

"Telomere & Endocrine System(Diabetes)" Articles

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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Relative leucocyte telomere length is associated with incident end-stage kidney disease and rapid decline of kidney function in type 2 diabetes: analysis from the Hong Kong Diabetes Register	Cheng F	Diabetologia. 2022 Feb;65(2):375-386.	2022	2021/11/22	34807303	*
2	The Impact of Exercise on Telomere Length, DNA Methylation and Metabolic Footprints	Haupt S	Cells. 2022 Jan 4;11(1):153.	2022	2022/1/11	35011715	
3	Association Between Baseline Buccal Telomere Length and Progression of Kidney Function: The Health and Retirement Study	Westbrook A	J Gerontol A Biol Sci Med Sci. 2022 Jan 8;olac004	2022	2022/1/12	35018411	
4	Hypophosphorylated pRb knock-in mice exhibit hallmarks of aging and vitamin C-preventable diabetes	Jiang Z	EMBO J. 2022 Jan 13:e106825.	2022	2022/1/13	35023164	
5	Novel anti-aging herbal formulation Jing Si displays pleiotropic effects against aging associated disorders	Shibu MA	Biomed Pharmacother. 2022 Feb;146:112427.	2022	2022/1/22	35062051	
6	Loss of SIRT1 in diabetes accelerates DNA damage-induced vascular calcification	Bartoli-Leonard F	Cardiovasc Res. 2021 Feb 22;117(3):836-849	2021	2020/5/14	32402066	*
7	MODY patients exhibit shorter telomere length than non-diabetic subjects	Millan AL	Diabetes Metab Res Rev. 2021 Feb;37(2):e3374	2021	2020/6/27	32588935	*
8	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	*
9	The effect of environmental Bisphenol A exposure on breast cancer associated with obesity	Engin AB	Environ Toxicol Pharmacol. 2021 Jan;81:103544	2021	2020/11/8	33161112	
10	Physical activity attenuated the association of air pollutants with telomere length in rural Chinese adults	Li R	Sci Total Environ. 2021 Mar 10;759:143491.	2021	2020/11/21	33218817	
11	Obesity at Age 6 Months Is Associated with Shorter Preschool Leukocyte Telomere Length Independent of Parental Telomere Length	Baskind MJ	J Pediatr. 2021 Jun;233:141-149.	2021	2020/11/26	33242471	
12	Diabetes, metabolic disease, and telomere length	Cheng F	Lancet Diabetes Endocrinol. 2021 Feb;9(2):117-126	2021	2020/11/29	33248477	*

