/1	15734687
2794	Senescence and immortalization: role of telomeres and telomerase	Shay JW	Carcinogenesis. 2005 May;26(5):867-74.	2005	2004/10/9	15471900
2795	Telomere induced senescence: end game signaling	Hezel AF	Curr Mol Med. 2005 Mar;5(2):145-52.	2005	2005/6/25	15974867
2796	Epigenetic control of telomerase and modes of telomere maintenance in aging and abnormal systems	Lai SR	Front Biosci. 2005 May 1;10:1779-96.	2005	2005/3/17	15769667

2797	Telomere biology in aging and cancer	Wright WE	J Am Geriatr Soc. 2005 Sep;53(9 Suppl):S292-4.	2005	2005/9/1	16131355
2798	Cancer and aging: the importance of telomeres in genome maintenance	Rodier F	Int J Biochem Cell Biol. 2005 May;37(5):977-90.	2005	2005/3/4	15743672
2799	[Senescence: a telomeric limit to immortality or a cellular response to physiologic stresses?]	Gire V	Med Sci (Paris). 2005 May;21(5):491-7.	2005	2005/5/12	15885198
2800	[Telomeres, diseases and aging]	Kahn A	Med Sci (Paris). 2005 May;21(5):451-2.	2005	2005/5/12	15885185
2801	Telomeres as biomarkers for ageing and age-related diseases	von Zglinicki T	Curr Mol Med. 2005 Mar;5(2):197-203.	2005	2005/6/25	15974873
2802	Time and aging--mechanisms and meanings	Wollscheid-Lengeling E	Sci Aging Knowledge Environ. 2005 Apr 13;2005(15):pe10.	2005	2005/4/15	15829737
2803	Senescent cells, tumor suppression, and organismal aging: good citizens, bad neighbors	Campisi J	Cell. 2005 Feb 25;120(4):513-22.	2005	2005/3/1	15734683
2804	Thermodynamics and information in aging: why aging is not a mystery and how we will be able to make rational interventions	Hamalainen M	Rejuvenation Res. 2005 Spring;8(1):29-36.	2005	2005/3/31	15798372
2805	[The application of telomere DNA in age estimation of forensic medicine]	Sun HW	Fa Yi Xue Za Zhi. 2005 May;21(2):155-8.	2005	2005/6/4	15931759
2806	Paternal age is positively linked to telomere length of children	Unryn BM	Aging Cell. 2005 Apr;4(2):97-101.	2005	2005/3/18	15771613
2807	Telomere length analysis in goat clones and their offspring	Betts DH	Mol Reprod Dev. 2005 Dec;72(4):461-70.	2005	2005/9/6	16142795
2808	Analysis of telomere length and telomerase activity in tree species of various life-spans, and with age in the bristlecone pine Pinus longaeva	Flanary BE	Biogerontology. 2005;6(2):101-11.	2005	2005/7/22	16034678
2809	Telomeres and telomerase influence the course of human diseases, aging and carcinogenesis	Rudolph KL	Curr Mol Med. 2005 Mar;5(2):133-4.	2005	2005/6/25	15974865
2810	Replicative senescence and cancer	Hornsby PJ	Cancer Treat Res. 2005;124:53-73.	2005	2005/4/21	15839190
2811	Longer telomeres associated with higher survival in birds	Haussmann MF	Biol Lett. 2005 Jun 22;1(2):212-4.	2005	2006/12/7	17148169
2812	Telomere structural dynamics in genome integrity control and carcinogenesis	Greenberg RA	Adv Exp Med Biol. 2005;570:311-41.	2005	2008/8/30	18727506

2813	Telomere shortening and age estimation in forensic medicine	Tsuji A	Gerontology. 2005 Nov-Dec;51(6):416.	2005	2005/11/22	16299424
2814	Meeting report: 4th European Congress of Biogerontology	Gray DA	Sci Aging Knowledge Environ. 2005 Feb 23;2005(8):pe5.	2005	2005/2/25	15728801
2815	Chronic stress ages your body. But this mind-body link can be managed. Here's how		Health News. 2005 Mar;11(3):12-3.	2005	2005/4/5	15803575
2816	Use of telomerase to create bioengineered tissues	Shay JW	Ann N Y Acad Sci. 2005 Dec;1057:479-91.	2005	2006/1/10	16399914
2817	Understanding the odd science of aging	Kirkwood TB	Cell. 2005 Feb 25;120(4):437-47.	2005	2005/3/1	15734677
2818	Telomere length among the elderly and oldest-old	Bischoff C	Twin Res Hum Genet. 2005 Oct;8(5):425-32.	2005	2005/10/11	16212831
2819	Lack of telomere shortening with age in mouse resting zone chondrocytes	Nwosu BU	Horm Res. 2005;63(3):125-8.	2005	2005/3/30	15795509
2820	Oxidative stress: molecular perception and transduction of signals triggering antioxidant gene defenses	Scandalios JG	Braz J Med Biol Res. 2005 Jul;38(7):995-1014.	2005	2005/7/12	16007271
2821	Aging, telomeres, and atherosclerosis	Edo MD	Cardiovasc Res. 2005 May 1;66(2):213-21.	2005	2005/4/12	15820190
2822	Study of applicability of the bifunctional system "ethidium bromide + Hoechst-33258" for DNA analysis	Sibirtsev VS	Biochemistry (Mosc). 2005 Apr;70(4):449-57.	2005	2005/5/17	15892612
2823	Telomeres and telomerase biology in vertebrates: progress towards a non-human model for replicative senescence and ageing	Davis T	Biogerontology. 2005 Dec;6(6):371-85.	2005	2006/3/7	16518699
2824	Role of telomerase in hematopoietic stem cells	Lansdorp PM	Ann N Y Acad Sci. 2005 Jun;1044:220-7.	2005	2005/6/17	15958715
2825	The signals and pathways activating cellular senescence	Ben-Porath I	Int J Biochem Cell Biol. 2005 May;37(5):961-76.	2005	2005/3/4	15743671
2826	Effect of tissue fixatives on telomere length determination by quantitative PCR	Koppelstaetter C	Mech Ageing Dev. 2005 Dec;126(12):1331-3.	2005	2005/9/27	16182339
2827	Cellular senescence in vivo: its relevance in ageing and cardiovascular disease	Erusalimsky JD	Exp Gerontol. 2005 Aug-Sep;40(8-9):634-42.	2005	2005/6/23	15970413
2828	Hormones and growth factors regulate telomerase activity in ageing and cancer	Bayne S	Mol Cell Endocrinol. 2005 Aug 30;240(1-2):11-22.	2005	2005/7/12	16005142

2829	An improved method for determining telomere length and its use in assessing age in blood and saliva	Lahnert P	Gerontology. 2005 Sep-Oct;51(5):352-6.	2005	2005/8/20	16110239
2830	Obesity, cigarette smoking, and telomere length in women	Valdes AM	Lancet. 2005 Aug 20-26;366(9486):662-4.	2005	2005/8/23	16112303
2831	Influence of telomere length on short-term recovery after allogeneic stem cell transplantation	Widmann TA	Exp Hematol. 2005 Oct;33(10):1257-61.	2005	2005/10/13	16219549
2832	Rise in insulin resistance is associated with escalated telomere attrition	Gardner JP	Circulation. 2005 May 3;111(17):2171-7.	2005	2005/4/27	15851602
2833	Telomere length versus hormonal and bone mineral status in healthy elderly men	Bekaert S	Mech Ageing Dev. 2005 Oct;126(10):1115-22.	2005	2005/6/22	15967485
2834	The mitotic clock in skeletal muscle regeneration, disease and cell mediated gene therapy	Mouly V	Acta Physiol Scand. 2005 May;184(1):3-15.	2005	2005/4/26	15847639
2835	Telomeric length varies with age and polymorphisms of the MAOA gene promoter in peripheral blood cells obtained from a community in Taiwan	Lung FW	Psychiatr Genet. 2005 Mar;15(1):31-5.	2005	2005/2/22	15722955
2836	Uncoupling of longevity and telomere length in C. elegans	Raices M	PLoS Genet. 2005 Sep;1(3):e30.	2005	2005/9/10	16151516
2837	The concept of telomeric non-reciprocal recombination (TENOR) applied to human fibroblasts grown in serial cultures: concordance with genealogical data	Hasenmaile S	Rejuvenation Res. 2005 Fall;8(3):154-71.	2005	2005/9/8	16144470
2838	Telomere and telomerase dynamics in human cells	Hahn WC	Curr Mol Med. 2005 Mar;5(2):227-31.	2005	2005/6/25	15974877
2839	Telomere length in white blood cells is not associated with morbidity or mortality in the oldest old: a population-based study	Martin-Ruiz CM	Aging Cell. 2005 Dec;4(6):287-90.	2005	2005/11/23	16300480
2840	Pathways connecting telomeres and p53 in senescence, apoptosis, and cancer	Artandi SE	Biochem Biophys Res Commun. 2005 Jun 10;331(3):881-90.	2005	2005/5/4	15865944
2841	Early-senescing human skin fibroblasts do not demonstrate accelerated telomere shortening	Ferenac M	J Gerontol A Biol Sci Med Sci. 2005 Jul;60(7):820-9.	2005	2005/8/5	16079203
2842	Human cell senescence as a DNA damage response	von Zglinicki T	Mech Ageing Dev. 2005 Jan;126(1):111-7.	2005	2004/12/22	15610769
2843	Lagomorphs (rabbits, pikas and hares) do not use telomere-directed replicative aging in vitro	Forsyth NR	Mech Ageing Dev. 2005 Jun-Jul;126(6-7):685-91.	2005	2005/5/13	15888323
2844	Differential expression of genes associated with telomere length homeostasis and oncogenesis in an avian model	Swanberg SE	Mech Ageing Dev. 2005 Oct;126(10):1060-70.	2005	2005/6/1	15922407

2845	Telomere length regulation during cloning, embryogenesis and ageing	Schaetzlein S	Reprod Fertil Dev. 2005;17(1-2):85-96.	2005	2005/3/5	15745634
2846	Modeling aging and cancer in the telomerase knockout mouse	Chang S	Mutat Res. 2005 Aug 25;576(1-2):39-53.	2005	2005/6/2	15927211
2847	The plasticity of aging: insights from long-lived mutants	Kenyon C	Cell. 2005 Feb 25;120(4):449-60.	2005	2005/3/1	15734678
2848	Irreversible cellular senescence induced by prolonged exposure to H2O2 involves DNA-damage-and-repair genes and telomere shortening	Duan J	Int J Biochem Cell Biol. 2005 Jul;37(7):1407-20.	2005	2005/4/19	15833273
2849	Proliferation dynamics in cultured skin fibroblasts from Down syndrome subjects	Kimura M	Free Radic Biol Med. 2005 Aug 1;39(3):374-80.	2005	2005/7/5	15993336
2850	[Mechanisms and medical implications of replicative senescence]	Ksiazek K	Pol Arch Med Wewn. 2005 Sep;114(3):918-23.	2005	2006/5/20	16708569
2851	What has senescence got to do with cancer?	Dimri GP	Cancer Cell. 2005 Jun;7(6):505-12.	2005	2005/6/14	15950900
2852	Cyclic induction of senescence with intermittent AZT treatment accelerates both apoptosis and telomere loss	Ji HJ	Breast Cancer Res Treat. 2005 Oct;93(3):227-36.	2005	2005/9/1	16132531
2853	Nonmyeloablative conditioning does not prevent telomere shortening after allogeneic stem cell transplantation	Lahav M	Transplantation. 2005 Oct 15;80(7):969-76.	2005	2005/10/27	16249747
2854	Stress takes the edge off		Harv Ment Health Lett. 2005 May;21(11):7.	2005	2005/6/30	15984072
2855	The role of CD8+ T-cell replicative senescence in human aging	Effros RB	Immunol Rev. 2005 Jun;205:147-57.	2005	2005/5/11	15882351
2856	Mesenchymal stem cell aging	Fehrer C	Exp Gerontol. 2005 Dec;40(12):926-30.	2005	2005/8/30	16125890
2857	POT1 and TRF2 cooperate to maintain telomeric integrity	Yang Q	Mol Cell Biol. 2005 Feb;25(3):1070-80.	2005	2005/1/20	15657433
2858	A mathematical model of cellular apoptosis and senescence through the dynamics of telomere loss	Arkus N	J Theor Biol. 2005 Jul 7;235(1):13-32.	2005	2005/4/19	15833310
2859	Beneficial effects and side effects of DHEA: true anti-aging and age-promoting effects, as well as anti-cancer and cancer-promoting effects of DHEA evaluated from the effects on the normal and cancer cell telomeres and other parameters	Omura Y	Acupunct Electrother Res. 2005;30(3-4):219-61.	2005	2006/4/19	16617690
2860	Telomere length predicts embryo fragmentation after in vitro fertilization in women--toward a telomere theory of reproductive aging in women	Keefe DL	Am J Obstet Gynecol. 2005 Apr;192(4):1256-60; discussion 1260-1	2005	2005/4/23	15846215

2861	Lunasensor, infradian rhythms, telomeres, and the chronomere program of aging	Olovnikov A	Ann N Y Acad Sci. 2005 Dec;1057:112-32.	2005	2006/1/10	16399890
2862	Proliferative senescence in hematopoietic stem cells during ex-vivo expansion	Piacibello W	Folia Histochem Cytobiol. 2005;43(4):197-202.	2005	2005/12/31	16382884
2863	Response to Fritz Allhoff, "Telomeres and the ethics of human cloning" (AJOB 4:2)	Steinberg JR	Am J Bioeth. 2005 Winter;5(1):W27-8.	2005	2005/7/23	16036647
2864	Telomere-dependent chromosomal instability	Boukamp P	J Investig Dermatol Symp Proc. 2005 Nov;10(2):89-94.	2005	2005/12/20	16358816
2865	Overexpression of Bcl-2 is associated with apoptotic resistance to the G-quadruplex ligand 12459 but is not sufficient to confer resistance to long-term senescence	Douarre C	Nucleic Acids Res. 2005 Apr 14;33(7):2192-203.	2005	2005/4/16	15831792
2866	In vivo regulation of telomerase activity and telomere length	Hathcock KS	Immunol Rev. 2005 Jun;205:104-13.	2005	2005/5/11	15882348
2867	Human telomeres maintain their overhang length at senescence	Chai W	Mol Cell Biol. 2005 Mar;25(6):2158-68.	2005	2005/3/4	15743814
2868	Effects of human Na(+)/dicarboxylate cotransporter 3 on the replicative senescence of human embryonic lung diploid fibroblasts	Chen X	J Gerontol A Biol Sci Med Sci. 2005 Jun;60(6):709-14.	2005	2005/6/29	15983172
2869	The emerging role of poly(ADP-ribose) polymerase-1 in longevity	Bürkle A	Int J Biochem Cell Biol. 2005 May;37(5):1043-53.	2005	2005/3/4	15743677
2870	Chromosomal instability in the cattle clones derived by somatic cell nuclear-transfer	Hanada H	Mol Reprod Dev. 2005 May;71(1):36-44.	2005	2005/3/1	15736125
2871	Mice with bad ends: mouse models for the study of telomeres and telomerase in cancer and aging	Blasco MA	EMBO J. 2005 Mar 23;24(6):1095-103.	2005	2005/3/19	15775986
2872	The telomere length dynamic and methods of its assessment	Lin KW	J Cell Mol Med. 2005 Oct-Dec;9(4):977-89.	2005	2005/12/21	16364206
2873	Mitochondria, telomeres and cell senescence	Passos JF	Exp Gerontol. 2005 Jun;40(6):466-72.	2005	2005/6/21	15963673
2874	On the regenerative capacity of human skeletal muscle	Wernig A	Artif Organs. 2005 Mar;29(3):192-8.	2005	2005/2/24	15725215
2875	[Role of ATM-related proteins in the assembly of telomere replication proteins]	Matsuura A	Seikagaku. 2005 Mar;77(3):233-40.	2005	2005/4/20	15835310
2876	Roles of tumor suppressor and telomere maintenance genes in cancer and aging--an epidemiological study	Gu J	Carcinogenesis. 2005 Oct;26(10):1741-7.	2005	2005/5/21	15905204

2877	The longevity gender gap: are telomeres the explanation?	Aviv A	Sci Aging Knowledge Environ. 2005 Jun 8;2005(23):pe16.	2005	2005/6/10	15944464
2878	IL-15 activates telomerase and minimizes telomere loss and may preserve the replicative life span of memory CD8+ T cells in vitro	Li Y	J Immunol. 2005 Apr 1;174(7):4019-24.	2005	2005/3/22	15778359
2879	Accumulation and altered localization of telomere-associated protein TRF2 in immortally transformed and tumor-derived human breast cells	Nijjar T	Oncogene. 2005 May 5;24(20):3369-76.	2005	2005/3/1	15735711
2880	Significance of senescence for virus-specific memory T cell responses: rapid ageing during chronic stimulation of the immune system	van Baarle D	Immunol Lett. 2005 Feb 15;97(1):19-29.	2005	2005/1/1	15626472
2881	Shared phenotypes among segmental progeroid syndromes suggest underlying pathways of aging	Hofer AC	J Gerontol A Biol Sci Med Sci. 2005 Jan;60(1):10-20.	2005	2005/3/3	15741277
2882	The effect of TERC haploinsufficiency on the inheritance of telomere length	Goldman F	Proc Natl Acad Sci U S A. 2005 Nov 22;102(47):17119-24.	2005	2005/11/15	16284252
2883	[Potential involvement of cellular senescence in the pathogenesis of bone and joint disease]	Yudoh K	Nihon Rinsho. 2005 Jan;63 Suppl 1:719-20.	2005	2005/4/1	15799448
2884	Age-related differences in phenotype and function of CD4+ T cells are due to a phenotypic shift from naive to memory effector CD4+ T cells	Kovaiou RD	Int Immunol. 2005 Oct;17(10):1359-66.	2005	2005/9/6	16141244
2885	The cellular level of telomere dysfunction determines induction of senescence or apoptosis in vivo	Lechel A	EMBO Rep. 2005 Mar;6(3):275-81.	2005	2005/2/22	15723042
2886	The impact of telomere erosion on memory CD8+ T cells in patients with X-linked lymphoproliferative syndrome	Plunkett FJ	Mech Ageing Dev. 2005 Aug;126(8):855-65.	2005	2005/7/5	15992610
2887	Senescence and its bypass in the vascular endothelium	Freedman DA	Front Biosci. 2005 Jan 1;10:940-50.	2005	2004/12/1	15569632
2888	Making cell-permeable recombinant telomerase (trans-telomerase) through fusion of its catalytic subunit (hTERT) with protein transduction domains (PTD): a possible strategy to overcome replicative senescence during ex vivo culture of primary explanted cells	Heng BC	Med Hypotheses. 2005;65(1):199-200.	2005	2005/5/17	15893148
2889	Telomerase therapeutics for degenerative diseases	Harley CB	Curr Mol Med. 2005 Mar;5(2):205-11.	2005	2005/6/25	15974874
2890	Telomere shortening occurs in Asian Indian Type 2 diabetic patients	Adaikalakotes wari A	Diabet Med. 2005 Sep;22(9):1151-6.	2005	2005/8/20	16108841
2891	BRAFE600-associated senescence-like cell cycle arrest of human naevi	Michaloglou C	Nature. 2005 Aug 4;436(7051):720-4.	2005	2005/8/5	16079850
2892	Telomerase inhibition by siRNA causes senescence and apoptosis in Barrett's adenocarcinoma cells: mechanism and therapeutic potential	Shammas MA	Mol Cancer. 2005 Jul 15;4:24.	2005	2005/7/19	16022731

2893	Stress-induced premature senescence in mononuclear cells from patients on long-term hemodialysis	Ramírez R	Am J Kidney Dis. 2005 Feb;45(2):353-9.	2005	2005/2/3	15685514
2894	Def1p is involved in telomere maintenance in budding yeast	Chen YB	J Biol Chem. 2005 Jul 1;280(26):24784-91.	2005	2005/5/3	15863512
2895	Prevention of accelerated cell aging in Werner syndrome using a p38 mitogen-activated protein kinase inhibitor	Davis T	J Gerontol A Biol Sci Med Sci. 2005 Nov;60(11):1386-93.	2005	2005/12/13	16339323
2896	Immortalization of human fetal cells: the life span of umbilical cord blood-derived cells can be prolonged without manipulating p16INK4a/RB braking pathway	Terai M	Mol Biol Cell. 2005 Mar;16(3):1491-9.	2005	2005/1/14	15647378
2897	Inactivation of p38 kinase delays the onset of senescence in rabbit articular chondrocytes	Kang S	Mech Ageing Dev. 2005 May;126(5):591-7.	2005	2005/4/7	15811428
2898	Telomere-independent cellular senescence in human fetal cardiomyocytes	Ball AJ	Aging Cell. 2005 Feb;4(1):21-30.	2005	2005/1/22	15659210
2899	Telomere loss, senescence, and genetic instability in CD4+ T lymphocytes overexpressing hTERT	Röth A	Blood. 2005 Jul 1;106(1):43-50.	2005	2005/3/3	15741219
2900	Werner protein protects nonproliferating cells from oxidative DNA damage	Szekely AM	Mol Cell Biol. 2005 Dec;25(23):10492-506.	2005	2005/11/17	16287861
2901	Flow cytometric analysis of fluorescence in situ hybridization with dye dilution and DNA staining (flow-FISH-DDD) to determine telomere length dynamics in proliferating cells	Potter AJ	Cytometry A. 2005 Nov;68(1):53-8.	2005	2005/9/16	16163702
2902	Suppressing cancer: the importance of being senescent	Campisi J	Science. 2005 Aug 5;309(5736):886-7.	2005	2005/8/6	16081723
2903	Short telomeres, even in the presence of telomerase, limit tissue renewal capacity	Hao LY	Cell. 2005 Dec 16;123(6):1121-31.	2005	2005/12/20	16360040
2904	Mechanisms that limit the in vitro proliferative potential of human CD8+ T lymphocytes	Migliaccio M	J Immunol. 2005 Mar 15;174(6):3335-43.	2005	2005/3/8	15749865
2905	Potential involvement of oxidative stress in cartilage senescence and development of osteoarthritis: oxidative stress induces chondrocyte telomere instability and downregulation of chondrocyte function	Yudoh K	Arthritis Res Ther. 2005;7(2):R380-91.	2005	2005/3/4	15743486
2906	Elevated telomere-telomere recombination in WRN-deficient, telomere dysfunctional cells promotes escape from senescence and engagement of the ALT pathway	Laud PR	Genes Dev. 2005 Nov 1;19(21):2560-70.	2005	2005/11/3	16264192
2907	A robust assay for alternative lengthening of telomeres in tumors shows the significance of alternative lengthening of telomeres in sarcomas and astrocytomas	Henson JD	Clin Cancer Res. 2005 Jan 1;11(1):217-25.	2005	2005/1/27	15671549
2908	Monocytes from dialysis patients exhibit characteristics of senescent cells: does it really mean inflammation?	Carracedo J	Contrib Nephrol. 2005;149:208-218.	2005	2005/5/7	15876845

2909	Replicative senescence in sheep fibroblasts is a p53 dependent process	Davis T	Exp Gerontol. 2005 Jan-Feb;40(1-2):17-26.	2005	2005/1/25	15664728
2910	p53-Dependent accelerated senescence induced by ionizing radiation in breast tumour cells	Jones KR	Int J Radiat Biol. 2005 Jun;81(6):445-58.	2005	2005/11/29	16308915
2911	Reconstitution of human telomerase reverse transcriptase expression rescues colorectal carcinoma cells from in vitro senescence: evidence against immortality as a constitutive trait of tumor cells	Dalerba P	Cancer Res. 2005 Mar 15;65(6):2321-9.	2005	2005/3/23	15781646
2912	Human telomerase reverse transcriptase immortalizes bovine lens epithelial cells and suppresses differentiation through regulation of the ERK signaling pathway	Wang J	J Biol Chem. 2005 Jun 17;280(24):22776-87.	2005	2005/4/26	15849192
2913	Replicative senescence in patients with chronic kidney failure	Jimenez R	Kidney Int Suppl. 2005 Dec;(99):S11-5.	2005	2005/12/13	16336562
2914	Effects of axotomy on telomere length, telomerase activity, and protein in activated microglia	Flanary BE	J Neurosci Res. 2005 Oct 15;82(2):160-71.	2005	2005/9/22	16175576
2915	The extent and significance of telomere loss with age	Baird DM	Ann N Y Acad Sci. 2004 Jun;1019:265-8.	2004	2004/7/13	15247026
2916	Measuring vertebrate telomeres: applications and limitations	Nakagawa S	Mol Ecol. 2004 Sep;13(9):2523-33.	2004	2004/8/19	15315667
2917	Telomeres and human aging: facts and fibs	Aviv A	Sci Aging Knowledge Environ. 2004 Dec 22;2004(51):pe43.	2004	2004/12/25	15618136
2918	Telomere biology in mammalian germ cells and during development	Bekaert S	Dev Biol. 2004 Oct 1;274(1):15-30.	2004	2004/9/10	15355785
2919	Do tumor-suppressive mechanisms contribute to organism aging by inducing stem cell senescence?	Pelicci PG	J Clin Invest. 2004 Jan;113(1):4-7.	2004	2004/1/1	14702099
2920	[Molecular biology of aging]	Ishikawa F	Nihon Ronen Igakkai Zasshi. 2004 Jul;41(4):372-4.	2004	2004/9/25	15387275
2921	Telomere loss in relation to age and early environment in long-lived birds	Hall ME	Proc Biol Sci. 2004 Aug 7;271(1548):1571-6.	2004	2004/8/13	15306302
2922	Telomeres and telomerase: a modern fountain of youth?	de Magalhães JP	Rejuvenation Res. 2004 Summer;7(2):126-33.	2004	2004/8/18	15312299
2923	Mathematical modeling confirms the length-dependency of telomere shortening	op den Buijs J	Mech Ageing Dev. 2004 Jun;125(6):437-44.	2004	2004/6/5	15178133
2924	Biological activity of the G-quadruplex ligand RHPS4 (3,11-difluoro-6,8,13-trimethyl-8H-quino[4,3,2-kl]acridinium methosulfate) is associated with telomere capping alteration	Leonetti C	Mol Pharmacol. 2004 Nov;66(5):1138-46.	2004	2004/8/12	15304549

2925	Hypothesis on transmission of longevity based on telomere length and state of integrity	Manestar-Blazić T	Med Hypotheses. 2004;62(5):770-2.	2004	2004/4/15	15082104
2926	Tying it all together: telomeres, sexual size dimorphism and the gender gap in life expectancy	Stindl R	Med Hypotheses. 2004;62(1):151-4.	2004	2004/1/20	14729022
2927	Why use telomerized cells for organ transplantation?	Flanary B	Rejuvenation Res. 2004 Spring;7(1):12-4.	2004	2004/7/17	15256041
2928	Organismal stress and telomeric aging: an unexpected connection	Sapolsky RM	Proc Natl Acad Sci U S A. 2004 Dec 14;101(50):17323-4.	2004	2004/12/8	15579535
2929	EXO1 plays a role in generating type I and type II survivors in budding yeast	Maringele L	Genetics. 2004 Apr;166(4):1641-9.	2004	2004/5/6	15126386
2930	Senescing human cells and ageing mice accumulate DNA lesions with unrepairable double-strand breaks	Sedelnikova OA	Nat Cell Biol. 2004 Feb;6(2):168-70.	2004	2004/2/3	14755273
2931	If telomeres thrive, you will survive. Augmenting chromosome caps extends worm life span	Leslie M	Sci Aging Knowledge Environ. 2004 May 5;2004(18):nf47.	2004	2004/5/7	15129004
2932	Merging routes	Davenport RJ	Sci Aging Knowledge Environ. 2004 May 26;2004(21):nf54.	2004	2004/5/28	15163846
2933	New trends in biomedical aging research	Malavolta M	Gerontology. 2004 Nov-Dec;50(6):420-4.	2004	2004/10/13	15477705
2934	Dysfunctional telomeres at senescence signal cell cycle arrest via Chk2	Gire V	Cell Cycle. 2004 Oct;3(10):1217-20.	2004	2004/10/7	15467458
2935	Hematopoiesis in the elderly	Berkahn L	Hematology. 2004 Jun;9(3):159-63.	2004	2004/6/19	15204096
2936	Replicative senescence: a critical review	Cristofalo VJ	Mech Ageing Dev. 2004 Oct-Nov;125(10-11):827-48.	2004	2004/11/16	15541776
2937	Accelerated telomere shortening in response to life stress	Epel ES	Proc Natl Acad Sci U S A. 2004 Dec 7;101(49):17312-5.	2004	2004/12/3	15574496
2938	From cells to ageing: a review of models and mechanisms of cellular senescence and their impact on human ageing	de Magalhães JP	Exp Cell Res. 2004 Oct 15;300(1):1-10.	2004	2004/9/24	15383309
2939	When cells get stressed: an integrative view of cellular senescence	Ben-Porath I	J Clin Invest. 2004 Jan;113(1):8-13.	2004	2004/1/1	14702100
2940	Senescence and functional failure in hematopoietic stem cells	Chen J	Exp Hematol. 2004 Nov;32(11):1025-32.	2004	2004/11/13	15539079

2941	Normal telomere erosion rates at the single cell level in Werner syndrome fibroblast cells	Baird DM	Hum Mol Genet. 2004 Jul 15;13(14):1515-24.	2004	2004/5/20	15150162
2942	Slow-down of age-dependent telomere shortening is executed in human skin keratinocytes by hormesis-like-effects of trace hydrogen peroxide or by anti-oxidative effects of pro-vitamin C in common concurrently with reduction of intracellular oxidative stress	Yokoo S	J Cell Biochem. 2004 Oct 15;93(3):588-97.	2004	2004/9/21	15378602
2943	Telomerase expression is differentially regulated in birds of differing life span	Haussmann MF	Ann N Y Acad Sci. 2004 Jun;1019:186-90.	2004	2004/7/13	15247011
2944	Rapid telomere attrition in cardiac tissue of the ageing Wistar rat	Hastings R	Exp Gerontol. 2004 May;39(5):855-7.	2004	2004/5/8	15130681
2945	Spontaneous reactivation of a silent telomeric transgene in a human cell line	Baur JA	Chromosoma. 2004 Feb;112(5):240-6.	2004	2004/1/22	14735368
2946	Does a sentinel or a subset of short telomeres determine replicative senescence?	Zou Y	Mol Biol Cell. 2004 Aug;15(8):3709-18.	2004	2004/6/8	15181152
2947	Peptide promotes overcoming of the division limit in human somatic cell	Khavinson VKh	Bull Exp Biol Med. 2004 May;137(5):503-6.	2004	2004/9/30	15455129
2948	Telomeres and telomerase in the fetal origins of cardiovascular disease: a review	Demerath EW	Hum Biol. 2004 Feb;76(1):127-46.	2004	2004/6/30	15222684
2949	Age-dependent telomere attrition as a potential indicator of racial differences in renal growth patterns	Tchakmakjian L	Nephron Exp Nephrol. 2004;98(3):e82-8.	2004	2004/11/6	15528948
2950	Telomeres, stem cells, senescence, and cancer	Sharpless NE	J Clin Invest. 2004 Jan;113(2):160-8.	2004	2004/1/15	14722605
2951	Illegal formation	Leslie M	Sci Aging Knowledge Environ. 2004 Apr 21;2004(16):nf42.	2004	2004/4/23	15103053
2952	The p16INK4a-RB pathway: molecular link between cellular senescence and tumor suppression	Ohtani N	J Med Invest. 2004 Aug;51(3-4):146-53.	2004	2004/10/6	15460900
2953	Exogenous application of glucose induces aging in rat cerebral oligodendrocytes as revealed by alteration in telomere length	Dabouras V	Neurosci Lett. 2004 Sep 16;368(1):68-72.	2004	2004/9/3	15342136
2954	The genetics of human longevity	Browner WS	Am J Med. 2004 Dec 1;117(11):851-60.	2004	2004/12/14	15589490
2955	Telomere length and possible link to X chromosome	Nawrot TS	Lancet. 2004 Feb 14;363(9408):507-10.	2004	2004/2/21	14975611
2956	Cancer: surviving on the edge	Hahn WC	Cancer Cell. 2004 Sep;6(3):215-22.	2004	2004/9/24	15380512

2957	Cell biology. Long-term stress may chip away at the ends of chromosomes	Holden C	Science. 2004 Dec 3;306(5702):1666.	2004	2004/12/4	15576579
2958	Functional aging and gradual senescence in zebrafish	Kishi S	Ann N Y Acad Sci. 2004 Jun;1019:521-6.	2004	2004/7/13	15247079
2959	Homologous recombination generates T-loop-sized deletions at human telomeres	Wang RC	Cell. 2004 Oct 29;119(3):355-68.	2004	2004/10/28	15507207
2960	Telomeres and cardiovascular disease: does size matter?	Serrano AL	Circ Res. 2004 Mar 19;94(5):575-84.	2004	2004/3/20	15031270
2961	Apoptosis and genomic instability	Zhivotovsky B	Nat Rev Mol Cell Biol. 2004 Sep;5(9):752-62.	2004	2004/9/2	15340382
2962	Telomere attrition and accumulation of senescent cells in cultured human endothelial cells	Hastings R	Cell Prolif. 2004 Aug;37(4):317-24.	2004	2004/7/13	15245567
2963	Analysis of gene expression patterns and chromosomal changes associated with aging	Geigl JB	Cancer Res. 2004 Dec 1;64(23):8550-7.	2004	2004/12/3	15574761
2964	Signaling pathway requirements for induction of senescence by telomere homolog oligonucleotides	Li GZ	Exp Cell Res. 2004 Dec 10;301(2):189-200.	2004	2004/11/9	15530855
2965	A kinetic model of telomere shortening in infants and adults	Sidorov IA	J Theor Biol. 2004 Jan 21;226(2):169-75.	2004	2003/12/4	14643186
2966	The effect of the long-term cultivation on telomere length and morphology of cultured epidermis	Miyata Y	J Dermatol Sci. 2004 May;34(3):221-30.	2004	2004/4/29	15113592
2967	Regulation of murine telomere length via Rtel	Flanary B	Rejuvenation Res. 2004 Fall;7(3):168-70.	2004	2004/12/14	15588516
2968	Activation of the DNA damage response by telomere attrition: a passage to cellular senescence	Reaper PM	Cell Cycle. 2004 May;3(5):543-6. Epub 2004 May 8.	2004	2004/3/23	15034298
2969	The role of vascular cell senescence in atherosclerosis: antisenescence as a novel therapeutic strategy for vascular aging	Minamino T	Curr Vasc Pharmacol. 2004 Apr;2(2):141-8.	2004	2004/8/24	15320515
2970	Will telomere erosion lead to a loss of T-cell memory?	Akbar AN	Nat Rev Immunol. 2004 Sep;4(9):737-43.	2004	2004/9/3	15343372
2971	Essential role of limiting telomeres in the pathogenesis of Werner syndrome	Chang S	Nat Genet. 2004 Aug;36(8):877-82.	2004	2004/7/6	15235603
2972	The role of telomeres in skin aging/photoaging	Kosmadaki MG	Micron. 2004;35(3):155-9.	2004	2004/3/24	15036269

2973	[Genes in the aging process]	Miki T	Nihon Naika Gakkai Zasshi. 2004 Dec 10;93(12):2603-8.	2004	2005/1/22	15658492
2974	Cardiac stem cells fail with aging: a new mechanism for the age-dependent decline in cardiac function	Capogrossi MC	Circ Res. 2004 Mar 5;94(4):411-3.	2004	2004/3/6	15001538
2975	Frequent recombination in telomeric DNA may extend the proliferative life of telomerase-negative cells	Bailey SM	Nucleic Acids Res. 2004 Jul 16;32(12):3743-51.	2004	2004/7/20	15258249
2976	Mathematical modeling of vascular endothelial layer maintenance: the role of endothelial cell division, progenitor cell homing, and telomere shortening	Op den Buijs J	Am J Physiol Heart Circ Physiol. 2004 Dec;287(6):H2651-8.	2004	2004/7/31	15284068
2977	Telomeres and chromosomal instability	Mathieu N	Cell Mol Life Sci. 2004 Mar;61(6):641-56.	2004	2004/3/31	15052408
2978	Significant role for p16INK4a in p53-independent telomere-directed senescence	Jacobs JJ	Curr Biol. 2004 Dec 29;14(24):2302-8.	2004	2004/12/29	15620660
2979	What can progeroid syndromes tell us about human aging?	Kipling D	Science. 2004 Sep 3;305(5689):1426-31.	2004	2004/9/9	15353794
2980	Chromosome positional effects of gene expressions after cellular senescence	Chen HL	Biochem Biophys Res Commun. 2004 Jan 16;313(3):576-86.	2004	2003/12/31	14697230
2981	[Cellar senescence and tumor]	Zhao NX	Ai Zheng. 2004 Oct;23(10):1225-30.	2004	2004/10/12	15473942
2982	Mechanisms of cellular senescence in human and mouse cells	Itahana K	Biogerontology. 2004;5(1):1-10.	2004	2004/5/13	15138376
2983	Vascular cell senescence and vascular aging	Minamino T	J Mol Cell Cardiol. 2004 Feb;36(2):175-83.	2004	2004/2/12	14871544
2984	Observations on the proposed relationship between infection burden and early malignancy in developing countries (e.g., India)	Vijh AK	Med Hypotheses. 2004;62(2):233-6.	2004	2004/2/14	14962633
2985	Disparate effects of telomere attrition on gene expression during replicative senescence of human mammary epithelial cells cultured under different conditions	Zhang H	Oncogene. 2004 Aug 19;23(37):6193-8.	2004	2004/6/15	15195144
2986	Telomere shortening in human coronary artery diseases	Ogami M	Arterioscler Thromb Vasc Biol. 2004 Mar;24(3):546-50.	2004	2004/1/17	14726417
2987	Telomeres and the ethics of human cloning	Allhoff F	Am J Bioeth. 2004 Spring;4(2):W29-31.	2004	2004/6/10	15186685
2988	Oncogenic transformation of human cells: shortcomings of rodent model systems	Akagi T	Trends Mol Med. 2004 Nov;10(11):542-8.	2004	2004/11/3	15519280

2989	Post-traumatic osteoarthritis: the role of accelerated chondrocyte senescence	Martin JA	Biorheology. 2004;41(3-4):479-91.	2004	2004/8/10	15299279
2990	Down-regulation of p21WAF1 promotes apoptosis in senescent human fibroblasts: involvement of retinoblastoma protein phosphorylation and delay of cellular aging	Huang Y	J Cell Physiol. 2004 Dec;201(3):483-91.	2004	2004/9/25	15389598
2991	Long lifespan in worms with long telomeric DNA	Joeng KS	Nat Genet. 2004 Jun;36(6):607-11.	2004	2004/5/4	15122256
2992	Measurable immune dysfunction and telomere attrition in long-term allogeneic transplant recipients	Lewis NL	Bone Marrow Transplant. 2004 Jan;33(1):71-8.	2004	2004/1/6	14704659
2993	Study of telomere length reveals rapid aging of human marrow stromal cells following in vitro expansion	Baxter MA	Stem Cells. 2004;22(5):675-82.	2004	2004/9/3	15342932
2994	Telomere attrition in white blood cell correlating with cardiovascular damage	Nakashima H	Hypertens Res. 2004 May;27(5):319-25.	2004	2004/6/17	15198478
2995	Disappearance of the telomere dysfunction-induced stress response in fully senescent cells	Bakkenist CJ	Cancer Res. 2004 Jun 1;64(11):3748-52.	2004	2004/6/3	15172978
2996	L-carnosine reduces telomere damage and shortening rate in cultured normal fibroblasts	Shao L	Biochem Biophys Res Commun. 2004 Nov 12;324(2):931-6.	2004	2004/10/12	15474517
2997	Smurf2 up-regulation activates telomere-dependent senescence	Zhang H	Genes Dev. 2004 Dec 15;18(24):3028-40.	2004	2004/12/3	15574587
2998	Reduction of alkaline phosphatase activity in aged human osteogenic periodontal ligament fibroblasts exhibiting short telomeres	Sawa Y	Cell Tissue Res. 2004 Mar;315(3):331-7.	2004	2003/12/16	14673642
2999	Telomere shortening exposes functions for the mouse Werner and Bloom syndrome genes	Du X	Mol Cell Biol. 2004 Oct;24(19):8437-46.	2004	2004/9/16	15367665
3000	Dyskeratosis congenita: molecular insights into telomerase function, ageing and cancer	Marrone A	Expert Rev Mol Med. 2004 Dec 20;6(26):1-23.	2004	2004/12/23	15613268
3001	[Experimental study on effect of epimedium flavonoids in protecting telomere length of senescence cells HU]	Hu ZW	Zhongguo Zhong Xi Yi Jie He Za Zhi. 2004 Dec;24(12):1094-7.	2004	2005/1/22	15658653
3002	Telomerized presenescent osteoblasts prevent bone mass loss in vivo	Yudoh K	Gene Ther. 2004 Jun;11(11):909-15.	2004	2004/4/2	15057262
3003	Total deletion of in vivo telomere elongation capacity: an ambitious but possibly ultimate cure for all age-related human cancers	de Grey AD	Ann N Y Acad Sci. 2004 Jun;1019:147-70.	2004	2004/7/13	15247008
3004	Replicative senescence of CD8 T cells: potential effects on cancer immune surveillance and immunotherapy	Effros RB	Cancer Immunol Immunother. 2004 Oct;53(10):925-33.	2004	2004/4/7	15067431

3005	The ravages of stress	Lemonick MD	Time. 2004 Dec 13;164(24):45.	2004	2004/12/29	15620159
3006	Shorter telomeres, accelerated ageing and increased lymphoma in DNA-PKcs-deficient mice	Espejel S	EMBO Rep. 2004 May;5(5):503-9.	2004	2004/4/24	15105825
3007	DNA repair factors and telomere-chromosome integrity in mammalian cells	Hande MP	Cytogenet Genome Res. 2004;104(1-4):116-22.	2004	2004/5/27	15162024
3008	Telomere length assessment in tissue sections by quantitative FISH: image analysis algorithms	O'Sullivan JN	Cytometry A. 2004 Apr;58(2):120-31.	2004	2004/4/2	15057965
3009	Chronic oxidative stress compromises telomere integrity and accelerates the onset of senescence in human endothelial cells	Kurz DJ	J Cell Sci. 2004 May 1;117(Pt 11):2417-26.	2004	2004/5/6	15126641
3010	Telomere length in leukocytes and cultured gingival fibroblasts from patients with aggressive periodontitis	Takahashi K	J Periodontol. 2004 Jan;75(1):84-90.	2004	2004/3/18	15025219
3011	Hallmarks of senescence in carcinogenesis and cancer therapy	Shay JW	Oncogene. 2004 Apr 12;23(16):2919-33.	2004	2004/4/13	15077154
3012	The role of replicative senescence in cancer and human ageing: utility (or otherwise) of murine models	Smith SK	Cytogenet Genome Res. 2004;105(2-4):455-63.	2004	2004/7/9	15237234
3013	PTOP interacts with POT1 and regulates its localization to telomeres	Liu D	Nat Cell Biol. 2004 Jul;6(7):673-80.	2004	2004/6/8	15181449
3014	Effects of oxidative damage and telomerase activity on human articular cartilage chondrocyte senescence	Martin JA	J Gerontol A Biol Sci Med Sci. 2004 Apr;59(4):324-37.	2004	2004/4/9	15071075
3015	Drug insight: Cancer cell immortality-telomerase as a target for novel cancer gene therapies	Keith WN	Nat Clin Pract Oncol. 2004 Dec;1(2):88-96.	2004	2005/11/3	16264826
3016	Telomeres on chromosome 21 and aging in lymphocytes and gingival fibroblasts from individuals with Down syndrome	de Arruda Cardoso Smith M	J Oral Sci. 2004 Sep;46(3):171-7.	2004	2004/10/29	15508750
3017	Mechanism of telomere shortening by oxidative stress	Kawanishi S	Ann N Y Acad Sci. 2004 Jun;1019:278-84.	2004	2004/7/13	15247029
3018	Stochastic variation in telomere shortening rate causes heterogeneity of human fibroblast replicative life span	Martin-Ruiz C	J Biol Chem. 2004 Apr 23;279(17):17826-33.	2004	2004/2/14	14963037
3019	Fibroblast clones from patients with Hutchinson-Gilford progeria can senesce despite the presence of telomerase	Wallis CV	Exp Gerontol. 2004 Apr;39(4):461-7.	2004	2004/3/31	15050279
3020	Senescence occurs with hTERT repression and limited telomere shortening in human oral keratinocytes cultured with feeder cells	Kang MK	J Cell Physiol. 2004 Jun;199(3):364-70.	2004	2004/4/20	15095283