13	Reduced leukocyte telomere lengths and sirtuin 1 gene expression in long-term survivors of type 1 diabetes: A Dialong substudy	Opstad TB	J Diabetes Investig. 2021 Jul;12(7):1183-1192	2021	2020/11/29	33249778	*
14	Telomere length mediates the association between polycyclic aromatic hydrocarbons exposure and abnormal glucose level among Chinese coke oven plant workers	Zhang B	Chemosphere. 2021 Mar;266:129111.	2021	2020/12/14	33310362	
15	The Association between Antidiabetic Agents and Leukocyte Telomere Length in the Novel Classification of Type 2 Diabetes Mellitus	Huang J	Gerontology. 2021;67(1):60-68.	2021	2020/12/15	33321495	*
16	Association study of leukocyte telomere length and genetic polymorphism within hTERT promoter with type 2 diabetes in Bangladeshi population	Goswami A	Mol Biol Rep. 2021 Jan;48(1):285-295.	2021	2021/1/3	33389530	*
17	Shortened relative leukocyte telomere length is associated with all-cause mortality in type 2 diabetes- analysis from the Hong Kong Diabetes Register	Cheng F	Diabetes Res Clin Pract. 2021 Mar;173:108649.	2021	2021/1/10	33422583	*
18	Telomere Length as a Biomarker for Race-Related Health Disparities	Selvaraju V	Genes (Basel). 2021 Jan 9;12(1):78.	2021	2021/1/13	33435482	
19	Risk factors associated with the development of interstitial lung abnormalities	Buendía-Roldán I	Eur Respir J. 2021 Aug 5;58(2):2003005.	2021	2021/1/15	33446609	
20	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	
21	Weight fluctuation and risk of hepatocellular carcinoma: a nationwide population-based 8-million-subject study	Chang Y	Hepatol Int. 2021 Apr;15(2):482-492.	2021	2021/2/18	33598868	*
22	A Biopsychosocial Framework to Examine Risk for Type 2 Diabetes in Asian Pacific Islander Immigrants	Connor JB	Res Theory Nurs Pract. 2021 Feb 1;35(1):82-96	2021	2021/2/26	33632924	
23	A Stress Syndrome Prototype Reflects Type 3 Diabetes and Ischemic Stroke Risk: The SABPA Study	Malan L	Biology (Basel). 2021 Feb 18;10(2):162.	2021	2021/3/6	33670473	
24	Environmental Exposure during Pregnancy: Influence on Prenatal Development and Early Life: A Comprehensive Review	Gómez-Roig MD	Fetal Diagn Ther. 2021;48(4):245-257.	2021	2021/3/18	33735860	
25	Telomere Length and Oxidative Stress and Its Relation with Metabolic Syndrome Components in the Aging	Gavia-García G	Biology (Basel). 2021 Mar 24;10(4):253.	2021	2021/4/3	33804844	
26	[Accelerated telomere erosion in schizophrenia: A literature review]	Corfdir C	Encephale. 2021 Aug;47(4):369-375.	2021	2021/4/17	33863507	
27	Postnatal Catch-Up Growth Programs Telomere Dynamics and Glucose Intolerance in Low Birth Weight Mice	Pericuesta E	Int J Mol Sci. 2021 Apr 1;22(7):3657.	2021	2021/4/30	33915805	*
28	Antidiabetic E4orf1 protein prevents hepatic steatosis and reduces markers of aging-related cellular damage in high fat fed older mice	Mostofinejad Z	BMJ Open Diabetes Res Care. 2021 May;9(1):e002096	2021	2021/5/4	33941552	

29	Mini-review: The anti-aging effects of lithium in bipolar disorder	Salarda EM	Neurosci Lett. 2021 Aug 10;759:136051.	2021	2021/6/17	34139318	
30	Shorter leukocyte telomere length is associated with severity of COVID-19 infection	Dos Santos GA	Biochem Biophys Rep. 2021 Sep;27:101056.	2021	2021/6/21	34151032	
31	Telomere Length and Pediatric Obesity: A Review	Azcona-Sanjulian MC	Genes (Basel). 2021 Jun 21;12(6):946.	2021	2021/7/2	34205609	
32	Significant improvement of stress and aging biomarkers using a novel stress management program with the cognitive restructuring method "Pythagorean Self-Awareness Intervention" in patients with	Athanasopoulou S	Mech Ageing Dev. 2021 Sep;198:111538.	2021	2021/7/4	34217756	
33	Biomedical applications of metal oxide nanoparticles in aging and age-associated diseases	Yadav S	3 Biotech. 2021 Jul;11(7):338.	2021	2021/7/5	34221809	
34	Longer Leukocyte Telomere Length Predicts Stronger Response to a Workplace Sugar-Sweetened Beverage Sales Ban: An Exploratory Study	Wojcicki JM	Curr Dev Nutr. 2021 May 26;5(7):nzab084.	2021	2021/7/8	34235373	*
35	The bad relationship, osteo-decay and diabetes type 2 searching for a link: a literature review	Gargiulo Isacco C	J Biol Regul Homeost Agents. 2021 Mar-Apr;35(2 Suppl. 1):253-254.	2021	2021/7/20	34281323	
36	Trends in Natural Nutrients for Oxidative Stress and Cell Senescence	Omidifar N	Oxid Med Cell Longev. 2021 Jul 1;2021:7501424.	2021	2021/7/26	34306314	
37	Increased telomere length in patients with frontotemporal dementia syndrome	Kim EJ	J Neurol Sci. 2021 Sep 15;428:117565.	2021	2021/7/26	34311139	
38	The Potential of Calorie Restriction and Calorie Restriction Mimetics in Delaying Aging: Focus on Experimental Models	Giacomello E	Nutrients. 2021 Jul 9;13(7):2346.	2021	2021/8/10	34371855	
39	MNS16A VNTR polymorphism of human telomerase gene: Elucidation of a gender specific potential allele associated with type 2 diabetes in Bangladeshi population	Huda N	J Diabetes Complications. 2021 Oct;35(10):108018.	2021	2021/8/18	34404572	*
40	Associations of telomere length at birth with predicted atherosclerotic lesions and cardiovascular disease risk factors in midlife: A 40-year longitudinal study	Niu Z	Atherosclerosis. 2021 Sep;333:67-74.	2021	2021/8/24	34428605	
41	Association of leukocyte telomere length with metabolic syndrome in type 2 diabetes mellitus	Peng X	J Res Med Sci. 2021 Jul 31;26:43.	2021	2021/9/6	34484375	*
42	Beneficial Primary Outcomes of Metabolic Surgery with Changes in Telomere Length and Mitochondrial DNA in Obese Asian Indians with Dyslipidemia	Chandru S	J Assoc Physicians India. 2021 Sep;69(9):11-12.	2021	2021/9/29	34585887	*
43	Cycloastragenol and Astragaloside IV activate telomerase and protect nucleus pulposus cells against high glucose-induced senescence and apoptosis	Hong H	Exp Ther Med. 2021 Nov;22(5):1326.	2021	2021/10/11	34630680	
44	Data on RNA-seq analysis of Drosophila melanogaster during ageing	Bajgirani M	Data Brief. 2021 Sep 22;38:107413.	2021	2021/10/11	34632013	