3021	Long-term molecular and cellular stability of human neural stem cell lines	Villa A	Exp Cell Res. 2004 Apr 1;294(2):559-70.	2004	2004/3/17	15023542
3022	Glucose-6-phosphate dehydrogenase-deficient cells show an increased propensity for oxidant-induced senescence	Cheng ML	Free Radic Biol Med. 2004 Mar 1;36(5):580-91.	2004	2004/2/26	14980702
3023	N-methyl-N'-nitro-N-nitrosoguanidine-induced senescence-like growth arrest in colon cancer cells is associated with loss of adenomatous polyposis coli protein, microtubule organization, and telomeric DNA	Jaiswal AS	Mol Cancer. 2004 Jan 16;3:3.	2004	2004/1/20	14728717
3024	Cardiac stem cell and myocyte aging, heart failure, and insulin-like growth factor-1 overexpression	Torella D	Circ Res. 2004 Mar 5;94(4):514-24.	2004	2004/1/17	14726476
3025	Telomerase- and recombination-independent immortalization of budding yeast	Maringele L	Genes Dev. 2004 Nov 1;18(21):2663-75.	2004	2004/10/19	15489288
3026	Structural elements required for association of the Saccharomyces cerevisiae telomerase RNA with the Est2 reverse transcriptase	Chappell AS	Mol Cell Biol. 2004 Sep;24(17):7720-36.	2004	2004/8/18	15314178
3027	Mitogen stimulation cooperates with telomere shortening to activate DNA damage responses and senescence signaling	Satyanarayana A	Mol Cell Biol. 2004 Jun;24(12):5459-74.	2004	2004/6/1	15169907
3028	Telomere length mediates the effects of telomerase on the cellular response to genotoxic stress	Rubio MA	Exp Cell Res. 2004 Aug 1;298(1):17-27.	2004	2004/7/10	15242758
3029	Genetic manipulation of telomerase in HIV-specific CD8+ T cells: enhanced antiviral functions accompany the increased proliferative potential and telomere length stabilization	Dagarag M	J Immunol. 2004 Nov 15;173(10):6303-11.	2004	2004/11/6	15528369
3030	Telomere shortening triggers senescence of human cells through a pathway involving ATM, p53, and p21(CIP1), but not p16(INK4a)	Herbig U	Mol Cell. 2004 May 21;14(4):501-13.	2004	2004/5/20	15149599
3031	A G-quadruplex telomere targeting agent produces p16-associated senescence and chromosomal fusions in human prostate cancer cells	Incles CM	Mol Cancer Ther. 2004 Oct;3(10):1201-6.	2004	2004/10/16	15486186
3032	Engineering anticancer T cells for extended functional longevity	Pawelec G	Ann N Y Acad Sci. 2004 Jun;1019:178-85.	2004	2004/7/13	15247010
3033	Heterozygous telomerase deficiency in mouse and man: when less is definitely not more	Mason PJ	Cell Cycle. 2004 Sep;3(9):1127-9. Epub 2004 Sep 23.	2004	2004/8/25	15326392
3034	Sister chromatid separation at human telomeric regions	Yalon M	J Cell Sci. 2004 Apr 15;117(Pt 10):1961-70.	2004	2004/3/25	15039457
3035	Using DNA damage responses to prevent and treat skin cancers	Gilchrest BA	J Dermatol. 2004 Nov;31(11):862-77.	2004	2005/2/26	15729858
3036	Statins enhance migratory capacity by upregulation of the telomere repeat-binding factor TRF2 in endothelial progenitor cells	Spyridopoulos I	Circulation. 2004 Nov 9;110(19):3136-42.	2004	2004/11/3	15520325

3037	Prevention of critical telomere shortening by oestradiol in human normal hepatic cultured cells and carbon tetrachloride induced rat liver fibrosis	Sato R	Gut. 2004 Jul;53(7):1001-9.	2004	2004/6/15	15194652
3038	DNA damage checkpoint kinase Chk2 triggers replicative senescence	Gire V	EMBO J. 2004 Jul 7;23(13):2554-63.	2004	2004/6/12	15192702
3039	Telomerase immortalization of human neural progenitor cells	Bai Y	Neuroreport. 2004 Feb 9;15(2):245-9.	2004	2004/4/13	15076745
3040	Stress-induced premature senescence in hTERT-expressing ataxia telangiectasia fibroblasts	Naka K	J Biol Chem. 2004 Jan 16;279(3):2030-7.	2004	2003/10/23	14570874
3041	Manipulating mouse telomeres: models of tumorigenesis and aging	Xin Z	Cytogenet Genome Res. 2004;105(2-4):471-8.	2004	2004/7/9	15237236
3042	Effects of telomerase modulation in human hematopoietic progenitor cells	Zimmermann S	Stem Cells. 2004;22(5):741-9.	2004	2004/9/3	15342938
3043	Telomerase regulation and progressive telomere shortening of rat hepatic stem-like epithelial cells during in vitro aging	Oh BK	Exp Cell Res. 2004 Aug 15;298(2):445-54.	2004	2004/7/22	15265692
3044	Impact of telomerase ablation on organismal viability, aging, and tumorigenesis in mice lacking the DNA repair proteins PARP-1, Ku86, or DNA-PKcs	Espejel S	J Cell Biol. 2004 Nov 22;167(4):627-38.	2004	2004/11/17	15545322
3045	Growth, telomere dynamics and successful and unsuccessful human aging	Aviv A	Mech Ageing Dev. 2003 Jul;124(7):829-37.	2003	2003/7/24	12875746
3046	The role of stem cells in aging	Van Zant G	Exp Hematol. 2003 Aug;31(8):659-72.	2003	2003/8/7	12901970
3047	Living forever and dying in the attempt	Hayflick L	Exp Gerontol. 2003 Nov-Dec;38(11-12):1231-41.	2003	2003/12/31	14698802
3048	Invited review: Theories of aging	Weinert BT	J Appl Physiol (1985). 2003 Oct;95(4):1706-16.	2003	2003/9/13	12970376
3049	3rd Geneva aging workshop 2002: cancer, apoptosis and aging	Irminger-Finger I	Biochim Biophys Acta. 2003 Jun 5;1653(1):41-5.	2003	2003/6/5	12781370
3050	[Redusome aging: commentaries]	Olovnikov AM	Adv Gerontol. 2003;12:28-45.	2003	2004/1/28	14743600
3051	Telomeres shorten with age in rat cerebellum and cortex in vivo	Flanary BE	J Anti Aging Med. 2003;6(4):299-308.	2003	2004/5/15	15142431
3052	Modelling cellular senescence as a result of telomere state	Proctor CJ	Aging Cell. 2003 Jun;2(3):151-7.	2003	2003/7/29	12882407

3053	The redusome hypothesis of aging and the control of biological time during individual development	Olovnikov AM	Biochemistry (Mosc). 2003 Jan;68(1):2-33.	2003	2003/4/16	12693973
3054	The natural history of telomeres: tools for aging animals and exploring the aging process	Vleck CM	Exp Gerontol. 2003 Jul;38(7):791-5.	2003	2003/7/12	12855289
3055	Proliferative lifespan is conserved after nuclear transfer	Clark AJ	Nat Cell Biol. 2003 Jun;5(6):535-8.	2003	2003/5/10	12738962
3056	[Is death biologically inevitable?]	Saksela E	Duodecim. 2003;119(13):1245-53.	2003	2003/8/12	12908188
3057	Telomeres shorten more slowly in long-lived birds and mammals than in short-lived ones	Haussmann MF	Proc Biol Sci. 2003 Jul 7;270(1522):1387-92.	2003	2003/9/11	12965030
3058	Telomere dysfunction and the initiation of genome instability	Feldser DM	Nat Rev Cancer. 2003 Aug;3(8):623-7.	2003	2003/8/2	12894250
3059	Biogerontology research in Spain	Solana R	Exp Gerontol. 2003 Aug;38(8):819-24.	2003	2003/8/14	12915203
3060	[Study on the dynamic changing profiles of telomeric restricted fragment length among sex balanced different age groups]	Ge LL	Fa Yi Xue Za Zhi. 2003;19(4):201-3.	2003	2003/12/16	14671797
3061	Calibrating the telomere clock in common terns, Sterna hirundo	Haussmann MF	Exp Gerontol. 2003 Jul;38(7):787-9.	2003	2003/7/12	12855288
3062	Age estimation in dental pulp DNA based on human telomere shortening	Takasaki T	Int J Legal Med. 2003 Aug;117(4):232-4.	2003	2003/7/3	12838429
3063	[Telomeres are not a key to eternal life]	Viidik A	Lakartidningen. 2003 Jul 24;100(30-31):2468.	2003	2003/8/14	12914150
3064	[Every man desires to live long, but no one would be old]	Tratner I	Med Sci (Paris). 2003 Dec;19(12):1291-2.	2003	2003/12/24	14691756
3065	Ageing and telomeres: a study into organ- and gender-specific telomere shortening	Cherif H	Nucleic Acids Res. 2003 Mar 1;31(5):1576-83.	2003	2003/2/22	12595567
3066	Genes of aging	Hamet P	Metabolism. 2003 Oct;52(10 Suppl 2):5-9.	2003	2003/10/25	14577056
3067	Maintenance of aphid clonal lineages: images of immortality?	Loxdale HD	Infect Genet Evol. 2003 Nov;3(4):259-69.	2003	2003/11/26	14636687
3068	An in silico investigation into the causes of telomere length heterogeneity and its implications for the Hayflick limit	Golubev A	J Theor Biol. 2003 Nov 21;225(2):153-70.	2003	2003/10/25	14575650

3069	Telomere length and telomerase activity: effect of ageing on human NK cells	Mariani E	Mech Ageing Dev. 2003 Apr;124(4):403-8.	2003	2003/4/26	12714246
3070	Telomeres, telomerase, and telomerase inhibition: clinical implications for cancer	Ahmed A	J Am Geriatr Soc. 2003 Jan;51(1):116-22.	2003	2003/1/22	12534855
3071	The pattern of chromosome-specific variations in telomere length in humans is determined by inherited, telomere-near factors and is maintained throughout life	Graakjaer J	Mech Ageing Dev. 2003 May;124(5):629-40.	2003	2003/5/9	12735903
3072	Stem cell exhaustion and atherosclerosis	Brown RL	J Anti Aging Med. 2003;6(3):279; discussion 280.	2003	2004/2/28	14987439
3073	Telomeres in cancer and aging: lessons from the mouse	Blasco MA	Cancer Lett. 2003 May 15;194(2):183-8.	2003	2003/5/22	12757976
3074	Will cloned animals suffer premature aging--the story at the end of clones' chromosomes	Xu J	Reprod Biol Endocrinol. 2003 Nov 14;1:105.	2003	2003/11/18	14617371
3075	Assessment of telomere length and factors that contribute to its stability	Saldanha SN	Eur J Biochem. 2003 Feb;270(3):389-403.	2003	2003/1/25	12542689
3076	Strategies for engineered negligible senescence	Gray DA	Sci Aging Knowledge Environ. 2003 Nov 5;2003(44):pe30.	2003	2003/11/7	14603036
3077	Aging and genome maintenance: lessons from the mouse?	Hasty P	Science. 2003 Feb 28;299(5611):1355-9.	2003	2003/3/1	12610296
3078	Surprise ending	Sedivy JM	Nat Genet. 2003 Feb;33(2):114-6.	2003	2003/2/1	12560815
3079	Reproductive cloning conserves cellular senescence	Sedivy JM	Nat Cell Biol. 2003 Jun;5(6):495-6.	2003	2003/5/31	12776121
3080	Erosion of the telomeric single-strand overhang at replicative senescence	Stewart SA	Nat Genet. 2003 Apr;33(4):492-6.	2003	2003/3/26	12652299
3081	Relief of oxidative stress by ascorbic acid delays cellular senescence of normal human and Werner syndrome fibroblast cells	Kashino G	Free Radic Biol Med. 2003 Aug 15;35(4):438-43.	2003	2003/8/6	12899945
3082	Measurement of telomere length on tissue sections using quantitative fluorescence in situ hybridization (Q-FISH)	Ferlicot S	J Pathol. 2003 Aug;200(5):661-6.	2003	2003/8/5	12898604
3083	Cell senescence in rat kidneys in vivo increases with growth and age despite lack of telomere shortening	Melk A	Kidney Int. 2003 Jun;63(6):2134-43.	2003	2003/5/20	12753300
3084	Mammalian telomeres and telomerase: why they matter for cancer and aging	Blasco MA	Eur J Cell Biol. 2003 Sep;82(9):441-6.	2003	2003/10/30	14582532

3085	Cellular turnover of normal gastrointestinal epithelium assessed by changes in telomeric: total DNA signal ratios	Craig WL	Eur J Gastroenterol Hepatol. 2003 Nov;15(11):1195-201.	2003	2003/10/16	14560153
3086	Association between telomere length in blood and mortality in people aged 60 years or older	Cawthon RM	Lancet. 2003 Feb 1;361(9355):393-5.	2003	2003/2/8	12573379
3087	A cohort study of telomere and telomerase biology in cats	McKevitt TP	Am J Vet Res. 2003 Dec;64(12):1496-9.	2003	2003/12/16	14672427
3088	Cellular senescence, an unpopular yet trustworthy tumor suppressor mechanism	Ishikawa F	Cancer Sci. 2003 Nov;94(11):944-7.	2003	2003/11/13	14611669
3089	Telomere shortening does not occur during postmaturational aging in situ in normal human oral fibroblasts	Kang MK	Mech Ageing Dev. 2003 Aug-Sep;124(8-9):873-6.	2003	2003/9/23	14499491
3090	Replicative senescence and the art of counting	Von Zglinicki T	Exp Gerontol. 2003 Nov-Dec;38(11-12):1259-64.	2003	2003/12/31	14698805
3091	Aging is associated with decreased maximal life span and accelerated senescence of bone marrow stromal cells	Stenderup K	Bone. 2003 Dec;33(6):919-26.	2003	2003/12/18	14678851
3092	Telomere shortening in cultured autografts of patients with burns	Counter CM	Lancet. 2003 Apr 19;361(9366):1345-6.	2003	2003/4/25	12711471
3093	Telomerase-independent proliferation is influenced by cell type in Saccharomyces cerevisiae	Lowell JE	Genetics. 2003 Jul;164(3):909-21.	2003	2003/7/23	12871903
3094	[Liver and ageing: clinical aspects]	Plat A	Gastroenterol Clin Biol. 2003 May;27(5):540-7.	2003	2003/7/5	12843919
3095	[Endothelial cell senescence in human atherosclerosis: role of telomeres in endothelial dysfunction]	Minamino T	J Cardiol. 2003 Jan;41(1):39-40.	2003	2003/2/5	12564113
3096	Telomerase, telomerase inhibition, and cancer	Ahmed A	J Anti Aging Med. 2003;6(4):315-25.	2003	2004/5/15	15142433
3097	Telomerase as a growth-promoting factor	Gorbunova V	Cell Cycle. 2003 Nov-Dec;2(6):534-7.	2003	2003/9/25	14504469
3098	Mouse models for telomere and telomerase biology	Cheong C	Exp Mol Med. 2003 Jun 30;35(3):141-53.	2003	2003/7/15	12858012
3099	Telomerase and the aging heart	Heist EK	Sci Aging Knowledge Environ. 2003 May 14;2003(19):PE11.	2003	2003/7/8	12844532
3100	A lack of telomeric non-reciprocal recombination (TENOR) may account for the premature proliferation blockade of Werner's syndrome fibroblasts	Hasenmaile S	Biogerontology. 2003;4(5):253-73.	2003	2003/11/18	14618024

3101	Telomeres in hematopoietic stem cells	Baerlocher GM	Ann N Y Acad Sci. 2003 May;996:44-8.	2003	2003/6/12	12799281
3102	Loss of bone marrow-derived vascular progenitor cells leads to inflammation and atherosclerosis	Goldschmidt-Clermont PJ	Am Heart J. 2003 Oct;146(4 Suppl):S5-12.	2003	2003/10/18	14564300
3103	Telomere shortening of peripheral blood mononuclear cells in coronary disease patients with metabolic disorders	Obana N	Intern Med. 2003 Feb;42(2):150-3.	2003	2003/3/15	12636233
3104	Extensive allelic variation and ultrashort telomeres in senescent human cells	Baird DM	Nat Genet. 2003 Feb;33(2):203-7.	2003	2003/1/23	12539050
3105	Catalytically active human telomerase mutants with allele-specific biological properties	Kim M	Exp Cell Res. 2003 Aug 15;288(2):277-87.	2003	2003/8/14	12915119
3106	MitoQ counteracts telomere shortening and elongates lifespan of fibroblasts under mild oxidative stress	Saretzki G	Aging Cell. 2003 Apr;2(2):141-3.	2003	2003/7/29	12882327
3107	The way to the end matters--the role of telomerase in tumor progression	Bertuch AA	Cell Cycle. 2003 Jan-Feb;2(1):36-8.	2003	2003/4/16	12695685
3108	Telomere dysfunction and Atm deficiency compromises organ homeostasis and accelerates ageing	Wong KK	Nature. 2003 Feb 6;421(6923):643-8.	2003	2003/1/24	12540856
3109	Developmental differences in the immortalization of lung fibroblasts by telomerase	Forsyth NR	Aging Cell. 2003 Oct;2(5):235-43.	2003	2003/10/23	14570231
3110	Homologous recombination in human telomerase-positive and ALT cells occurs with the same frequency	Bechter OE	EMBO Rep. 2003 Dec;4(12):1138-43.	2003	2003/11/18	14618159
3111	In vitro aging of macaque adherent cells: similar pattern of cellular aging between human and macaque	Shimizu Y	Mech Ageing Dev. 2003 Feb;124(2):237-44.	2003	2003/3/14	12633944
3112	Extracellular superoxide dismutase is a major antioxidant in human fibroblasts and slows telomere shortening	Serra V	J Biol Chem. 2003 Feb 28;278(9):6824-30.	2003	2002/12/12	12475988
3113	Evidence that exposure of the telomere 3' overhang sequence induces senescence	Li GZ	Proc Natl Acad Sci U S A. 2003 Jan 21;100(2):527-31.	2003	2003/1/8	12515865
3114	Anti-aging medicine literaturewatch		J Anti Aging Med. 2003 Spring;6(1):45-64.	2003	2003/9/16	12971397
3115	Normalization of previously shortened telomere length under treatment with imatinib argues against a preexisting telomere length deficit in normal hematopoietic stem cells from patients with chronic myeloid leukemia	Brummendorf TH	Ann N Y Acad Sci. 2003 May;996:26-38.	2003	2003/6/12	12799279
3116	Interleukin-1 receptor antagonist (IL-1RN) genotype modulates the replicative capacity of human endothelial cells	Dewberry RM	Circ Res. 2003 Jun 27;92(12):1285-7.	2003	2003/5/24	12764021

3117	Resistance to senescence induction and telomere shortening by a G-quadruplex ligand inhibitor of telomerase	Gomez D	Cancer Res. 2003 Oct 1;63(19):6149-53.	2003	2003/10/16	14559794
3118	Telomere shortening in leukocyte subpopulations from baboons	Baerlocher GM	J Leukoc Biol. 2003 Feb;73(2):289-96.	2003	2003/1/30	12554806
3119	Telomeres in the chicken: genome stability and chromosome ends	Delany ME	Poult Sci. 2003 Jun;82(6):917-26.	2003	2003/6/24	12817446
3120	[Anti-aging. Facts and visions]	Schürer NY	Hautarzt. 2003 Sep;54(9):833-8.	2003	2003/9/5	12955260
3121	Telomeres and telomerases in cancer	Novak KD	MedGenMed. 2003 Jan 23;5(1):21.	2003	2003/6/27	12827082
3122	Telomere shortening: significant for keratinocyte grafting?	Navsaria HA	Lancet. 2003 Apr 19;361(9366):1316-7.	2003	2003/4/25	12711463
3123	Telomere-based proliferative lifespan barriers in Werner-syndrome fibroblasts involve both p53-dependent and p53-independent mechanisms	Davis T	J Cell Sci. 2003 Apr 1;116(Pt 7):1349-57.	2003	2003/3/5	12615976
3124	Keratinocyte growth conditions modulate telomerase expression, senescence, and immortalization by human papillomavirus type 16 E6 and E7 oncogenes	Fu B	Cancer Res. 2003 Nov 15;63(22):7815-24.	2003	2003/11/25	14633708
3125	A DNA damage checkpoint response in telomere-initiated senescence	d'Adda di Fagagna F	Nature. 2003 Nov 13;426(6963):194-8.	2003	2003/11/11	14608368
3126	Telomere repeat binding factors: keeping the ends in check	Karlseder J	Cancer Lett. 2003 May 15;194(2):189-97.	2003	2003/5/22	12757977
3127	Stable telomere length and telomerase expression from naïve to memory B-lymphocyte differentiation	Son NH	Mech Ageing Dev. 2003 Apr;124(4):427-32.	2003	2003/4/26	12714249
3128	White cell telomere length and risk of premature myocardial infarction	Brouilette S	Arterioscler Thromb Vasc Biol. 2003 May 1;23(5):842-6.	2003	2003/3/22	12649083
3129	Equine telomeres and telomerase in cellular immortalisation and ageing	Argyle D	Mech Ageing Dev. 2003 Jun;124(6):759-64.	2003	2003/6/5	12782419
3130	Telomere shortening and cellular senescence in a model of chronic renal allograft rejection	Joosten SA	Am J Pathol. 2003 Apr;162(4):1305-12.	2003	2003/3/26	12651622
3131	Normal telomere lengths of spermatozoa in somatic cell-cloned bulls	Miyashita N	Theriogenology. 2003 Apr 1;59(7):1557-65.	2003	2003/2/1	12559460
3132	Different rates of telomere shortening and telomerase activity reduction in CD8 T and CD16 NK lymphocytes with ageing	Mariani E	Exp Gerontol. 2003 Jun;38(6):653-9.	2003	2003/6/20	12814800

3133	Telomere stability correlates with longevity of human beings exposed to ionizing radiations	Sharma GG	Oncol Rep. 2003 Nov-Dec;10(6):1733-6.	2003	2003/10/10	14534687
3134	An introduction to telomeres and telomerase	Bibby MC	Mol Biotechnol. 2003 Jul;24(3):295-301.	2003	2003/6/5	12777695
3135	Telomere-driven replicative senescence is a stress response	von Zglinicki T	Nat Biotechnol. 2003 Mar;21(3):229-30.	2003	2003/3/1	12610563
3136	The Rad51 pathway of telomerase-independent maintenance of telomeres can amplify TG1-3 sequences in yku and cdc13 mutants of Saccharomyces cerevisiae	Grandin N	Mol Cell Biol. 2003 Jun;23(11):3721-34.	2003	2003/5/16	12748277
3137	Decreased tumorigenicity in vivo when transforming growth factor beta treatment causes cancer cell senescence	Katakura Y	Biosci Biotechnol Biochem. 2003 Apr;67(4):815-21.	2003	2003/6/6	12784623
3138	Telomere length and the expression of natural telomeric genes in human fibroblasts	Ning Y	Hum Mol Genet. 2003 Jun 1;12(11):1329-36.	2003	2003/5/23	12761048
3139	In vitro aging of rat lung cells. Downregulation of telomerase activity and continuous decrease of telomere length are not incompatible with malignant transformation	Petitot F	Exp Cell Res. 2003 May 15;286(1):30-9.	2003	2003/5/6	12729792
3140	Molecular biology of hematopoietic stem cells	Steidl U	Vitam Horm. 2003;66:1-28.	2003	2003/7/11	12852251
3141	Karyotype instability and anchorage-independent growth in telomerase-immortalized fibroblasts from two centenarian individuals	Mondello C	Biochem Biophys Res Commun. 2003 Sep 5;308(4):914-21.	2003	2003/8/21	12927806
3142	Evidence that high telomerase activity may induce a senescent-like growth arrest in human fibroblasts	Gorbunova V	J Biol Chem. 2003 Feb 28;278(9):7692-8.	2003	2002/12/24	12496279
3143	The role of replicative senescence in chronic allograft nephropathy	Ferlicot S	Hum Pathol. 2003 Sep;34(9):924-8.	2003	2003/10/17	14562289
3144	Telomerase can extend the proliferative capacity of human myoblasts, but does not lead to their immortalization	Di Donna S	Mol Cancer Res. 2003 Jul;1(9):643-53.	2003	2003/7/16	12861050
3145	Demethylation of the human telomerase catalytic subunit (hTERT) gene promoter reduced hTERT expression and telomerase activity and shortened telomeres	Guilleret I	Exp Cell Res. 2003 Oct 1;289(2):326-34.	2003	2003/9/23	14499633
3146	Telomerase: a potential diagnostic and therapeutic tool in canine oncology	Argyle DJ	Vet Pathol. 2003 Jan;40(1):1-7.	2003	2003/3/12	12627707
3147	Human epithelial cell immortalization as a step in carcinogenesis	Stampfer MR	Cancer Lett. 2003 May 15;194(2):199-208.	2003	2003/5/22	12757978
3148	Candidate chromosomal regions for genes involved in activation of alternative lengthening of telomeres in human immortal cell lines	Shigeeda N	Exp Gerontol. 2003 Jun;38(6):641-51.	2003	2003/6/20	12814799

3149	In vitro expansion of human hepatocytes is restricted by telomere-dependent replicative aging	Wege H	Cell Transplant. 2003;12(8):897-906.	2003	2004/2/7	14763510
3150	Haploinsufficiency of hTERT leads to telomere dysfunction and radiosensitivity in human cancer cells	Hauguel T	Cancer Biol Ther. 2003 Nov-Dec;2(6):679-84.	2003	2003/12/23	14688476
3151	The role of chondrocyte senescence in the pathogenesis of osteoarthritis and in limiting cartilage repair	Martin JA	J Bone Joint Surg Am. 2003;85-A Suppl 2:106-10.	2003	2003/5/2	12721352
3152	Telomere length measurement and determination of immunosenescence-related markers (CD28, CD45RO, CD45RA, interferon-gamma and interleukin-4) in skin-homing T cells expressing the cutaneous lymphocyte antigen: indication of a non-ageing T-cell subset	Neuber K	Immunology. 2003 May;109(1):24-31.	2003	2003/4/24	12709014
3153	A P53-dependent, telomere-independent proliferative life span barrier in human astrocytes consistent with the molecular genetics of glioma development	Evans RJ	Cancer Res. 2003 Aug 15;63(16):4854-61.	2003	2003/8/28	12941806
3154	[Telomerization as a method of obtaining immortal human cells preserving normal properties]	Egorov EE	Ontogenez. 2003 May-Jun;34(3):183-92.	2003	2003/6/21	12816049
3155	Evidence of multifocality of telomere erosion in high-grade prostatic intraepithelial neoplasia (HPIN) and concurrent carcinoma	Vukovic B	Oncogene. 2003 Apr 3;22(13):1978-87.	2003	2003/4/4	12673203
3156	Immortalization of bovine capillary endothelial cells by hTERT alone involves inactivation of endogenous p16INK4A/pRb	Veitonmäki N	FASEB J. 2003 Apr;17(6):764-6.	2003	2003/2/15	12586745
3157	Overexpression of telomerase confers a survival advantage through suppression of TRF1 gene expression while maintaining differentiation characteristics in K562 cells	Yamada O	Cell Transplant. 2003;12(4):365-77.	2003	2003/8/13	12911124
3158	Understanding the progression of melanocytic neoplasia using genomic analysis: from fields to cancer	Bastian BC	Oncogene. 2003 May 19;22(20):3081-6.	2003	2003/6/6	12789284
3159	Immortal, telomerase-negative cell lines derived from a Li-Fraumeni syndrome patient exhibit telomere length variability and chromosomal and minisatellite instabilities	Tsutsui T	Carcinogenesis. 2003 May;24(5):953-65.	2003	2003/5/29	12771041
3160	Mitogen-activated protein kinase p38 defines the common senescence-signalling pathway	Iwasa H	Genes Cells. 2003 Feb;8(2):131-44.	2003	2003/2/13	12581156
3161	Shortening of telomeres: Evidence for replicative senescence of T cells derived from patients with Wegener's granulomatosis	Vogt S	Kidney Int. 2003 Jun;63(6):2144-51.	2003	2003/5/20	12753301
3162	An analysis of replicative senescence in dermal fibroblasts derived from chronic leg wounds predicts that telomerase therapy would fail to reverse their disease-specific cellular and proteolytic phenotype	Stephens P	Exp Cell Res. 2003 Feb 1;283(1):22-35.	2003	2003/2/5	12565817
3163	Thymic export function and T cell homeostasis in patients with relapsing remitting multiple sclerosis	Hug A	J Immunol. 2003 Jul 1;171(1):432-7.	2003	2003/6/21	12817027
3164	Identification of a quinoxaline derivative that is a potent telomerase inhibitor leading to cellular senescence of human cancer cells	Kim JH	Biochem J. 2003 Jul 15;373(Pt 2):523-9.	2003	2003/4/12	12689331

3165	Premature telomeric loss in rheumatoid arthritis is genetically determined and involves both myeloid and lymphoid cell lineages	Schönland SO	Proc Natl Acad Sci U S A. 2003 Nov 11;100(23):13471-6.	2003	2003/10/28	14578453
3166	Senescing oral dysplasias are not immortalized by ectopic expression of hTERT alone without other molecular changes, such as loss of INK4A and/or retinoic acid receptor-beta; but p53 mutations are not necessarily required	Muntoni A	Oncogene. 2003 Oct 30;22(49):7804-8.	2003	2003/10/31	14586406
3167	A novel platinum compound inhibits telomerase activity in vitro and reduces telomere length in a human hepatoma cell line	Furuta M	Int J Cancer. 2003 May 10;104(6):709-15.	2003	2003/3/18	12640677
3168	Immortalisation of human ovarian surface epithelium with telomerase and temperature-sensitive SV40 large T antigen	Davies BR	Exp Cell Res. 2003 Aug 15;288(2):390-402.	2003	2003/8/14	12915130
3169	Telomerase alone extends the replicative life span of human skeletal muscle cells without compromising genomic stability	Wootton M	Hum Gene Ther. 2003 Oct 10;14(15):1473-87.	2003	2003/10/28	14577927
3170	Bypass of telomere-dependent replicative senescence (M1) upon overexpression of Cdk4 in normal human epithelial cells	Ramirez RD	Oncogene. 2003 Jan 23;22(3):433-44.	2003	2003/1/25	12545164
3171	Control of the replicative life span of human fibroblasts by p16 and the polycomb protein Bmi-1	Itahana K	Mol Cell Biol. 2003 Jan;23(1):389-401.	2003	2002/12/17	12482990
3172	Telomerase and telomere length in multiple myeloma: correlations with disease heterogeneity, cytogenetic status, and overall survival	Wu KD	Blood. 2003 Jun 15;101(12):4982-9.	2003	2003/3/1	12609839
3173	Aging of stromal-derived human breast fibroblasts might contribute to breast cancer progression	Martens JW	Thromb Haemost. 2003 Feb;89(2):393-404.	2003	2003/2/8	12574821
3174	Replicative aging, telomeres, and oxidative stress	Saretzki G	Ann N Y Acad Sci. 2002 Apr;959:24-9.	2002	2002/4/27	11976182
3175	p53: good cop/bad cop	Sharpless NE	Cell. 2002 Jul 12;110(1):9-12.	2002	2002/8/2	12150992
3176	Cell senescence in human aging and disease	Fossel M	Ann N Y Acad Sci. 2002 Apr;959:14-23.	2002	2002/4/27	11976181
3177	Telomeres, aging and cancer: in search of a happy ending	Kim Sh SH	Oncogene. 2002 Jan 21;21(4):503-11.	2002	2002/2/19	11850775
3178	Telomere biology and the molecular basis of aging	Parwaresch R	Arkh Patol. 2002 May-Jun;64(3):37-9.	2002	2004/9/2	15338723
3179	Stress-induced premature senescence or stress-induced senescence-like phenotype: one in vivo reality, two possible definitions?	Toussaint O	ScientificWorldJournal. 2002 Jan 29;2:230-47.	2002	2003/6/14	12806055
3180	Telomeres, sex, reactive oxygen species, and human cardiovascular aging	Aviv A	J Mol Med (Berl). 2002 Nov;80(11):689-95.	2002	2002/11/19	12436345

3181	Mechanisms of aging	Yaar M	Arch Dermatol. 2002 Nov;138(11):1429-32.	2002	2002/11/20	12437447
3182	Genes, telomeres and mammalian ageing	Goyns MH	Mech Ageing Dev. 2002 Apr;123(7):791-9.	2002	2002/3/1	11869736
3183	Mouse models to study the role of telomeres in cancer, aging and DNA repair	Blasco MA	Eur J Cancer. 2002 Nov;38(17):2222-8.	2002	2002/11/21	12441258
3184	From the Hayflick mosaic to the mosaics of ageing. Role of stress-induced premature senescence in human ageing	Toussaint O	Int J Biochem Cell Biol. 2002 Nov;34(11):1415-29.	2002	2002/8/30	12200036
3185	[Biomarkers of aging]	Ma H	Sheng Li Ke Xue Jin Zhan. 2002 Jan;33(1):65-8.	2002	2002/5/11	12001737
3186	Telomere-based therapy for immunosenescence	Lord JM	Trends Immunol. 2002 Apr;23(4):175-6.	2002	2002/3/30	11923106
3187	Aging: from radiant youth to an abrupt end	Rothman JH	Curr Biol. 2002 Apr 2;12(7):R239-41.	2002	2002/4/9	11937038
3188	TPE or not TPE? It's no longer a question	Wood JG	Trends Pharmacol Sci. 2002 Jan;23(1):1-4.	2002	2002/1/24	11804639
3189	Estimating age of humans based on telomere shortening	Tsuji A	Forensic Sci Int. 2002 May 23;126(3):197-9.	2002	2002/6/14	12062940
3190	Pharmacological approaches to defining the role of chaperones in aging and prostate cancer progression	Harvey SA	Cell Stress Chaperones. 2002 Apr;7(2):230-4.	2002	2002/10/17	12380692
3191	Profile. Maria Blasco. Interview by Laura Spinney	Blasco M	Trends Cell Biol. 2002 Oct;12(10):489.	2002	2002/11/21	12441254
3192	Many ways to telomere dysfunction: in vivo studies using mouse models	Goytisolo FA	Oncogene. 2002 Jan 21;21(4):584-91.	2002	2002/2/19	11850783
3193	Human fibroblasts in vitro senesce with a donor-specific telomere length	Serra V	FEBS Lett. 2002 Apr 10;516(1-3):71-4.	2002	2002/4/18	11959106
3194	Telomerase in cancer and aging	Granger MP	Crit Rev Oncol Hematol. 2002 Jan;41(1):29-40.	2002	2002/2/14	11796230
3195	Replicative senescence and senescence-like state induced in cancer-derived cells	Hwang ES	Mech Ageing Dev. 2002 Nov;123(12):1681-94.	2002	2002/12/10	12470905
3196	Replicative senescence of hematopoietic stem cells during serial transplantation: does telomere shortening play a role?	Allsopp RC	Oncogene. 2002 May 13;21(21):3270-3.	2002	2002/5/29	12032768

3197	Aging of animals produced by somatic cell nuclear transfer	Kühholzer-Cabot B	Exp Gerontol. 2002 Dec;37(12):1317-23.	2002	2003/2/1	12559401
3198	The reserve-capacity hypothesis: evolutionary origins and modern implications of the trade-off between tumor-suppression and tissue-repair	Weinstein BS	Exp Gerontol. 2002 May;37(5):615-27.	2002	2002/3/23	11909679
3199	Oxidative stress shortens telomeres	von Zglinicki T	Trends Biochem Sci. 2002 Jul;27(7):339-44.	2002	2002/7/13	12114022
3200	Telomere shortening in hematopoietic stem cell transplantation: a potential mechanism for late graft failure?	Awaya N	Biol Blood Marrow Transplant. 2002;8(11):597-600.	2002	2002/12/5	12463478
3201	Senescence, telomere shortening and telomere maintenance	Hahn WC	Cancer Biol Ther. 2002 Jul-Aug;1(4):398-400.	2002	2002/11/15	12432254
3202	Molecular gerontology	Kirkwood TB	J Inherit Metab Dis. 2002 May;25(3):189-96.	2002	2002/7/26	12137227
3203	Telomere lengths in dogs decrease with increasing donor age	McKevitt TP	J Nutr. 2002 Jun;132(6 Suppl 2):1604S-6S.	2002	2002/6/4	12042469
3204	Healthy ageing: a question of stress, damage and repair. Meeting on mechanisms of biological ageing	Jansen-Dürr P	EMBO Rep. 2002 Dec;3(12):1127-32.	2002	2002/12/12	12475925
3205	Long-lived mutants, the rate of aging, telomeres and the germline in Caenorhabditis elegans	Bénard C	Mech Ageing Dev. 2002 Apr 30;123(8):869-80.	2002	2002/6/5	12044935
3206	Lineage-specific differences in telomere length after bone marrow transplantation	Li YH	Bone Marrow Transplant. 2002 Oct;30(7):475-7.	2002	2002/10/9	12368963
3207	Protection of mammalian telomeres	de Lange T	Oncogene. 2002 Jan 21;21(4):532-40.	2002	2002/2/19	11850778
3208	New science for an old problem	Kirkwood TB	Trends Genet. 2002 Sep;18(9):441-2.	2002	2002/8/15	12175799
3209	Telomere dynamics, aneuploidy, stem cells, and cancer (review)	Pathak S	Int J Oncol. 2002 Mar;20(3):637-41.	2002	2002/2/12	11836581
3210	Role of telomere in endothelial dysfunction in atherosclerosis	Minamino T	Curr Opin Lipidol. 2002 Oct;13(5):537-43.	2002	2002/9/28	12352018
3211	Telomerase inhibitors as anticancer therapy	Akiyama M	Curr Med Chem Anticancer Agents. 2002 Sep;2(5):567-75.	2002	2003/4/8	12678724
3212	Tiptoeing to chromosome tips: facts, promises and perils of today's human telomere biology	Fajkus J	Philos Trans R Soc Lond B Biol Sci. 2002 Apr 29;357(1420):545-62.	2002	2002/5/25	12028791

3213	Different telomere damage signaling pathways in human and mouse cells	Smogorzewska A	EMBO J. 2002 Aug 15;21(16):4338-48.	2002	2002/8/10	12169636
3214	Remarkable differences in telomere lengths among cloned cattle derived from different cell types	Miyashita N	Biol Reprod. 2002 Jun;66(6):1649-55.	2002	2002/5/22	12021043
3215	[Fundamental aspects of extreme aging]	Tréton J	J Mal Vasc. 2002 Jul;27 Spec No:S19-23.	2002	2003/2/25	12596689
3216	A single-stage mechanism controls replicative senescence through Sudden Senescence Syndrome	Rubelj I	Biogerontology. 2002;3(4):213-22.	2002	2002/9/17	12232503
3217	Telomere shortening with aging in human thyroid and parathyroid tissue	Kammori M	Exp Gerontol. 2002 Apr;37(4):513-21.	2002	2002/2/7	11830354
3218	Chondrocyte senescence and telomere regulation: implications in cartilage aging and cancer (a brief review)	Mollano AV	Iowa Orthop J. 2002;22:1-7.	2002	2002/8/16	12180600
3219	[Unavoidable death and quest for immortality]	Sans-Sabrafen J	Med Clin (Barc). 2002 Jun 22;119(3):99-102.	2002	2002/7/11	12106538
3220	Cell senescence and telomere shortening induced by a new series of specific G-quadruplex DNA ligands	Riou JF	Proc Natl Acad Sci U S A. 2002 Mar 5;99(5):2672-7.	2002	2002/2/21	11854467
3221	Immunosenescence phenotypes in the telomerase knockout mouse	Blasco MA	Springer Semin Immunopathol. 2002;24(1):75-85.	2002	2002/4/27	11974584
3222	Regenerative potential of human skeletal muscle during aging	Renault V	Aging Cell. 2002 Dec;1(2):132-9.	2002	2003/7/29	12882343
3223	The telomeric length and heterogeneity decrease with age in normal human oral keratinocytes	Kang MK	Mech Ageing Dev. 2002 Mar 31;123(6):585-92.	2002	2002/2/19	11850022
3224	Human chondrocyte senescence and osteoarthritis	Martin JA	Biorheology. 2002;39(1-2):145-52.	2002	2002/6/26	12082277
3225	Aging, articular cartilage chondrocyte senescence and osteoarthritis	Martin JA	Biogerontology. 2002;3(5):257-64.	2002	2002/9/19	12237562
3226	Reversible manipulation of telomerase expression and telomere length. Implications for the ionizing radiation response and replicative senescence of human cells	Rubio MA	J Biol Chem. 2002 Aug 9;277(32):28609-17.	2002	2002/5/30	12034742
3227	Immortalisation and transformation revisited	Drayton S	Curr Opin Genet Dev. 2002 Feb;12(1):98-104.	2002	2002/1/16	11790562
3228	Induction of cellular senescence in a telomerase negative human immortal fibroblast cell line, LCS-AF.1-3, by human chromosome 6	Kumata M	Int J Oncol. 2002 Oct;21(4):851-6.	2002	2002/9/20	12239626

3229	Longitudinal studies of telomere length in feline blood cells: implications for hematopoietic stem cell turnover in vivo	Brümmendorf TH	Exp Hematol. 2002 Oct;30(10):1147-52.	2002	2002/10/18	12384145
3230	Chronology versus biology: telomeres, essential hypertension, and vascular aging	Aviv A	Hypertension. 2002 Sep;40(3):229-32.	2002	2002/9/7	12215458
3231	Empty pockets yield more telomere change	Hahn WC	Cell Cycle. 2002 Nov-Dec;1(6):406-7.	2002	2003/1/28	12548015
3232	The DNA polymerase domain of pol(epsilon) is required for rapid, efficient, and highly accurate chromosomal DNA replication, telomere length maintenance, and normal cell senescence in Saccharomyces cerevisiae	Ohya T	J Biol Chem. 2002 Aug 2;277(31):28099-108.	2002	2002/5/17	12015307
3233	Senescence induced by altered telomere state, not telomere loss	Karlseder J	Science. 2002 Mar 29;295(5564):2446-9.	2002	2002/3/30	11923537
3234	Human dermal fibroblasts escape from the long-term phenocopy of senescence induced by psoralen photoactivation	Ma W	Exp Cell Res. 2002 Apr 1;274(2):299-309.	2002	2002/3/20	11900490
3235	Cellular senescence and tissue aging in vivo	Hornsby PJ	J Gerontol A Biol Sci Med Sci. 2002 Jul;57(7):B251-6.	2002	2002/6/27	12084795
3236	Multiple levels of telomerase regulation	Stewart SA	Mol Interv. 2002 Dec;2(8):481-3.	2002	2004/3/3	14993399
3237	Telomeres. Chromosome end game draws a crowd	Marx J	Science. 2002 Mar 29;295(5564):2348-51.	2002	2002/3/30	11923504
3238	Hepatocyte telomere shortening and senescence are general markers of human liver cirrhosis	Wiemann SU	FASEB J. 2002 Jul;16(9):935-42.	2002	2002/6/28	12087054
3239	Stabilization of telomere length and karyotypic stability are directly correlated with the level of hTERT gene expression in primary fibroblasts	Cui W	J Biol Chem. 2002 Oct 11;277(41):38531-9.	2002	2002/7/18	12122013
3240	Genetics of cellular senescence	Tominaga K	Mech Ageing Dev. 2002 Apr 30;123(8):927-36.	2002	2002/6/5	12044941
3241	Replication and/or separation of some human telomeres is delayed beyond S-phase in pre-senescent cells	Ofir R	Chromosoma. 2002 Sep;111(3):147-55.	2002	2002/10/2	12355203
3242	[Osteogenic potential of fibroblasts with reconstituted telomerase activity]	Wang Z	Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2002 May;16(3):200-4.	2002	2003/2/7	12569699
3243	Replicative senescence revisited	Marcotte R	J Gerontol A Biol Sci Med Sci. 2002 Jul;57(7):B257-69.	2002	2002/6/27	12084796
3244	Signaling on telomerase: a master switch in cell aging and immortalization	Li H	Biogerontology. 2002;3(1-2):107-16.	2002	2002/5/17	12014828