45	Association of leukocyte telomere length with chronic kidney disease in East Asians with type 2 diabetes: a Mendelian randomization study	Gurung RL	Clin Kidney J. 2021 Mar 26;14(11):2371-2376.	2021	2021/11/10	34754432	*
46	Gender Difference in Associations Between Telomere Length and Risk Factors in Patients With Stroke	Wang Y	Front Aging Neurosci. 2021 Nov 4;13:719538.	2021	2021/11/22	34803652	*
47	Accelerated Biological Aging Secondary to Cardiometabolic Risk Factors Is a Predictor of Cardiovascular Mortality: A Systematic Review and Meta-analysis	Emami M	Can J Cardiol. 2021 Nov 23:S0828-282X(21)00813-8	2021	2021/11/25	34822967	
48	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	*
49	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	
50	Telomere length in healthy newborns is not affected by adverse intrauterine environments	Hahn MC	Genet Mol Biol. 2021 Dec 3;44(4):e20200411	2021	2021/12/7	34874050	
51	Association of antidiabetic therapy with shortened telomere length in middle-aged Type 2 diabetic patients	Al-Thuwaini TM	J Diabetes Metab Disord. 2021 Jun 19;20(2):1161-1168	2021	2021/12/13	34900769	*
52	Metformin for Cardiovascular Protection, Inflammatory Bowel Disease, Osteoporosis, Periodontitis, Polycystic Ovarian Syndrome, Neurodegeneration, Cancer, Inflammation and Senescence: What Is	Ala M	ACS Pharmacol Transl Sci. 2021 Nov 1;4(6):1747-1770	2021	2021/12/20	34927008	
53	Association of Telomere Length and Serum Vitamin D Levels with Type 2 Diabetes Mellitus and its Related Complications: A Possible Future Perspective	Akash C	Genome Integr. 2021 Nov 18;12:2.	2021	2022/1/3	34976365	*
54	Shorter Telomere Length in Carriers of APOE-ε4 and High Plasma Concentration of Glucose, Glyoxal and Other Advanced Glycation End Products (AGEs)	Dhillon VS	J Gerontol A Biol Sci Med Sci. 2020 Sep 25;75(10):1894-1898	2020	2019/9/22	31541246	
55	Evidence for Accelerated Biological Aging in Young Adults with Prader-Willi Syndrome	Donze SH	J Clin Endocrinol Metab. 2020 Jun 1;105(6):2053-9	2020	2019/11/6	31689713	
56	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	
57	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	
58	Leukocyte Telomere Length, DNA Oxidation, and Risk of Lower-Extremity Amputation in Patients With Long-standing Type 1 Diabetes	Sanchez M	Diabetes Care. 2020 Apr;43(4):828-834.	2020	2020/1/29	31988064	*
59	Altered circulatory levels of miR-128, BDNF, cortisol and shortened telomeres in patients with type 2 diabetes and depression	Prabu P	Acta Diabetol. 2020 Jul;57(7):799-807.	2020	2020/2/7	32025863	*
60	Rate of dyslipidemia higher among women living with HIV: A comparison of metabolic and cardiovascular health in a cohort to study aging in HIV	Russell E	HIV Med. 2020 Aug;21(7):418-428.	2020	2020/3/14	32168418	