3245	Telomere and telomerase in oncology	Mu J	Cell Res. 2002 Mar;12(1):1-7.	2002	2002/4/11	11942406
3246	Methylation, copy number, and activity of ribosomal genes do not change after telomerization of human fibroblasts	Yegorov Y	Dokl Biochem Biophys. 2002 Sep-Oct;386:298-9.	2002	2002/12/10	12469513
3247	Stress-induced premature senescence in BJ and hTERT-BJ1 human foreskin fibroblasts	de Magalhães JP	FEBS Lett. 2002 Jul 17;523(1-3):157-62.	2002	2002/7/19	12123824
3248	Historical claims and current interpretations of replicative aging	Wright WE	Nat Biotechnol. 2002 Jul;20(7):682-8.	2002	2002/6/29	12089552
3249	The disparity between human cell senescence in vitro and lifelong replication in vivo	Rubin H	Nat Biotechnol. 2002 Jul;20(7):675-81.	2002	2002/6/29	12089551
3250	Endothelial cell senescence in human atherosclerosis: role of telomere in endothelial dysfunction	Minamino T	Circulation. 2002 Apr 2;105(13):1541-4.	2002	2002/4/3	11927518
3251	Telomerase rescues the expression levels of keratinocyte growth factor and insulin-like growth factor-II in senescent human fibroblasts	Kanzaki Y	Exp Cell Res. 2002 Oct 1;279(2):321-9.	2002	2002/9/24	12243757
3252	Replicative senescence in organ transplantation-mechanisms and significance	Chkhotua A	Transpl Immunol. 2002 May;9(2-4):165-71.	2002	2002/8/16	12180826
3253	Age-related telomere length dynamics in peripheral blood mononuclear cells of healthy cynomolgus monkeys measured by Flow FISH	Lee WW	Immunology. 2002 Apr;105(4):458-65.	2002	2002/5/3	11985666
3254	Induction of apoptosis by telomere 3' overhang-specific DNA	Eller MS	Exp Cell Res. 2002 Jun 10;276(2):185-93.	2002	2002/5/25	12027448
3255	Functional interaction between DNA-PKcs and telomerase in telomere length maintenance	Espejel S	EMBO J. 2002 Nov 15;21(22):6275-87.	2002	2002/11/12	12426399
3256	Cellular longevity: role of apoptosis and replicative senescence	Bree RT	Biogerontology. 2002;3(4):195-206.	2002	2002/9/17	12232501
3257	Hematopoietic cells and replicative senescence	Effros RB	Exp Gerontol. 2002 Jan-Mar;37(2-3):191-6.	2002	2002/1/5	11772503
3258	Constitutive telomerase expression promotes mammary carcinomas in aging mice	Artandi SE	Proc Natl Acad Sci U S A. 2002 Jun 11;99(12):8191-6.	2002	2002/5/30	12034875
3259	The role of chondrocyte senescence in osteoarthritis	Price JS	Aging Cell. 2002 Oct;1(1):57-65.	2002	2003/7/29	12882354
3260	Identification of telomere-dependent "senescence-like" arrest in mouse embryonic fibroblasts	Espejel S	Exp Cell Res. 2002 Jun 10;276(2):242-8.	2002	2002/5/25	12027454

3261	Telomere maintenance and cancer -- look, no telomerase	Neumann AA	Nat Rev Cancer. 2002 Nov;2(11):879-84.	2002	2002/11/5	12415258
3262	Telomeres in T and B cells	Hodes RJ	Nat Rev Immunol. 2002 Sep;2(9):699-706.	2002	2002/9/5	12209138
3263	Retroviral-mediated expression of telomerase in normal human cells provides a selective growth advantage	Forsythe HL	Int J Oncol. 2002 Jun;20(6):1137-43.	2002	2002/5/16	12011990
3264	A critical role for Pin2/TRF1 in ATM-dependent regulation. Inhibition of Pin2/TRF1 function complements telomere shortening, radiosensitivity, and the G(2)/M checkpoint defect of ataxia-telangiectasia cells	Kishi S	J Biol Chem. 2002 Mar 1;277(9):7420-9.	2002	2001/12/18	11744712
3265	Telomere maintenance in human B lymphocytes	Martens UM	Br J Haematol. 2002 Dec;119(3):810-8.	2002	2002/11/20	12437664
3266	Inhibition of silencing and accelerated aging by nicotinamide, a putative negative regulator of yeast sir2 and human SIRT1	Bitterman KJ	J Biol Chem. 2002 Nov 22;277(47):45099-107.	2002	2002/9/26	12297502
3267	Effect of BCL-2 down-regulation on cellular life span	Kumazaki T	Biogerontology. 2002;3(5):291-300.	2002	2002/9/19	12237565
3268	Senescence and epigenetic dysregulation in cancer	Neumeister P	Int J Biochem Cell Biol. 2002 Nov;34(11):1475-90.	2002	2002/8/30	12200040
3269	Adriamycin-induced senescence in breast tumor cells involves functional p53 and telomere dysfunction	Elmore LW	J Biol Chem. 2002 Sep 20;277(38):35509-15.	2002	2002/7/9	12101184
3270	Events in the immortalizing process of primary human mammary epithelial cells by the catalytic subunit of human telomerase	Kim H	Biochem J. 2002 Aug 1;365(Pt 3):765-72.	2002	2002/4/30	11978176
3271	Mitochondrial dysfunction leads to telomere attrition and genomic instability	Liu L	Aging Cell. 2002 Oct;1(1):40-6.	2002	2003/7/29	12882352
3272	[Telomerase: an enzyme with multiple applications in cancer research]	Castillo Ureta H	Rev Invest Clin. 2002 Jul-Aug;54(4):342-8.	2002	2002/11/6	12415959
3273	A two-stage, p16(INK4A)- and p53-dependent keratinocyte senescence mechanism that limits replicative potential independent of telomere status	Rheinwald JG	Mol Cell Biol. 2002 Jul;22(14):5157-72.	2002	2002/6/22	12077343
3274	Induction of global stress response in Saccharomyces cerevisiae cells lacking telomerase	Teng SC	Biochem Biophys Res Commun. 2002 Mar 1;291(3):714-21.	2002	2002/2/22	11855849
3275	Multiple stages of malignant transformation of human endothelial cells modelled by co-expression of telomerase reverse transcriptase, SV40 T antigen and oncogenic N-ras	MacKenzie KL	Oncogene. 2002 Jun 20;21(27):4200-11.	2002	2002/6/26	12082607
3276	Telomere biology and cellular aging in nonhuman primate cells	Steinert S	Exp Cell Res. 2002 Jan 15;272(2):146-52.	2002	2002/1/5	11777339

3277	Expression profiles of p53-, p16(INK4a)-, and telomere-regulating genes in replicative senescent primary human, mouse, and chicken fibroblast cells	Kim H	Exp Cell Res. 2002 Jan 15;272(2):199-208.	2002	2002/1/5	11777345
3278	Introduction to telomeres and telomerase	Bibby MC	Methods Mol Biol. 2002;191:1-12.	2002	2002/4/16	11951598
3279	Telomere biology in human aging and aging syndromes	Klapper W	Mech Ageing Dev. 2001 May 31;122(7):695-712.	2001	2001/4/27	11322993
3280	Cellular senescence, cancer and aging: the telomere connection	Campisi J	Exp Gerontol. 2001 Nov;36(10):1619-37.	2001	2001/10/24	11672984
3281	Biological timing and the clock metaphor: oscillatory and hourglass mechanisms	Rensing L	Chronobiol Int. 2001 May;18(3):329-69.	2001	2001/7/28	11475408
3282	Telomeres and replicative senescence: Is it only length that counts?	von Zglinicki T	Cancer Lett. 2001 Jul 26;168(2):111-6.	2001	2001/6/19	11403914
3283	Ageing and cancer: the telomere and telomerase connection	Shay JW	Novartis Found Symp. 2001;235:116-25; discussion 125-9, 146-9.	2001	2001/3/31	11280022
3284	Translating basic aging research into geriatric health care	Hamerman D	Exp Gerontol. 2001 Feb;36(2):193-203.	2001	2001/2/28	11226735
3285	Hypothesis: pulse pressure and human longevity	Aviv A	Hypertension. 2001 Apr;37(4):1060-6.	2001	2001/4/17	11304503
3286	Ageing: definitions, mechanisms and the magnitude of the problem	Balcombe NR	Best Pract Res Clin Gastroenterol. 2001 Dec;15(6):835-49.	2001	2002/2/28	11866480
3287	Cellular senescence as a tumor-protection mechanism: the essential role of counting	Wright WE	Curr Opin Genet Dev. 2001 Feb;11(1):98-103.	2001	2001/2/13	11163158
3288	Replicative mosaicism might explain the seeming contradictions in the telomere theory of aging	Mikhelson VM	Mech Ageing Dev. 2001 Sep 15;122(13):1361-5.	2001	2001/7/27	11470125
3289	Aging and systolic hypertension: cluster patterns and problem-solving strategies to answer the genetic riddle	Izzo JL Jr	Hypertension. 2001 Apr;37(4):1067-8.	2001	2001/4/17	11304504
3290	[The natural history of telomeres]	Golubev AG	Adv Gerontol. 2001;7:95-104.	2001	2001/10/5	11582772
3291	Immunoageing - the cause or effect of morbidity	Pawelec G	Trends Immunol. 2001 Jul;22(7):348-9.	2001	2001/8/17	11505929
3292	Response to "telomere shortening with aging in human liver"	de Grey A	J Gerontol A Biol Sci Med Sci. 2001 Jun;56(6):B237-8.	2001	2001/6/16	11407362

3293	[Molecular and cellular mechanisms of aging]	Muc-Wierzgoń M	Pol Arch Med Wewn. 2001 Apr;105(4):343-6.	2001	2002/1/5	11761808
3294	How long should telomeres be?	Aviv A	Curr Hypertens Rep. 2001 Apr;3(2):145-51.	2001	2001/3/29	11276397
3295	Reawakening the telomeres	Johnson N	Trends Genet. 2001 Aug;17(8):443.	2001	2001/8/4	11485815
3296	Telomere shortening and decline in replicative potential as a function of donor age in human adrenocortical cells	Yang L	Mech Ageing Dev. 2001 Oct;122(15):1685-94.	2001	2001/9/15	11557273
3297	All's well that ends well	Stewart JL	Trends Cell Biol. 2001 Jul;11(7):279-80.	2001	2001/6/20	11413022
3298	Age dependent aneuploidy and telomere length of the human vascular endothelium	Aviv H	Atherosclerosis. 2001 Dec;159(2):281-7.	2001	2001/12/4	11730807
3299	Simulated shortening of proliferation-restricting telomeres during clonal proliferation and senescence of human cells	Tan Z	Exp Gerontol. 2001 Jan;36(1):89-97.	2001	2001/2/13	11162914
3300	Radiation-induced senescence-like growth arrest requires TP53 function but not telomere shortening	Suzuki K	Radiat Res. 2001 Jan;155(1 Pt 2):248-253.	2001	2000/12/20	11121242
3301	From cells to organisms: can we learn about aging from cells in culture?	Campisi J	Exp Gerontol. 2001 Apr;36(4-6):607-18.	2001	2001/4/11	11295503
3302	Interplay between telomere length and telomerase in human leukocyte differentiation and aging	Weng N	J Leukoc Biol. 2001 Dec;70(6):861-7.	2001	2001/12/12	11739547
3303	Telomeres and telomerase: basic science implications for aging	Ahmed A	J Am Geriatr Soc. 2001 Aug;49(8):1105-9.	2001	2001/9/14	11555075
3304	Stress, DNA damage and ageing -- an integrative approach	von Zglinicki T	Exp Gerontol. 2001 Jul;36(7):1049-62.	2001	2001/6/19	11404050
3305	Putting the stress on senescence	Serrano M	Curr Opin Cell Biol. 2001 Dec;13(6):748-53.	2001	2001/11/8	11698192
3306	C. elegans clk-2, a gene that limits life span, encodes a telomere length regulator similar to yeast telomere binding protein Tel2p	Lim CS	Curr Biol. 2001 Oct 30;11(21):1706-10.	2001	2001/11/7	11696330
3307	The human melanocyte: a model system to study the complexity of cellular aging and transformation in non-fibroblastic cells	Bandyopadhyay D	Exp Gerontol. 2001 Aug;36(8):1265-75.	2001	2001/10/17	11602203
3308	Ageing mechanisms: the role of telomere loss	Boukamp P	Clin Exp Dermatol. 2001 Oct;26(7):562-5.	2001	2001/11/7	11696058

3309	Telomeres and telomerase: implications for cancer and aging	Shay JW	Radiat Res. 2001 Jan;155(1 Pt 2):188-193.	2001	2000/12/20	11121233
3310	Critical assessment of paradigms in aging research	Gershon H	Exp Gerontol. 2001 Jul;36(7):1035-47.	2001	2001/6/19	11404049
3311	Telomere length as an indicator of biological aging: the gender effect and relation with pulse pressure and pulse wave velocity	Benetos A	Hypertension. 2001 Feb;37(2 Pt 2):381-5.	2001	2001/3/7	11230304
3312	Do telomeres help define the genes expressed during ageing?	Michie C	Trends Mol Med. 2001 Sep;7(9):384.	2001	2001/9/1	11530318
3313	Very short telomeres in the peripheral blood of patients with X-linked and autosomal dyskeratosis congenita	Vulliamy TJ	Blood Cells Mol Dis. 2001 Mar-Apr;27(2):353-7.	2001	2001/3/22	11259155
3314	Regulation of cellular senescence by p53	Itahana K	Eur J Biochem. 2001 May;268(10):2784-91.	2001	2001/5/19	11358493
3315	[Mathematical model of the age-related changes in peripheral T cells population]	Romaniukha AA	Adv Gerontol. 2001;8:58-69.	2001	2001/10/5	11582756
3316	Telomeres, replicative senescence and human ageing	Kipling D	Maturitas. 2001 Feb 28;38(1):25-37; discussion 37-8.	2001	2001/4/20	11311583
3317	Telomeres and telomerases: intimations of immortality	Crocker J	Eur J Gastroenterol Hepatol. 2001 Aug;13(8):889-90.	2001	2001/8/17	11507350
3318	Telomerase activation, cellular immortalization and cancer	Hahn WC	Ann Med. 2001 Mar;33(2):123-9.	2001	2001/5/1	11327115
3319	Age-related telomere shortening occurs in lens epithelium from old rats and is slowed by caloric restriction	Pendergrass WR	Exp Eye Res. 2001 Aug;73(2):221-8.	2001	2001/7/12	11446772
3320	Telomere erosion and senescence in human articular cartilage chondrocytes	Martin JA	J Gerontol A Biol Sci Med Sci. 2001 Apr;56(4):B172-9.	2001	2001/4/3	11283188
3321	Cell senescence and its implications for nephrology	Melk A	J Am Soc Nephrol. 2001 Feb;12(2):385-393.	2001	2001/2/7	11158231
3322	Cellular senescence as a tumor-suppressor mechanism	Campisi J	Trends Cell Biol. 2001 Nov;11(11):S27-31.	2001	2001/10/31	11684439
3323	Reconstituting telomerase activity using the telomerase catalytic subunit prevents the telomere shorting and replicative senescence in human osteoblasts	Yudoh K	J Bone Miner Res. 2001 Aug;16(8):1453-64.	2001	2001/8/14	11499868
3324	Telomere shortening in atherosclerosis	Samani NJ	Lancet. 2001 Aug 11;358(9280):472-3.	2001	2001/8/22	11513915

3325	A stochastic model of cell replicative senescence based on telomere shortening, oxidative stress, and somatic mutations in nuclear and mitochondrial DNA	Sozou PD	J Theor Biol. 2001 Dec 21;213(4):573-86.	2001	2001/12/18	11742526
3326	Limited telomere shortening in hematopoietic stem cells after transplantation	Brümmendorf TH	Ann N Y Acad Sci. 2001 Jun;938:1-7; discussion 7-8.	2001	2001/7/19	11458496
3327	Replicative senescence in normal liver, chronic hepatitis C, and hepatocellular carcinomas	Paradis V	Hum Pathol. 2001 Mar;32(3):327-32.	2001	2001/3/29	11274643
3328	Uncoupling the senescent phenotype from telomere shortening in hydrogen peroxide-treated fibroblasts	Chen QM	Exp Cell Res. 2001 May 1;265(2):294-303.	2001	2001/4/17	11302695
3329	Induction of telomere shortening and replicative senescence by cryopreservation	Honda S	Biochem Biophys Res Commun. 2001 Mar 30;282(2):493-8.	2001	2001/6/13	11401486
3330	[Telomeres and telomerase activity: their role in aging and in neoplastic development]	Cottliar AS	Medicina (B Aires). 2001;61(3):335-42.	2001	2001/7/28	11474884
3331	Clinical implications of telomerase detection	Matthews P	Histopathology. 2001 Jun;38(6):485-98.	2001	2001/6/26	11422492
3332	Epigenetic changes accompanying human mammary epithelial cell immortalization	Yaswen P	J Mammary Gland Biol Neoplasia. 2001 Apr;6(2):223-34.	2001	2001/8/15	11501582
3333	Cdc13 prevents telomere uncapping and Rad50-dependent homologous recombination	Grandin N	EMBO J. 2001 Nov 1;20(21):6127-39.	2001	2001/11/2	11689452
3334	The La antigen associates with the human telomerase ribonucleoprotein and influences telomere length in vivo	Ford LP	RNA. 2001 Aug;7(8):1068-75.	2001	2001/8/11	11497426
3335	Telomere position effect in human cells	Baur JA	Science. 2001 Jun 15;292(5524):2075-7.	2001	2001/6/16	11408657
3336	The ZNF217 gene amplified in breast cancers promotes immortalization of human mammary epithelial cells	Nonet GH	Cancer Res. 2001 Feb 15;61(4):1250-4.	2001	2001/3/14	11245413
3337	Restoration of telomerase activity rescues chromosomal instability and premature aging in Terc-/- mice with short telomeres	Samper E	EMBO Rep. 2001 Sep;2(9):800-7.	2001	2001/8/25	11520856
3338	Telomerase inhibitors	White LK	Trends Biotechnol. 2001 Mar;19(3):114-20.	2001	2001/2/17	11179805
3339	Growth kinetics rather than stress accelerate telomere shortening in cultures of human diploid fibroblasts in oxidative stress-induced premature senescence	Dumont P	FEBS Lett. 2001 Aug 3;502(3):109-12.	2001	2001/10/5	11583109
3340	Ageing and the immune system	Effros RB	Novartis Found Symp. 2001;235:130-9; discussion 139-45, 146-9.	2001	2001/3/31	11280023

3341	Hutchinson-Guilford progeria syndrome	Sarkar PK	Postgrad Med J. 2001 May;77(907):312-7.	2001	2001/4/26	11320273
3342	Hematopoietic responses to stress conditions in young dogs compared with elderly dogs	Zaucha JM	Blood. 2001 Jul 15;98(2):322-7.	2001	2001/7/4	11435299
3343	Telomere length in leukocyte subpopulations of patients with aplastic anemia	Brümmendorf TH	Blood. 2001 Feb 15;97(4):895-900.	2001	2001/2/13	11159514
3344	Human fibroblast replicative senescence can occur in the absence of extensive cell division and short telomeres	Munro J	Oncogene. 2001 Jun 14;20(27):3541-52.	2001	2001/6/29	11429701
3345	Oxidative stress--induced single-strand breaks in chromosomal telomeres of human retinal pigment epithelial cells in vitro	Honda S	Invest Ophthalmol Vis Sci. 2001 Aug;42(9):2139-44.	2001	2001/8/2	11481283
3346	Telomerase and oral cancer	Sumida T	Oral Oncol. 2001 Jun;37(4):333-40.	2001	2001/5/5	11337264
3347	Cause of progression in Duchenne muscular dystrophy: impaired differentiation more probable than replicative aging	Oexle K	Neuropediatrics. 2001 Jun;32(3):123-9.	2001	2001/8/25	11521207
3348	Normal human mammary epithelial cells spontaneously escape senescence and acquire genomic changes	Romanov SR	Nature. 2001 Feb 1;409(6820):633-7.	2001	2001/2/24	11214324
3349	Correlation of survival time of embryo fibroblasts and their proliferative potentials with longevity of different mouse strains	Yegorov YE	Membr Cell Biol. 2001;14(6):855-9.	2001	2002/1/31	11817579
3350	Workshop: excess growth and apoptosis: is hypertension a case of accelerated aging of cardiovascular cells?	Hamet P	Hypertension. 2001 Feb;37(2 Pt 2):760-6.	2001	2001/3/7	11230370
3351	[Telomerase, cell immortality and cancer]	Watanabe N	Hokkaido Igaku Zasshi. 2001 May;76(3):127-32.	2001	2001/8/3	11481865
3352	Induced senescence in HeLa cervical carcinoma cells containing elevated telomerase activity and extended telomeres	Goodwin EC	Cell Growth Differ. 2001 Nov;12(11):525-34.	2001	2001/11/21	11714633
3353	Telomere-independent reduction of human B lymphocyte: proliferation during long-term culture	Jung D	Immunol Invest. 2001 May;30(2):157-68.	2001	2001/7/24	11465672
3354	Aging. When do telomeres matter?	Shay JW	Science. 2001 Feb 2;291(5505):839-40.	2001	2001/2/28	11225633
3355	Culture condition-dependent senescence-like growth arrest and immortalization in rodent embryo cells	Kodama S	Radiat Res. 2001 Jan;155(1 Pt 2):254-262.	2001	2000/12/20	11121243
3356	Lack of replicative senescence in normal rodent glia	Mathon NF	Science. 2001 Feb 2;291(5505):872-5.	2001	2001/2/7	11157166

3357	Cell senescence and cancer	Mathon NF	Nat Rev Cancer. 2001 Dec;1(3):203-13.	2001	2002/3/21	11902575
3358	Putative telomere-independent mechanisms of replicative aging reflect inadequate growth conditions	Ramirez RD	Genes Dev. 2001 Feb 15;15(4):398-403.	2001	2001/3/7	11230148
3359	Conversion of normal to malignant phenotype: telomere shortening, telomerase activation, and genomic instability during immortalization of human oral keratinocytes	Kang MK	Crit Rev Oral Biol Med. 2001;12(1):38-54.	2001	2001/5/15	11349961
3360	Characterization of ataxia telangiectasia fibroblasts with extended life-span through telomerase expression	Wood LD	Oncogene. 2001 Jan 18;20(3):278-88.	2001	2001/4/21	11313956
3361	Telomere length dynamics in normal individuals and in patients with hematopoietic stem cell-associated disorders	Brümmendorf TH	Ann N Y Acad Sci. 2001 Jun;938:293-303; discussion 303-4.	2001	2001/7/19	11458518
3362	Telomere shortening and decreased replicative potential, contrasted by continued proliferation of telomerase-positive CD8+CD28(lo) T cells in patients with systemic lupus erythematosus	Honda M	Clin Immunol. 2001 May;99(2):211-221.	2001	2001/4/25	11318593
3363	Distribution of somatic H1 subtypes is non-random on active vs. inactive chromatin II: distribution in human adult fibroblasts	Parseghian MH	J Cell Biochem. 2001;83(4):643-59.	2001	2001/12/18	11746507
3364	Nutrition, oxidative damage, telomere shortening, and cellular senescence: individual or connected agents of aging?	Jennings BJ	Mol Genet Metab. 2000 Sep-Oct;71(1-2):32-42.	2000	2000/9/26	11001793
3365	Aging mechanisms	Takahashi Y	Proc Natl Acad Sci U S A. 2000 Nov 7;97(23):12407-8.	2000	2000/10/18	11035783
3366	The illusion of cell immortality	Hayflick L	Br J Cancer. 2000 Oct;83(7):841-6.	2000	2000/9/6	10970682
3367	Cancer, aging and cellular senescence	Campisi J	In Vivo. 2000 Jan-Feb;14(1):183-8.	2000	2000/4/11	10757076
3368	Telomere length in different tissues of elderly patients	Friedrich U	Mech Ageing Dev. 2000 Nov 15;119(3):89-99.	2000	2000/11/18	11080530
3369	Perspectives in dermatopathology: telomeres and telomerase in ageing and cancer; with emphasis on cutaneous disease	Smith KJ	J Cutan Pathol. 2000 Jan;27(1):2-18.	2000	2000/2/5	10660126
3370	Cellular senescence: mitotic clock or culture shock?	Sherr CJ	Cell. 2000 Aug 18;102(4):407-10.	2000	2000/8/31	10966103
3371	Stem cells and genetics in the study of development, aging, and longevity	Van Zant G	Results Probl Cell Differ. 2000;29:203-35.	2000	2000/6/6	10838702
3372	Cell senescence and human aging: where's the link?	Faragher RG	Biochem Soc Trans. 2000 Feb;28(2):221-6.	2000	2000/5/18	10816132

3373	Cellular responses to telomere shortening: cellular senescence as a tumor suppressor mechanism	Greider CW	Harvey Lect. 2000-2001;96:33-50.	2000	2002/8/31	12200870
3374	Telomere diminution as a cause of immune failure in old age: an unfashionable demurral	Miller RA	Biochem Soc Trans. 2000 Feb;28(2):241-5.	2000	2000/5/18	10816135
3375	Telomere deficiency worsens liver disease	Gordon D	Gastroenterology. 2000 May;118(5):818.	2000	2000/6/8	10841641
3376	[The senile immune system]	Bruunsgaard H	Tidsskr Nor Laegeforen. 2000 Jan 10;120(1):29-31.	2000	2000/5/18	10815475
3377	Role of oxidative stress in telomere length regulation and replicative senescence	von Zglinicki T	Ann N Y Acad Sci. 2000 Jun;908:99-110.	2000	2000/7/27	10911951
3378	Cloning of mice to six generations	Wakayama T	Nature. 2000 Sep 21;407(6802):318-9.	2000	2000/10/3	11014179
3379	Cloning of animals from senescent cell nuclei--what are the implications for aging research?	Hornsby PJ	Mech Ageing Dev. 2000 Jun 20;115(3):123-6.	2000	2000/9/9	10979765
3380	[Hematopoietic stem cell transplantation and aging]	Imamura M	Nihon Ronen Igakkai Zasshi. 2000 Sep;37(9):709-11.	2000	2000/12/8	11109838
3381	[Cellular senescence and chromosome telomeres]	Ishikawa F	Nihon Ronen Igakkai Zasshi. 2000 Jan;37(1):19-25.	2000	2000/3/29	10737017
3382	The age of cancer	DePinho RA	Nature. 2000 Nov 9;408(6809):248-54.	2000	2000/11/23	11089982
3383	Normal telomere lengths found in cloned cattle	Tian XC	Nat Genet. 2000 Nov;26(3):272-3.	2000	2000/11/4	11062462
3384	Hayflick, his limit, and cellular ageing	Shay JW	Nat Rev Mol Cell Biol. 2000 Oct;1(1):72-6.	2000	2001/6/20	11413492
3385	Telomeres and cell division potential	Perrem K	Prog Mol Subcell Biol. 2000;24:173-89.	2000	1999/11/5	10547863
3386	Organization of telomere sequences in birds: evidence for arrays of extreme length and for in vivo shortening	Delany ME	Cytogenet Cell Genet. 2000;90(1-2):139-45.	2000	2000/11/4	11060464
3387	In contrast to Dolly, cloning resets telomere clock in cattle	Vogel G	Science. 2000 Apr 28;288(5466):586-7.	2000	2000/5/8	10798984
3388	Telomerase and human tumorigenesis	Stewart SA	Semin Cancer Biol. 2000 Dec;10(6):399-406.	2000	2001/2/15	11170862

3389	Cloned cows turn back the cellular clock	Glaser V	Nat Biotechnol. 2000 Jun;18(6):594.	2000	2000/6/3	10835590
3390	Senescence and immortalization of human cells	Duncan EL	Biogerontology. 2000;1(2):103-21.	2000	2001/11/16	11707927
3391	[On telomeres and telomerases: the key to cell senescence or immortality]	Sela B	Harefuah. 2000 Jan 2;138(1):24-7.	2000	2000/6/27	10868174
3392	Human immunosenescence: the prevailing of innate immunity, the failing of clonotypic immunity, and the filling of immunological space	Franceschi C	Vaccine. 2000 Feb 25;18(16):1717-20.	2000	2000/2/26	10689155
3393	[The role of genetic instability in cell aging]	Zaĭnullin VG	Genetika. 2000 Aug;36(8):1013-6.	2000	2000/10/18	11033770
3394	Gerontologists and the media in a time of gerontology expansion	Le Bourg E	Biogerontology. 2000;1(1):89-92.	2000	2001/11/16	11707925
3395	Poly(ADP-ribosyl)ation: a posttranslational protein modification linked with genome protection and mammalian longevity	Bürkle A	Biogerontology. 2000;1(1):41-6.	2000	2001/11/16	11707919
3396	Accumulation of short telomeres in human fibroblasts prior to replicative senescence	Martens UM	Exp Cell Res. 2000 Apr 10;256(1):291-9.	2000	2000/3/31	10739676
3397	Cellular and molecular mechanisms of stress-induced premature senescence (SIPS) of human diploid fibroblasts and melanocytes	Toussaint O	Exp Gerontol. 2000 Oct;35(8):927-45.	2000	2000/12/21	11121681
3398	Differential regulation of CD8+ T cell senescence in mice and men	Akbar AN	Mech Ageing Dev. 2000 Dec 20;121(1-3):69-76.	2000	2001/2/13	11164461
3399	Telomere shortening with aging in human liver	Takubo K	J Gerontol A Biol Sci Med Sci. 2000 Nov;55(11):B533-6.	2000	2000/11/15	11078086
3400	Aging clock: the watchmaker's masterpiece	Ishikawa F	Cell Mol Life Sci. 2000 May;57(5):698-704.	2000	2000/7/13	10892336
3401	The role of senescence and immortalization in carcinogenesis	Reddel RR	Carcinogenesis. 2000 Mar;21(3):477-84.	2000	2000/2/26	10688868
3402	Genetic approaches to the study of replicative senescence	Ran Q	Exp Gerontol. 2000 Feb;35(1):7-13.	2000	2000/3/8	10705034
3403	Laying hold on eternal life?	Wilmut I	Nat Biotechnol. 2000 Jun;18(6):599-600.	2000	2000/6/3	10835593
3404	Telomere shortening in kidneys with age	Melk A	J Am Soc Nephrol. 2000 Mar;11(3):444-453.	2000	2000/3/7	10703668

3405	Ups and downs of aging studies in vitro: the crooked path of science	Macieira-Coelho A	Gerontology. 2000 Mar-Apr;46(2):55-63.	2000	2000/2/15	10671800
3406	Telomere states and cell fates	Blackburn EH	Nature. 2000 Nov 2;408(6808):53-6.	2000	2000/11/18	11081503
3407	Telomerase, immortality and cancer	Krupp G	Biotechnol Annu Rev. 2000;6:103-40.	2000	2001/2/24	11193292
3408	Telomere shortening is proportional to the size of the G-rich telomeric 3'-overhang	Huffman KE	J Biol Chem. 2000 Jun 30;275(26):19719-22.	2000	2000/4/29	10787419
3409	Repair of telomeric DNA prior to replicative senescence	Lansdorp PM	Mech Ageing Dev. 2000 Sep 1;118(1-2):23-34.	2000	2000/9/16	10989122
3410	Telomeres, telomerase and cellular immortalization	Jones CJ	Symp Soc Exp Biol. 2000;52:135-48.	2000	2002/7/2	12090003
3411	Accelerated replicative senescence of the peripheral immune system induced by HIV infection	Bestilny LJ	AIDS. 2000 May 5;14(7):771-80.	2000	2000/6/6	10839584
3412	Cloning adult animals - what is the genetic age of the clones?	Yang X	Cloning. 2000;2(3):123-8.	2000	2005/10/13	16218848
3413	Telomeres, telomerase and cancer: an up-date	Dhaene K	Virchows Arch. 2000 Jul;437(1):1-16.	2000	2000/8/30	10963374
3414	Telomeres and telomerase	Blackburn EH	Keio J Med. 2000 Jun;49(2):59-65.	2000	2000/7/20	10900830
3415	Subsenescent telomere lengths in fibroblasts immortalized by limiting amounts of telomerase	Ouellette MM	J Biol Chem. 2000 Apr 7;275(14):10072-6.	2000	2000/4/1	10744686
3416	Shorter telomeres in dystrophic muscle consistent with extensive regeneration in young children	Decary S	Neuromuscul Disord. 2000 Feb;10(2):113-20.	2000	2000/3/14	10714586
3417	Relationship of telomeres and p53 in aging bovine corneal endothelial cell cultures	Whikehart DR	Invest Ophthalmol Vis Sci. 2000 Apr;41(5):1070-5.	2000	2001/2/7	10752943
3418	A critical role for telomeres in suppressing and facilitating carcinogenesis	Artandi SE	Curr Opin Genet Dev. 2000 Feb;10(1):39-46.	2000	2000/2/19	10679392
3419	Telomere shortening is an in vivo marker of myocyte replication and aging	Kajstura J	Am J Pathol. 2000 Mar;156(3):813-9.	2000	2000/3/7	10702397
3420	Telomere erosion varies during in vitro aging of normal human fibroblasts from young and adult donors	Figueroa R	Cancer Res. 2000 Jun 1;60(11):2770-4.	2000	2000/6/13	10850411

3421	Accumulation of single-strand breaks is the major cause of telomere shortening in human fibroblasts	von Zglinicki T	Free Radic Biol Med. 2000 Jan 1;28(1):64-74.	2000	2000/2/3	10656292
3422	Long-term immunological memory against viruses	Effros RB	Mech Ageing Dev. 2000 Dec 20;121(1-3):161-71.	2000	2001/2/13	11164470
3423	Genes involved in senescence and immortalization	Lundberg AS	Curr Opin Cell Biol. 2000 Dec;12(6):705-9.	2000	2000/11/7	11063935
3424	Specific association of a small protein with the telomeric DNA-protein complex during the onset of leaf senescence in Arabidopsis thaliana	Zentgraf U	Plant Mol Biol. 2000 Feb;42(3):429-38.	2000	2000/5/8	10798613
3425	Telomere attrition of the human abdominal aorta: relationships with age and atherosclerosis	Okuda K	Atherosclerosis. 2000 Oct;152(2):391-8.	2000	2000/9/22	10998467
3426	TRF1 is a critical trans-acting factor required for de novo telomere formation in human cells	Okabe J	Hum Mol Genet. 2000 Nov 1;9(18):2639-50.	2000	2000/11/7	11063723
3427	Six cloned calves produced from adult fibroblast cells after long-term culture	Kubota C	Proc Natl Acad Sci U S A. 2000 Feb 1;97(3):990-5.	2000	2000/2/3	10655472
3428	[Telomerase activity in uveal melanomas]	Rohrbach JM	Ophthalmologe. 2000 May;97(5):359-63.	2000	2000/7/13	10892281
3429	Advances in livestock nuclear transfer	Kühholzer B	Proc Soc Exp Biol Med. 2000 Sep;224(4):240-5.	2000	2000/8/30	10964258
3430	Telomere length maintenance in aging and carcinogenesis	Aragona M	Int J Oncol. 2000 Nov;17(5):981-9.	2000	2000/10/13	11029502
3431	Telomere dynamics in cancer progression and prevention: fundamental differences in human and mouse telomere biology	Wright WE	Nat Med. 2000 Aug;6(8):849-51.	2000	2000/8/10	10932210
3432	Role of telomerase in cell senescence and oncogenesis	Urquidi V	Annu Rev Med. 2000;51:65-79.	2000	2000/4/25	10774453
3433	Extension of cell life-span and telomere length in animals cloned from senescent somatic cells	Lanza RP	Science. 2000 Apr 28;288(5466):665-9.	2000	2000/4/28	10784448
3434	Decreased cellular activity and replicative capacity of osteoblastic cells isolated from the periarticular bone of rheumatoid arthritis patients compared with osteoarthritis patients	Yudoh K	Arthritis Rheum. 2000 Oct;43(10):2178-88.	2000	2000/10/19	11037877
3435	First report on chicken genes and chromosomes 2000	Schmid M	Cytogenet Cell Genet. 2000;90(3-4):169-218.	2000	2000/12/22	11124517
3436	The use of telomerized cells for tissue engineering	Shay JW	Nat Biotechnol. 2000 Jan;18(1):22-3.	2000	2000/1/14	10625382

3437	Telomeres, telomerase, and myc. An update	Cerni C	Mutat Res. 2000 Jan;462(1):31-47.	2000	2000/1/29	10648922
3438	Regulation of apoptosis and replicative senescence in CD8+ T cells from patients with viral infections	Soares MV	Biochem Soc Trans. 2000 Feb;28(2):255-8.	2000	2000/5/18	10816138
3439	Formation of functional tissue from transplanted adrenocortical cells expressing telomerase reverse transcriptase	Thomas M	Nat Biotechnol. 2000 Jan;18(1):39-42.	2000	2000/1/14	10625388
3440	Telomere reduction in human liver tissues with age and chronic inflammation	Aikata H	Exp Cell Res. 2000 May 1;256(2):578-82.	2000	2000/4/25	10772830
3441	The role of telomerase expression and telomere length maintenance in human and mouse	Weng NP	J Clin Immunol. 2000 Jul;20(4):257-67.	2000	2000/8/12	10939713
3442	[Telomere anomalies, chromosome reshaping and cancer: an explanatory model of the formation of carcinomas]	Larsen CJ	Bull Cancer. 2000 Oct;87(10):694-5.	2000	2001/2/24	11185524
3443	Mice without telomerase: what can they teach us about human cancer?	Artandi SE	Nat Med. 2000 Aug;6(8):852-5.	2000	2000/8/10	10932211
3444	Gene-specific DNA repair of pyrimidine dimers does not decline during cellular aging in vitro	Christiansen M	Exp Cell Res. 2000 Apr 10;256(1):308-14.	2000	2000/3/31	10739678
3445	Dyskeratosis congenita, telomeres and human ageing	Marciniak RA	Trends Genet. 2000 May;16(5):193-5.	2000	2000/4/27	10782108
3446	Transient expression of human telomerase extends the life span of normal human fibroblasts	Steinert S	Biochem Biophys Res Commun. 2000 Jul 14;273(3):1095-8.	2000	2000/7/13	10891377
3447	Telomerase activity is increased and telomere length shortened in T cells from blood of patients with atopic dermatitis and psoriasis	Wu K	J Immunol. 2000 Oct 15;165(8):4742-7.	2000	2000/10/18	11035119
3448	Dynamics of telomere shortening in neutrophils and T lymphocytes during ageing and the relationship to skewed X chromosome inactivation patterns	Robertson JD	Br J Haematol. 2000 May;109(2):272-9.	2000	2000/6/10	10848812
3449	Regenerative capacity of human satellite cells: the mitotic clock in cell transplantation	Di Donna S	Neurol Sci. 2000;21(5 Suppl):S943-51.	2000	2001/5/31	11382194
3450	Enhanced oxidative stress and accelerated cellular senescence in glucose-6-phosphate dehydrogenase (G6PD)-deficient human fibroblasts	Ho HY	Free Radic Biol Med. 2000 Jul 15;29(2):156-69.	2000	2000/9/12	10980404
3451	Homocysteine accelerates endothelial cell senescence	Xu D	FEBS Lett. 2000 Mar 17;470(1):20-4.	2000	2000/3/21	10722838
3452	Telomere shortening in gastric carcinoma with aging despite telomerase activation	Furugori E	J Cancer Res Clin Oncol. 2000 Aug;126(8):481-5.	2000	2000/8/29	10961392

3453	The hTERTalpha splice variant is a dominant negative inhibitor of telomerase activity	Colgin LM	Neoplasia. 2000 Sep-Oct;2(5):426-32.	2000	2001/2/24	11191109
3454	[Extension of life-span of normal human fibroblasts by reconstitution of telomerase activity]	Wang Z	Shi Yan Sheng Wu Xue Bao. 2000 Jun;33(2):129-40.	2000	2003/1/29	12548976
3455	Lineage-specific telomere shortening and unaltered capacity for telomerase expression in human T and B lymphocytes with age	Son NH	J Immunol. 2000 Aug 1;165(3):1191-6.	2000	2000/7/21	10903716
3456	Accelerated telomere shortening and senescence in human pancreatic islet cells stimulated to divide in vitro	Halvorsen TL	J Endocrinol. 2000 Jul;166(1):103-9.	2000	2000/6/17	10856888
3457	Mass cultured human fibroblasts overexpressing hTERT encounter a growth crisis following an extended period of proliferation	MacKenzie KL	Exp Cell Res. 2000 Sep 15;259(2):336-50.	2000	2000/8/31	10964501
3458	Telomere length in male germ cells is inversely correlated with telomerase activity	Achi MV	Biol Reprod. 2000 Aug;63(2):591-8.	2000	2000/7/25	10906069
3459	Telomerase activity in cancer as a diagnostic and therapeutic target	Kyo S	Histol Histopathol. 2000 Jul;15(3):813-24.	2000	2000/8/30	10963125
3460	Telomere dysfunction promotes non-reciprocal translocations and epithelial cancers in mice	Artandi SE	Nature. 2000 Aug 10;406(6796):641-5.	2000	2000/8/19	10949306
3461	[Biogerontology: status and current developments]	Ahlert G	Z Gerontol Geriatr. 1999 Apr;32(2):112-23.	1999	1999/7/17	10408015
3462	[Nutrition and aging]	Bunout D	Rev Med Chil. 1999 Jan;127(1):82-8.	1999	1999/8/7	10436685
3463	Telomere shortening during aging of human osteoblasts in vitro and leukocytes in vivo: lack of excessive telomere loss in osteoporotic patients	Kveiborg M	Mech Ageing Dev. 1999 Jan 15;106(3):261-71.	1999	1999/4/1	10100154
3464	Senescence of the retinal pigmented epithelium	Hjelmeland LM	Invest Ophthalmol Vis Sci. 1999 Jan;40(1):1-2.	1999	1999/1/15	9888419
3465	[Telomere terminals and telomerase. The biological aging clock?]	Kølvraa S	Ugeskr Laeger. 1999 Jun 28;161(26):3987-91.	1999	1999/7/14	10402933
3466	Early growth determines longevity in male rats and may be related to telomere shortening in the kidney	Jennings BJ	FEBS Lett. 1999 Apr 1;448(1):4-8.	1999	1999/4/27	10217398
3467	[The senile immune system]	Bruunsgaard H	Ugeskr Laeger. 1999 Aug 23;161(34):4740-3.	1999	1999/9/29	10500461
3468	Telomeres and telomerase and their possible future in plastic surgery	Deveci M	Plast Reconstr Surg. 1999 Oct;104(5):1588-9.	1999	1999/10/8	10513964

3469	Bladerunners and telomerases	Hussain MA	Eur J Endocrinol. 1999 Aug;141(2):98-100.	1999	1999/7/31	10427149
3470	Telomere shortening and the population size-dependency of life span of human cell culture: further implication for two proliferation-restricting telomeres	Tan Z	Exp Gerontol. 1999 Nov;34(7):831-42.	1999	2000/1/6	10622418
3471	Telomeres. Ageing hard or hardly ageing?	Kipling D	Nature. 1999 Mar 18;398(6724):191, 193.	1999	1999/3/27	10094039
3472	Telomere-dependent senescence	Kipling D	Nat Biotechnol. 1999 Apr;17(4):313-4.	1999	1999/4/20	10207859
3473	A new piece in the telomere jigsaw	Tromans A	Nat Cell Biol. 1999 Dec;1(8):E200.	1999	1999/12/10	10587657
3474	Rapid telomere shortening in children	Zeichner SL	Blood. 1999 May 1;93(9):2824-30.	1999	1999/4/27	10216076
3475	Simultaneous decrease of telomere length and telomerase activity with ageing of human amniotic fluid cells	Mosquera A	J Med Genet. 1999 Jun;36(6):494-6.	1999	2000/6/30	10874642
3476	Stochastic mechanism of cellular aging--abrupt telomere shortening as a model for stochastic nature of cellular aging	Rubelj I	J Theor Biol. 1999 Apr 21;197(4):425-38.	1999	1999/4/10	10196087
3477	5-Bromodeoxyuridine induces senescence-like phenomena in mammalian cells regardless of cell type or species	Michishita E	J Biochem. 1999 Dec;126(6):1052-9.	1999	1999/12/1	10578056
3478	Telomeres and telomerase: more than the end of the line	Pardue ML	Chromosoma. 1999 May;108(2):73-82.	1999	1999/6/26	10382069
3479	Analysis of telomere lengths in cloned sheep	Shiels PG	Nature. 1999 May 27;399(6734):316-7.	1999	1999/6/9	10360570
3480	Telomeres and telomerase	Blasco MA	Genes Dev. 1999 Sep 15;13(18):2353-9.	1999	1999/9/29	10500091
3481	Telomere length, aging, and somatic cell turnover	Hodes RJ	J Exp Med. 1999 Jul 19;190(2):153-6.	1999	1999/8/4	10432278
3482	Accelerated telomere shortening in the human inactive X chromosome	Surrallés J	Am J Hum Genet. 1999 Dec;65(6):1617-22.	1999	1999/12/1	10577915
3483	Long telomeres and well preserved proliferative vigor in cells from centenarians: a contribution to longevity?	Franceschi C	Aging (Milano). 1999 Apr;11(2):69-72.	1999	1999/7/1	10386165
3484	Hematopoietic stem cells and aging	Globerson A	Exp Gerontol. 1999 Apr;34(2):137-46.	1999	1999/6/11	10363782

3485	The relationships of animal age and caloric intake to cellular replication in vivo and in vitro: a review	Wolf NS	J Gerontol A Biol Sci Med Sci. 1999 Nov;54(11):B502-17.	1999	2000/1/5	10619313
3486	Alternative pathways for the extension of cellular life span: inactivation of p53/pRb and expression of telomerase	Vaziri H	Oncogene. 1999 Dec 13;18(53):7676-80.	1999	2000/1/5	10618707
3487	The kinetics of epithelial cell generation: its relevance to cancer and ageing	Morris JA	J Theor Biol. 1999 Jul 7;199(1):87-95.	1999	1999/7/27	10419761
3488	Telomere fluorescence measurements in granulocytes and T lymphocyte subsets point to a high turnover of hematopoietic stem cells and memory T cells in early childhood	Rufer N	J Exp Med. 1999 Jul 19;190(2):157-67.	1999	1999/8/4	10432279
3489	Disease states associated with telomerase deficiency appear earlier in mice with short telomeres	Herrera E	EMBO J. 1999 Jun 1;18(11):2950-60.	1999	1999/6/5	10357808
3490	[Replicative senescence as a model of aging: the role of oxidative stress and telomere shortening--an overview]	Saretzki G	Z Gerontol Geriatr. 1999 Apr;32(2):69-75.	1999	1999/7/17	10408009
3491	Telomerase: Dr Jekyll or Mr Hyde?	Prescott JC	Curr Opin Genet Dev. 1999 Jun;9(3):368-73.	1999	1999/6/23	10377284
3492	Beta-galactosidase histochemistry and telomere loss in senescent retinal pigment epithelial cells	Matsunaga H	Invest Ophthalmol Vis Sci. 1999 Jan;40(1):197-202.	1999	1999/1/15	9888444
3493	Repression of an alternative mechanism for lengthening of telomeres in somatic cell hybrids	Perrem K	Oncogene. 1999 Jun 3;18(22):3383-90.	1999	1999/6/11	10362359
3494	Immortalized cells seem cancer-free so far	Ferber D	Science. 1999 Jan 8;283(5399):154-5.	1999	1999/1/30	9925469
3495	Telomere length changes in patients undergoing hematopoietic stem cell transplantation	Lee J	Bone Marrow Transplant. 1999 Aug;24(4):411-5.	1999	1999/9/1	10467331
3496	The roles of telomeres and telomerase in cellular immortalization and the development of cancer	Klingelhutz AJ	Anticancer Res. 1999 Nov-Dec;19(6A):4823-30.	1999	2000/3/4	10697595
3497	Resistance to apoptosis in human cells conferred by telomerase function and telomere stability	Holt SE	Mol Carcinog. 1999 Aug;25(4):241-8.	1999	1999/8/17	10449030
3498	Phospholipase D in cellular senescence	Venable ME	Biochim Biophys Acta. 1999 Jul 30;1439(2):291-8.	1999	1999/7/30	10425402
3499	Analysis of genomic integrity and p53-dependent G1 checkpoint in telomerase-induced extended-life-span human fibroblasts	Vaziri H	Mol Cell Biol. 1999 Mar;19(3):2373-9.	1999	1999/2/18	10022923
3500	Longevity, stress response, and cancer in aging telomerase-deficient mice	Rudolph KL	Cell. 1999 Mar 5;96(5):701-12.	1999	1999/3/25	10089885

3501	Reconsideration of senescence, immortalization and telomere maintenance of Epstein-Barr virus-transformed human B-lymphoblastoid cell lines	Sugimoto M	Mech Ageing Dev. 1999 Feb 1;107(1):51-60.	1999	1999/4/10	10197788
3502	Exercise induces recruitment of lymphocytes with an activated phenotype and short telomeres in young and elderly humans	Bruunsgaard H	Life Sci. 1999;65(24):2623-33.	1999	2000/1/5	10619370
3503	[Telomeres: a review of the literature]	Losi L	Pathologica. 1999 Apr;91(2):121-3.	1999	1999/9/15	10484873
3504	Telomere length in fibroblasts and blood cells from healthy centenarians	Mondello C	Exp Cell Res. 1999 Apr 10;248(1):234-42.	1999	1999/3/30	10094830
3505	Telomere shortening, telomerase expression, and chromosome instability in rat hepatic epithelial stem-like cells	Golubovskaya VM	Mol Carcinog. 1999 Mar;24(3):209-17.	1999	1999/4/16	10204805
3506	Characterization of telomere-binding activity of replication factor C large subunit p140	Uchiumi F	Biochem Biophys Res Commun. 1999 May 10;258(2):482-9.	1999	1999/5/18	10329413
3507	Microarray analysis of replicative senescence	Shelton DN	Curr Biol. 1999 Sep 9;9(17):939-45.	1999	1999/10/6	10508581
3508	Telomerase activity in lens epithelial cells of normal and cataractous lenses	Colitz CM	Exp Eye Res. 1999 Dec;69(6):641-9.	1999	2000/1/6	10620393
3509	Human is a unique species among primates in terms of telomere length	Kakuo S	Biochem Biophys Res Commun. 1999 Sep 24;263(2):308-14.	1999	1999/9/24	10491289
3510	[Telomerase--its potential and limits for clinical applicability]	Hoos A	Dtsch Med Wochenschr. 1999 Feb 26;124(8):223-30.	1999	1999/3/27	10093573
3511	Normal human telomeres are not late replicating	Wright WE	Exp Cell Res. 1999 Sep 15;251(2):492-9.	1999	1999/9/2	10471333
3512	Virus-induced CD8+ T cell clonal expansion is associated with telomerase up-regulation and telomere length preservation: a mechanism for rescue from replicative senescence	Maini MK	J Immunol. 1999 Apr 15;162(8):4521-6.	1999	1999/4/14	10201990
3513	Unlimited mileage from telomerase?	de Lange T	Science. 1999 Feb 12;283(5404):947-9.	1999	1999/3/13	10075559
3514	Effects of mutations in DNA repair genes on formation of ribosomal DNA circles and life span in Saccharomyces cerevisiae	Park PU	Mol Cell Biol. 1999 May;19(5):3848-56.	1999	1999/4/17	10207108
3515	Telomerase activation in human fibroblasts during escape from crisis	Montalto MC	J Cell Physiol. 1999 Jul;180(1):46-52.	1999	1999/6/11	10362016
3516	Increased CD4+ T-lymphocyte senescence fraction in advanced human immunodeficiency virus type 1 infection	Nichols WS	Scand J Immunol. 1999 Mar;49(3):302-6.	1999	1999/4/2	10102648

3517	[Telomerase]	Egorov EE	Mol Biol (Mosk). 1999 May-Jun;33(3):385-92.	1999	1999/10/16	10519112
3518	Why do we have linear chromosomes? A matter of Adam and Eve	Ishikawa F	Mutat Res. 1999 Jun 23;434(2):99-107.	1999	1999/7/28	10422538
3519	Postthymic development of CD28-CD8+ T cell subset: age-associated expansion and shift from memory to naive phenotype	Nociari MM	J Immunol. 1999 Mar 15;162(6):3327-35.	1999	1999/3/27	10092786
3520	How and why we age	Hayflick L	Exp Gerontol. 1998 Nov-Dec;33(7-8):639-53.	1998	1999/2/10	9951612
3521	Telomeres, the nucleolus and aging	Johnson FB	Curr Opin Cell Biol. 1998 Jun;10(3):332-8.	1998	1998/6/26	9640533
3522	A brief history of the mortality and immortality of cultured cells	Hayflick L	Keio J Med. 1998 Sep;47(3):174-82.	1998	1998/10/24	9785764
3523	Telomeres: influencing the rate of aging	von Zglinicki T	Ann N Y Acad Sci. 1998 Nov 20;854:318-27.	1998	1999/2/3	9928440
3524	Estimation of the amount of telomere molecules in different human age groups and the telomere increasing effect of acupuncture and shiatsu on St.36, using synthesized basic units of the human telomere molecules as reference control substances for the bi-digital	Omura Y	Acupunct Electrother Res. 1998;23(3-4):185-206.	1998	1999/4/8	10193703
3525	Telomeres, hidden mosaicism, loss of heterozygosity, and complex genetic traits	Aviv A	Hum Genet. 1998 Jul;103(1):2-4.	1998	1998/9/16	9737768
3526	The making and the breaking of senescence: changes of gene expression during cellular aging and immortalization	Jansen-Dürr P	Exp Gerontol. 1998 Jun;33(4):291-301.	1998	1998/6/25	9639166
3527	Telomeres and senescence: the history, the experiment, the future	Greider CW	Curr Biol. 1998 Feb 26;8(5):R178-81.	1998	1998/4/16	9501064
3528	Telomerase activity, telomere length, and chromosome aberrations in the extension of life span of human embryo cells induced by low-dose X-rays	Yang Z	J Radiat Res. 1998 Mar;39(1):35-51.	1998	1998/6/4	9610031
3529	The rate of telomere sequence loss in human leukocytes varies with age	Frenck RW Jr	Proc Natl Acad Sci U S A. 1998 May 12;95(10):5607-10.	1998	1998/5/20	9576930
3530	Changes of telomere length in children after hematopoietic stem cell transplantation	Akiyama M	Bone Marrow Transplant. 1998 Jan;21(2):167-71.	1998	1998/3/7	9489634
3531	Analysis of telomere lengths in human corneal endothelial cells from donors of different ages	Egan CA	Invest Ophthalmol Vis Sci. 1998 Mar;39(3):648-53.	1998	1998/3/21	9501879
3532	[Recent progress in telomere/telomerase research]	Ide T	Nihon Ronen Igakkai Zasshi. 1998 Jan;35(1):10-7.	1998	1998/5/30	9564735

3533	Telomerase and cellular lifespan: ending the debate?	Faragher RG	Nat Biotechnol. 1998 Aug;16(8):701-2.	1998	1998/8/14	9702755
3534	Aging andlongevity: towards the next millennium. The Bat Sheva Le Rothschild International Seminar on Cellular, Molecular and Genetic Aspects of Aging and Longevity. Zichron Yaacov, Israel, 7-12 December 1997	Martin GM	Mol Med Today. 1998 Apr;4(4):145.	1998	1998/7/11	9660652
3535	Ageing research in the UK: plenty of proliferative potential. Cellular Senescence: the future of ageing. Oxford, United Kingdom, 16-17 July 1998	Kill IR	Mol Med Today. 1998 Nov;4(11):466-7.	1998	1998/12/19	9857364
3536	Telomeres and haemopoiesis	Wynn RF	Br J Haematol. 1998 Dec;103(3):591-3.	1998	1998/12/19	9858205
3537	General ageing and ovarian ageing	Dorland M	Maturitas. 1998 Oct 12;30(2):113-8.	1998	1999/1/1	9871905
3538	Increase in telomere sequence-binding activity in normal human fibroblasts in senescence or in cells treated with phorbol ester or N-methyl-N'-nitro-N-nitrosoguanidine	Nose K	Biol Pharm Bull. 1998 Sep;21(9):911-3.	1998	1998/10/22	9781837
3539	Irreversible telomere shortening by 3'-azido-2',3'-dideoxythymidine (AZT) treatment	Gomez DE	Biochem Biophys Res Commun. 1998 May 8;246(1):107-10.	1998	1998/5/26	9600076
3540	Telomere shortening in recipients of bone-marrow transplants	Seligman SJ	Lancet. 1998 Apr 25;351(9111):1287-8.	1998	1998/6/27	9643775
3541	A reassessment of the telomere hypothesis of senescence	Reddel RR	Bioessays. 1998 Dec;20(12):977-84.	1998	1999/2/27	10048297
3542	Telomerase and the aging cell: implications for human health	Fossel M	JAMA. 1998 Jun 3;279(21):1732-5.	1998	1998/6/12	9624027
3543	The role of telomeres in ageing and cancer	Mera SL	Br J Biomed Sci. 1998 Sep;55(3):221-5.	1998	1999/6/15	10367411
3544	FISH goes with the flow	Ishikawa F	Nat Biotechnol. 1998 Aug;16(8):723-4.	1998	1998/8/14	9702767
3545	Accelerated telomere shortening in young recipients of allogeneic bone-marrow transplants	Wynn RF	Lancet. 1998 Jan 17;351(9097):178-81.	1998	1998/2/5	9449873
3546	Accelerated telomere shortening in bone-marrow recipients	Shay JW	Lancet. 1998 Jan 17;351(9097):153-4.	1998	1998/2/5	9449864
3547	[The role of the age-related genes in gerontology]	Miki T	Nihon Ronen Igakkai Zasshi. 1998 Jun;35(6):429-37.	1998	1998/9/24	9745296
3548	Cellular senescence: lessons from yeast for human aging?	Shore D	Curr Biol. 1998 Mar 12;8(6):R192-5.	1998	1998/3/25	9512411

3549	The genetics of cellular senescence	Bérubé NG	Am J Hum Genet. 1998 May;62(5):1015-9.	1998	1998/5/23	9545418
3550	Accelerated telomere shortening in fibroblasts after extended periods of confluency	Sitte N	Free Radic Biol Med. 1998 Apr;24(6):885-93.	1998	1998/6/2	9607597
3551	Markers of 'cell senescence'	Macieira-Coelho A	Mech Ageing Dev. 1998 Jun 1;103(1):105-9.	1998	1998/7/29	9681883
3552	DNA topoisomerase inhibitors induce reversible senescence in normal human fibroblasts	Michishita E	Biochem Biophys Res Commun. 1998 Dec 30;253(3):667-71.	1998	1999/1/27	9918785
3553	[Telomerase and cancer]	Soria JC	Ann Pathol. 1998 Nov;18(5):391-403.	1998	1998/12/29	9864575
3554	Telomere length dynamics in telomerase-positive immortal human cell populations	Bryan TM	Exp Cell Res. 1998 Mar 15;239(2):370-8.	1998	1998/4/2	9521855
3555	The time-pattern of rises and falls in proliferation fades with senescence of mortal lines and is perpetuated in immortal rat hepatoma Fao cell line	Maigné J	In Vitro Cell Dev Biol Anim. 1998 Feb;34(2):163-9.	1998	1998/5/23	9542655
3556	The implication of telomerase activity and telomere stability for replicative aging and cellular immortality (Review)	Engelhardt M	Oncol Rep. 1998 Sep-Oct;5(5):1043-52.	1998	1998/7/31	9683806
3557	Reconstitution of telomerase activity in normal human cells leads to elongation of telomeres and extended replicative life span	Vaziri H	Curr Biol. 1998 Feb 26;8(5):279-82.	1998	1998/4/16	9501072
3558	Telomeric length and telomerase activity vary with age in peripheral blood cells obtained from normal individuals	Iwama H	Hum Genet. 1998 Apr;102(4):397-402.	1998	1998/5/26	9600234
3559	A telomere-independent senescence mechanism is the sole barrier to Syrian hamster cell immortalization	Russo I	Oncogene. 1998 Dec 31;17(26):3417-26.	1998	1999/2/25	10030665
3560	Telomeres. Bumps on the road to immortality	Weinberg RA	Nature. 1998 Nov 5;396(6706):23-4.	1998	1998/11/17	9817198
3561	Telomerase inhibition, telomere shortening, and senescence of cancer cells by tea catechins	Naasani I	Biochem Biophys Res Commun. 1998 Aug 19;249(2):391-6.	1998	1998/8/26	9712707
3562	Normal telomere lengths in young mothers of children with Down's syndrome	Dorland M	Lancet. 1998 Sep 19;352(9132):961-2.	1998	1998/9/30	9752826
3563	Stem cell biology for the transfusionist	Lansdorp PM	Vox Sang. 1998;74 Suppl 2:91-4.	1998	1998/8/15	9704429
3564	TRF2 protects human telomeres from end-to-end fusions	van Steensel B	Cell. 1998 Feb 6;92(3):401-13.	1998	1998/2/26	9476899

3565	Telomeres: keys to senescence and cancer	Finkel E	Lancet. 1998 Apr 18;351(9110):1186.	1998	1998/6/27	9643705
3566	Cellular senescence in telomerase-expressing Syrian hamster embryo cells	Carman TA	Exp Cell Res. 1998 Oct 10;244(1):33-42.	1998	1998/10/15	9770346
3567	Extension of life-span by introduction of telomerase into normal human cells	Bodnar AG	Science. 1998 Jan 16;279(5349):349-52.	1998	1998/2/7	9454332
3568	Telomeres and senescence: ending the debate	de Lange T	Science. 1998 Jan 16;279(5349):334-5.	1998	1998/2/7	9454329
3569	A possible new partner for telomerase	Pennisi E	Science. 1998 Nov 20;282(5393):1395, 1397.	1998	1998/12/29	9867637
3570	SV40-Mediated immortalization	Jha KK	Exp Cell Res. 1998 Nov 25;245(1):1-7.	1998	1998/11/26	9828095
3571	Age-dependent telomere shortening is slowed down by enrichment of intracellular vitamin C via suppression of oxidative stress	Furumoto K	Life Sci. 1998;63(11):935-48.	1998	1998/9/25	9747894
3572	Can ends justify the means?: telomeres and the mechanisms of replicative senescence and immortalization in mammalian cells	Sedivy JM	Proc Natl Acad Sci U S A. 1998 Aug 4;95(16):9078-81.	1998	1998/8/5	9689036
3573	Genes involved in the control of cellular proliferative potential	Reddel RR	Ann N Y Acad Sci. 1998 Nov 20;854:8-19.	1998	1999/2/3	9928415
3574	Chromosomal instability is correlated with telomere erosion and inactivation of G2 checkpoint function in human fibroblasts expressing human papillomavirus type 16 E6 oncoprotein	Filatov L	Oncogene. 1998 Apr 9;16(14):1825-38.	1998	1998/5/16	9583680
3575	Olovnikov's clock: telomeres and vascular biology	de Bono DP	Heart. 1998 Aug;80(2):110-1.	1998	1998/11/14	9813551
3576	Replicative senescence of normal human oral keratinocytes is associated with the loss of telomerase activity without shortening of telomeres	Kang MK	Cell Growth Differ. 1998 Jan;9(1):85-95.	1998	1998/1/23	9438392
3577	Telomere control of replicative lifespan	Morin GB	Exp Gerontol. 1997 Jul-Oct;32(4-5):375-82.	1997	1997/7/1	9315442
3578	The heterochromatin loss model of aging	Villeponteau B	Exp Gerontol. 1997 Jul-Oct;32(4-5):383-94.	1997	1997/7/1	9315443
3579	Progeroid syndromes: probing the molecular basis of aging?	Kipling D	Mol Pathol. 1997 Oct;50(5):234-41.	1997	1998/3/14	9497912
3580	Telomerase, checkpoints and cancer	Harley CB	Cancer Surv. 1997;29:263-84.	1997	1997/1/1	9338104

3581	Telomeres and telomerase: biological and clinical importance	Dahse R	Clin Chem. 1997 May;43(5):708-14.	1997	1997/5/1	9166220
3582	Reflections on telomeres, growth, aging, and essential hypertension	Aviv A	Hypertension. 1997 May;29(5):1067-72.	1997	1997/5/1	9149667
3583	Molecular pathogenesis of aging and cancer: are telomeres and telomerase the connection?	Shay JW	J Clin Pathol. 1997 Oct;50(10):799-800.	1997	1998/2/14	9462257
3584	[Biological mechanisms of aging]	Lapière CM	Rev Med Liege. 1997 Apr;52(4):193-6.	1997	1997/4/1	9273605
3585	The kinetics of senescence in retinal pigmented epithelial cells: a test for the telomere hypothesis of ageing?	Rawes V	Biochemistry (Mosc). 1997 Nov;62(11):1291-5.	1997	1998/2/19	9467853
3586	Examination of telomere lengths in muscle tissue casts doubt on replicative aging as cause of progression in Duchenne muscular dystrophy	Oexle K	Pediatr Res. 1997 Aug;42(2):226-31.	1997	1997/8/1	9262227
3587	Telomerase in human development and cancer	Shay JW	J Cell Physiol. 1997 Nov;173(2):266-70.	1997	1997/11/20	9365534
3588	Telomeres, senescence and cellular radiation response	Crompton NE	Cell Mol Life Sci. 1997 Jul;53(7):568-75.	1997	1997/7/1	9284959
3589	Link between aging and the nucleolus	Guarente L	Genes Dev. 1997 Oct 1;11(19):2449-55.	1997	1997/10/23	9334311
3590	[Human senescence, cancer and telomerase]	Ide T	Tanpakushitsu Kakusan Koso. 1997 Jul;42(9):1351-74.	1997	1997/7/1	9216229
3591	[Role of free radicals, telomeres, and telomerases in aging and cancerogenesis]	La Torre F	Minerva Med. 1997 May;88(5):205-14.	1997	1997/5/1	9280863
3592	[Chromosomal telomere and neoplastic transformation and aging of cells]	Ishikawa F	Nihon Naika Gakkai Zasshi. 1997 Jan 10;86(1):154-61.	1997	1997/1/10	9102417
3593	Aging is a specific biological function rather than the result of a disorder in complex living systems: biochemical evidence in support of Weismann's hypothesis	Skulachev VP	Biochemistry (Mosc). 1997 Nov;62(11):1191-5.	1997	1998/2/19	9467841
3594	A hypothesis that aging results from defects in genetically produced proteins	Secerbegovic S	Med Hypotheses. 1997 Jun;48(6):531-3.	1997	1997/6/1	9247899
3595	Immortalized cells with no detectable telomerase activity. A review	Reddel RR	Biochemistry (Mosc). 1997 Nov;62(11):1254-62.	1997	1998/2/19	9467849
3596	The biology of replicative senescence	Campisi J	Eur J Cancer. 1997 Apr;33(5):703-9.	1997	1997/4/1	9282108

3597	Alteration of telomeric sequences and senescence caused by mutations in RAD50 of Saccharomyces cerevisiae	Kironmai KM	Genes Cells. 1997 Jul;2(7):443-55.	1997	1997/7/1	9366550
3598	Genetic changes associated with immortalization. A review	Duncan EL	Biochemistry (Mosc). 1997 Nov;62(11):1263-74.	1997	1998/2/19	9467850
3599	[Telomeres and telomerase]	Dahse R	Pathologe. 1997 Nov;18(6):425-9.	1997	1998/2/6	9451730
3600	Replicative senescence and cell immortality: the role of telomeres and telomerase	Chiu CP	Proc Soc Exp Biol Med. 1997 Feb;214(2):99-106.	1997	1997/2/1	9034126
3601	Telomeres, cancer, and aging. Altering the human life span	Banks DA	JAMA. 1997 Oct 22-29;278(16):1345-8.	1997	1997/10/29	9343466
3602	Mortality and immortality at the cellular level. A review	Hayflick L	Biochemistry (Mosc). 1997 Nov;62(11):1180-90.	1997	1998/2/19	9467840
3603	DNA reorganization and biological aging. A review	Osiewacz HD	Biochemistry (Mosc). 1997 Nov;62(11):1275-84.	1997	1998/2/19	9467851
3604	Possible mechanisms for the regulation of telomere length	Kowald A	J Mol Biol. 1997 Nov 7;273(4):814-25.	1997	1998/2/12	9367774
3605	In vivo telomere dynamics of human hematopoietic stem cells	Notaro R	Proc Natl Acad Sci U S A. 1997 Dec 9;94(25):13782-5.	1997	1998/2/12	9391104
3606	Telomere length regulation during postnatal development and ageing in Mus spretus	Coviello-McLaughlin GM	Nucleic Acids Res. 1997 Aug 1;25(15):3051-8.	1997	1997/8/1	9224604
3607	A tale of mice without 'tails'	Ishikawa F	Nat Genet. 1997 Nov;17(3):257-8.	1997	1997/11/14	9354779
3608	Aging chromosome telomeres: parallel studies with terminal repeat and telomere associated DNA probes	Benn P	Mech Ageing Dev. 1997 Dec 15;99(2):153-66.	1997	1998/3/4	9483489
3609	Critical telomere shortening regulated by the ataxia-telangiectasia gene acts as a DNA damage signal leading to activation of p53 protein and limited life-span of human diploid fibroblasts. A review	Vaziri H	Biochemistry (Mosc). 1997 Nov;62(11):1306-10.	1997	1998/2/19	9467855
3610	Telomere dynamics and telomerase activity in in vitro immortalised human cells	Bryan TM	Eur J Cancer. 1997 Apr;33(5):767-73.	1997	1997/4/1	9282115
3611	Human ageing and telomeres	Harley CB	Ciba Found Symp. 1997;211:129-39; discussion 139-44.	1997	1997/1/1	9524755
3612	The immortality enzyme. A newly discovered gene may help scientists combat cancer and ailments linked to aging	Nash JM	Time. 1997 Sep 1;150(9):65.	1997	1997/8/5	10173228

3613	[Detection of telomerase activity and its clinical application]	Ohyashiki K	Rinsho Byori. 1997 Dec;45(12):1133-41.	1997	1998/1/23	9437893
3614	The implications of telomerase biochemistry for human disease	Morin GB	Eur J Cancer. 1997 Apr;33(5):750-60.	1997	1997/4/1	9282113
3615	Redistribution of silencing proteins from telomeres to the nucleolus is associated with extension of life span in S. cerevisiae	Kennedy BK	Cell. 1997 May 2;89(3):381-91.	1997	1997/5/2	9150138
3616	[Telomeres, telomerase and cancer]	Soria JC	Bull Cancer. 1997 Oct;84(10):963-70.	1997	1998/1/22	9435798
3617	Gradual phenotypic conversion associated with immortalization of cultured human mammary epithelial cells	Stampfer MR	Mol Biol Cell. 1997 Dec;8(12):2391-405.	1997	1997/12/17	9398663
3618	Clinical implications of telomerase in cancer	Kim NW	Eur J Cancer. 1997 Apr;33(5):781-6.	1997	1997/4/1	9282117
3619	[Telomerase, aging, cancer]	Egorov EE	Mol Biol (Mosk). 1997 Jan-Feb;31(1):16-24.	1997	1997/1/1	9173237
3620	Eighth Annual Pezcoller Symposium: genomic instability and immortality in cancer	Mihich E	Cancer Res. 1997 Oct 1;57(19):4437-41.	1997	1997/10/23	9331109
3621	Replicative senescence of T cells: does the Hayflick Limit lead to immune exhaustion?	Effros RB	Immunol Today. 1997 Sep;18(9):450-4.	1997	1997/9/18	9293162
3622	[Molecular mechanisms of senescence in cell culture]	von Zglinicki T	Z Gerontol Geriatr. 1997 Jan-Feb;30(1):24-8.	1997	1997/1/1	9156811
3623	The beginnings of the end	Davidson SN	Healthc Forum J. 1997 Mar-Apr;40(2):40-2, 47.	1997	1997/2/6	10165456
3624	Decrease in amplified telomeric sequences and induction of senescence markers by introduction of human chromosome 7 or its segments in SUSM-1	Nakabayashi K	Exp Cell Res. 1997 Sep 15;235(2):345-53.	1997	1997/9/23	9299158
3625	Bypass of senescence after disruption of p21CIP1/WAF1 gene in normal diploid human fibroblasts	Brown JP	Science. 1997 Aug 8;277(5327):831-4.	1997	1997/8/8	9242615
3626	Chromosomal instability and telomere length variations during the life span of human fibroblast clones	Mondello C	Exp Cell Res. 1997 Nov 1;236(2):385-96.	1997	1997/11/21	9367622
3627	Multiple pathways for the regulation of telomerase activity	Holt SE	Eur J Cancer. 1997 Apr;33(5):761-6.	1997	1997/4/1	9282114
3628	Telomere structure and telomerase expression during mouse development and tumorigenesis	Kipling D	Eur J Cancer. 1997 Apr;33(5):792-800.	1997	1997/4/1	9282119

3629	Tales of tails: regulation of telomere length and telomerase activity during lymphocyte development, differentiation, activation, and aging	Weng NP	Immunol Rev. 1997 Dec;160:43-54.	1997	1998/2/26	9476664
3630	Multiple pathways to cellular senescence: role of telomerase repressors	Oshimura M	Eur J Cancer. 1997 Apr;33(5):710-5.	1997	1997/4/1	9282109
3631	Loss of CD28 expression on T lymphocytes: a marker of replicative senescence	Effros RB	Dev Comp Immunol. 1997 Nov-Dec;21(6):471-8.	1997	1998/2/17	9463780
3632	[Effect of reverse transcriptase inhibitors on telomerase function in immortal murine fibroblasts]	Egorov EE	Mol Biol (Mosk). 1997 Jan-Feb;31(1):130-6.	1997	1997/1/1	9173232
3633	Telomere length, telomerase activity, and replicative potential in HIV infection: analysis of CD4+ and CD8+ T cells from HIV-discordant monozygotic twins	Palmer LD	J Exp Med. 1997 Apr 7;185(7):1381-6.	1997	1997/4/7	9104824
3634	Immunosenescence in HIV pathogenesis	Pommier JP	Virology. 1997 Apr 28;231(1):148-54.	1997	1997/4/28	9143314
3635	ATM-dependent telomere loss in aging human diploid fibroblasts and DNA damage lead to the post-translational activation of p53 protein involving poly(ADP-ribose) polymerase	Vaziri H	EMBO J. 1997 Oct 1;16(19):6018-33.	1997	1997/10/6	9312059
3636	Changes in telomerase activity and telomere length during human T lymphocyte senescence	Pan C	Exp Cell Res. 1997 Mar 15;231(2):346-53.	1997	1997/3/15	9087176
3637	Adenovirus type 12 early region 1B 54K protein significantly extends the life span of normal mammalian cells in culture	Gallimore PH	J Virol. 1997 Sep;71(9):6629-40.	1997	1997/9/1	9261385
3638	Challenging the clock. Doctor's research may help prevent aging	Ward RD	Mich Med. 1996 Sep;95(9):46-7.	1996	1996/9/1	8897786
3639	Telomerase activity in human cancer	Shay JW	Curr Opin Oncol. 1996 Jan;8(1):66-71.	1996	1996/1/1	8868103
3640	[Gene expression during replicative senescence]	Ide T	Tanpakushitsu Kakusan Koso. 1996 Mar;41(3):228-36.	1996	1996/3/1	8720777
3641	Models of initiation of replicative senescence by loss of telomeric DNA	Allsopp RC	Exp Gerontol. 1996 Jan-Apr;31(1-2):235-43.	1996	1996/1/1	8706793
3642	Telomeres, p53 and cellular senescence	Wynford-Thomas D	Oncol Res. 1996;8(10-11):387-98.	1996	1996/1/1	9114431
3643	[Biochemistry of space and time (telomeres, telomerases, and longevity of cell populations and multicellular organisms]	Golubev AG	Biokhimiia. 1996 Nov;61(11):2045-59.	1996	1996/11/1	9004864
3644	Senescence: in search of causality	Orr WC	Dev Genet. 1996;18(2):93-8.	1996	1996/1/1	8934870

3645	In situ analysis of changes in telomere size during replicative aging and cell transformation	Henderson S	J Cell Biol. 1996 Jul;134(1):1-12.	1996	1996/7/1	8698806
3646	Telomeres, telomerase, and the cell cycle	Buchkovich KJ	Prog Cell Cycle Res. 1996;2:187-95.	1996	1996/1/1	9552395
3647	Replicative senescence: implications for in vivo aging and tumor suppression	Smith JR	Science. 1996 Jul 5;273(5271):63-7.	1996	1996/7/5	8658197
3648	Telomere (telomerase) hypothesis of aging and immortalization	Rao KS	Indian J Biochem Biophys. 1996 Apr;33(2):88-92.	1996	1996/4/1	8754618
3649	Endless quest	Holliday R	Bioessays. 1996 Jan;18(1):3-5.	1996	1996/1/1	8593161
3650	Telomeres, telomerase, and aging: origin of the theory	Olovnikov AM	Exp Gerontol. 1996 Jul-Aug;31(4):443-8.	1996	1996/7/1	9415101
3651	The location of MZF-1 at the telomere of human chromosome 19q makes it vulnerable to degeneration in aging cells	Hoffman SM	Leuk Res. 1996 Mar;20(3):281-3.	1996	1996/3/1	8637224
3652	Telomere shortening, ageing, and chromosome damage	Kormann-Bortolotto MH	Mech Ageing Dev. 1996 Jul 31;89(1):45-9.	1996	1996/7/31	8819105
3653	From telomere loss to p53 induction and activation of a DNA-damage pathway at senescence: the telomere loss/DNA damage model of cell aging	Vaziri H	Exp Gerontol. 1996 Jan-Apr;31(1-2):295-301.	1996	1996/1/1	8706799
3654	Telomere maintenance in tumour cells	Bacchetti S	Cancer Surv. 1996;28:197-216.	1996	1996/1/1	8977036
3655	The roles of telomeres and telomerase in cell life span	Counter CM	Mutat Res. 1996 Oct;366(1):45-63.	1996	1996/10/1	8921986
3656	Refining the telomere-telomerase hypothesis of aging and cancer	Holt SE	Nat Biotechnol. 1996 Jul;14(7):836-9.	1996	1996/7/1	9631006
3657	Experimental elongation of telomeres extends the lifespan of immortal x normal cell hybrids	Wright WE	EMBO J. 1996 Apr 1;15(7):1734-41.	1996	1996/4/1	8612598
3658	Structure, function, and replication of Saccharomyces cerevisiae telomeres	Zakian VA	Annu Rev Genet. 1996;30:141-72.	1996	1996/1/1	8982452
3659	Human fibroblast commitment to a senescence-like state in response to histone deacetylase inhibitors is cell cycle dependent	Ogryzko VV	Mol Cell Biol. 1996 Sep;16(9):5210-8.	1996	1996/9/1	8756678
3660	Replicative senescence: considerations relating to the stability of heterochromatin domains	Howard BH	Exp Gerontol. 1996 Jan-Apr;31(1-2):281-93.	1996	1996/1/1	8706797

3661	Shortened telomeres in the expanded CD28-CD8+ cell subset in HIV disease implicate replicative senescence in HIV pathogenesis	Effros RB	AIDS. 1996 Jul;10(8):F17-22.	1996	1996/7/1	8828735
3662	Telomere length regulation	Greider CW	Annu Rev Biochem. 1996;65:337-65.	1996	1996/1/1	8811183
3663	Telomere shortening in peripheral blood cells was related with aging but not with white blood cell count	Satoh H	Jpn J Hum Genet. 1996 Dec;41(4):413-7.	1996	1996/12/1	9088112
3664	Reversible immortalization of mammalian cells mediated by retroviral transfer and site-specific recombination	Westerman KA	Proc Natl Acad Sci U S A. 1996 Aug 20;93(17):8971-6.	1996	1996/8/20	8799138
3665	Telomerase and cancer	Harley CB	Important Adv Oncol. 1996:57-67.	1996	1996/1/1	8791128
3666	Telomeres, telomerase and cancer	Greider CW	Sci Am. 1996 Feb;274(2):92-7.	1996	1996/2/1	8560215
3667	Telomeres and telomerase in human hematologic neoplasia	Yamada O	Int J Hematol. 1996 Aug;64(2):87-99.	1996	1996/8/1	8854566
3668	AIDS research. Selling the immune system short	Cohen J	Science. 1996 Jul 5;273(5271):30-1.	1996	1996/7/5	8658187
3669	Telomeres and telomerase: a simple picture becomes complex	Lundblad V	Cell. 1996 Nov 1;87(3):369-75.	1996	1996/11/1	8898191
3670	Mild hyperoxia shortens telomeres and inhibits proliferation of fibroblasts: a model for senescence?	von Zglinicki T	Exp Cell Res. 1995 Sep;220(1):186-93.	1995	1995/9/1	7664835
3671	Replicative senescence and cell death	Linskens MH	Science. 1995 Jan 6;267(5194):17.	1995	1995/1/6	7848496
3672	Telomerase that shapes our ends	Steel M	Lancet. 1995 Apr 15;345(8955):935-6.	1995	1995/4/15	7715287
3673	[A paradox: the short duration of life in the presence of long telomeres]	Olovnikov AM	Ontogenez. 1995 Jul-Aug;26(4):332-4.	1995	1995/7/1	7478447
3674	Telomere shortening is associated with cell division in vitro and in vivo	Allsopp RC	Exp Cell Res. 1995 Sep;220(1):194-200.	1995	1995/9/1	7664836
3675	Mathematical modeling of the loss of telomere sequences	Arino O	J Theor Biol. 1995 Nov 7;177(1):45-57.	1995	1995/11/7	8551749
3676	Telomeres and telomerase in aging and cancer	Harley CB	Curr Opin Genet Dev. 1995 Apr;5(2):249-55.	1995	1995/4/1	7613096

3677	[The role of incomplete terminal repair of chromosomal DNA in the aging of neurons and postmitotic organisms]	Olovnikov AM	Izv Akad Nauk Ser Biol. 1995 Jul-Aug;(4):504-7.	1995	1995/7/1	7496320
3678	Telomere shortening in chronic liver diseases	Kitada T	Biochem Biophys Res Commun. 1995 Jun 6;211(1):33-9.	1995	1995/6/6	7779103
3679	Telomere length and replicative aging in human vascular tissues	Chang E	Proc Natl Acad Sci U S A. 1995 Nov 21;92(24):11190-4.	1995	1995/11/21	7479963
3680	Evidence for a critical telomere length in senescent human fibroblasts	Allsopp RC	Exp Cell Res. 1995 Jul;219(1):130-6.	1995	1995/7/1	7628529
3681	Chromosomal instability and alteration of telomere repeat sequences	Pommier JP	Biochimie. 1995;77(10):817-25.	1995	1995/1/1	8824780
3682	Aging and cancer: are telomeres and telomerase the connection?	Shay JW	Mol Med Today. 1995 Nov;1(8):378-84.	1995	1995/11/1	9415184
3683	DNA repair fine structure and its relations to genomic instability	Bohr VA	Carcinogenesis. 1995 Dec;16(12):2885-92.	1995	1995/12/1	8603460
3684	Alterations in p53 and p16INK4 expression and telomere length during spontaneous immortalization of Li-Fraumeni syndrome fibroblasts	Rogan EM	Mol Cell Biol. 1995 Sep;15(9):4745-53.	1995	1995/9/1	7651392
3685	Alteration of DNA and RNA binding activity of human telomere binding proteins occurs during cellular senescence	Hubbard K	Exp Cell Res. 1995 May;218(1):241-7.	1995	1995/5/1	7537692
3686	Telomere elongation in immortal human cells without detectable telomerase activity	Bryan TM	EMBO J. 1995 Sep 1;14(17):4240-8.	1995	1995/9/1	7556065
3687	The proterminal regions and telomeres of human chromosomes	Royle NJ	Adv Genet. 1995;32:273-315.	1995	1995/1/1	7741024
3688	Restoration of the cellular senescence program and repression of telomerase by human chromosome 3	Ohmura H	Jpn J Cancer Res. 1995 Oct;86(10):899-904.	1995	1995/10/1	7493906
3689	DNA damage, mutation and fine structure DNA repair in aging	Bohr VA	Mutat Res. 1995 Oct;338(1-6):25-34.	1995	1995/10/1	7565878
3690	Developmental and tissue-specific regulation of mouse telomerase and telomere length	Prowse KR	Proc Natl Acad Sci U S A. 1995 May 23;92(11):4818-22.	1995	1995/5/23	7761406
3691	Telomerase activity in normal leukocytes and in hematologic malignancies	Counter CM	Blood. 1995 May 1;85(9):2315-20.	1995	1995/5/1	7727765
3692	Genetic modulation of telomeric terminal restriction-fragment length: relevance for clonal aging and late-life disease	Martin GM	Am J Hum Genet. 1994 Nov;55(5):866-9.	1994	1994/11/1	7977347

3693	Evidence for a mitotic clock in human hematopoietic stem cells: loss of telomeric DNA with age	Vaziri H	Proc Natl Acad Sci U S A. 1994 Oct 11;91(21):9857-60.	1994	1994/10/11	7937905
3694	Genetic determination of telomere size in humans: a twin study of three age groups	Slagboom PE	Am J Hum Genet. 1994 Nov;55(5):876-82.	1994	1994/11/1	7977349
3695	Activation of telomerase in a human tumor	de Lange T	Proc Natl Acad Sci U S A. 1994 Apr 12;91(8):2882-5.	1994	1994/4/12	8159672
3696	[Telomere hypothesis of cell aging]	Jaruga E	Postepy Biochem. 1994;40(3):161-5.	1994	1994/1/1	7937405
3697	Centromeric and telomeric repeats are stable in nonagenarians as revealed by the double hybridization fluorescent in situ technique	Luke S	Genet Anal Tech Appl. 1994;11(3):77-80.	1994	1994/1/1	7803133
3698	Chromosome ends catch fire	Marx J	Science. 1994 Sep 16;265(5179):1656-8.	1994	1994/9/16	7521969
3699	SV40-induced immortalization of human cells	Bryan TM	Crit Rev Oncog. 1994;5(4):331-57.	1994	1994/1/1	7711112
3700	Telomerase activity in human ovarian carcinoma	Counter CM	Proc Natl Acad Sci U S A. 1994 Apr 12;91(8):2900-4.	1994	1994/4/12	8159676
3701	[Molecular genetics of mitochondria and diabetes]	Kagawa Y	Nihon Rinsho. 1994 Oct;52(10):2599-605.	1994	1994/10/1	7983785
3702	Chromosome alterations in cancer development and apoptosis	Pathak S	In Vivo. 1994 Nov-Dec;8(5):843-50.	1994	1994/11/1	7727734
3703	[Telomere, cellular senescence and transformation]	Ohmura H	Nihon Rinsho. 1993 Jul;51(7):1899-906.	1993	1993/7/1	8366614
3704	Aging, healing, and the metabolism of telomeres	Broccoli D	Am J Hum Genet. 1993 Apr;52(4):657-60.	1993	1993/4/1	8460631
3705	Loss of telomeric DNA during aging of normal and trisomy 21 human lymphocytes	Vaziri H	Am J Hum Genet. 1993 Apr;52(4):661-7.	1993	1993/4/1	8460632
3706	Telomere reduction in giant cell tumor of bone and with aging	Schwartz HS	Cancer Genet Cytogenet. 1993 Dec;71(2):132-8.	1993	1993/12/1	8281516
3707	Toward a molecular understanding of human breast cancer: a hypothesis	Shay JW	Breast Cancer Res Treat. 1993;25(1):83-94.	1993	1993/1/1	8518411
3708	E6 of human papillomavirus type 16 can overcome the M1 stage of immortalization in human mammary epithelial cells but not in human fibroblasts	Shay JW	Oncogene. 1993 Jun;8(6):1407-13.	1993	1993/6/1	8389027

3709	The telomere hypothesis of cellular aging	Harley CB	Exp Gerontol. 1992 Jul-Aug;27(4):375-82.	1992	1992/7/1	1459213
3710	The dynamics of genome organization and expression during the aging process	Slagboom PE	Ann N Y Acad Sci. 1992 Dec 26;673:58-69.	1992	1992/12/26	1485735
3711	[Aging is a result of a shortening of the "differotene" in the telomere due to end under-replication and under-repair of DNA]	Olovnikov AM	Izv Akad Nauk SSSR Biol. 1992 Jul-Aug;(4):641-3.	1992	1992/7/1	1452909
3712	The two-stage mechanism controlling cellular senescence and immortalization	Wright WE	Exp Gerontol. 1992 Jul-Aug;27(4):383-9.	1992	1992/7/1	1333985
3713	Telomere shortening associated with chromosome instability is arrested in immortal cells which express telomerase activity	Counter CM	EMBO J. 1992 May;11(5):1921-9.	1992	1992/5/1	1582420
3714	In vivo loss of telomeric repeats with age in humans	Lindsey J	Mutat Res. 1991 Jan;256(1):45-8.	1991	1991/1/1	1944386
3715	Telomere loss: mitotic clock or genetic time bomb?	Harley CB	Mutat Res. 1991 Mar-Nov;256(2-6):271-82.	1991	1991/3/1	1722017