61	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	*
62	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	
63	Telomere Maintenance Genes are associated with Type 2 Diabetes Susceptibility in Northwest Indian Population Group	Sethi I	Sci Rep. 2020 Apr 15;10(1):6444.	2020	2020/4/17	32296102	*
64	Advanced glycation end-products accelerate telomere attrition and increase pro-inflammatory mediators in human WIL2-NS cells	Deo P	Mutagenesis. 2020 Jul 11;35(3):291-297.	2020	2020/4/23	32319517	
65	Shorter leucocyte telomere length as a potential biomarker for nonalcoholic fatty liver disease-related advanced fibrosis in T2DM patients	Dong K	Ann Transl Med. 2020 Mar;8(6):308.	2020	2020/5/2	32355752	*
66	The multifaceted role of reactive oxygen species in tumorigenesis	Kirtonia A	Cell Mol Life Sci. 2020 Nov;77(22):4459-4483.	2020	2020/5/3	32358622	
67	TELOMERE LENGTH, TELOMERASE ACTIVITY, HEART RATE VARIABILITY, OR OXIDATIVE STRESS: WHICH ONE IS MOST ASSOCIATED WITH THE ATHEROTHROMBOTIC STROKE IN THE	Cherska M	Georgian Med News. 2020 Mar;(300):43-48.	2020	2020/5/9	32383700	
68	Potential Protective Effect of Dietary Intake of Non-α-Tocopherols on Cellular Aging Markers Mediated by Tumor Necrosis Factor-α in Prediabetes: A Cross-Sectional Study of Chinese Adults	Liu Y	Oxid Med Cell Longev. 2020 May 15;2020:7396801	2020	2020/6/9	32509152	
69	Telomere length in different metabolic categories: Clinical associations and modification potential	Khalangot M	Exp Biol Med (Maywood). 2020 Jul;245(13):1115-1121	2020	2020/6/10	32515222	
70	Dietary Magnesium Intake and Leukocyte Telomere Attrition in Adults: The Regulatory Role of Serum Tumor Necrosis Factor α	Yu J	Mediators Inflamm. 2020 May 22;2020:7610436	2020	2020/6/23	32565730	*
71	Results from the German Chronic Kidney Disease (GCKD) study support association of relative telomere length with mortality in a large cohort of patients with moderate chronic kidney disease	Fazzini F	Kidney Int. 2020 Aug;98(2):488-497.	2020	2020/7/10	32641227	
72	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	*
73	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	
74	The secrets of telomerase: Retrospective analysis and future prospects	Kamal S	Life Sci. 2020 Sep 15;257:118115.	2020	2020/7/23	32698073	
75	The effects of aspirin and N-3 fatty acids on telomerase activity in adults with diabetes mellitus	Holub A	Nutr Metab Cardiovasc Dis. 2020 Sep 24;30(10):1795-1799	2020	2020/7/30	32723580	*
76	Epigenetic measures of ageing predict the prevalence and incidence of leading causes of death and disease burden	Hillary RF	Clin Epigenetics. 2020 Jul 31;12(1):115.	2020	2020/8/2	32736664	

77	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	
78	Accelerated Kidney Aging in Diabetes Mellitus	Guo J	Oxid Med Cell Longev. 2020 Jul 27;2020:1234059	2020	2020/8/11	32774664	
79	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	
80	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	
81	Telomere length and type 2 diabetes: Mendelian randomization study and polygenic risk score analysis	Cao L	Yi Chuan. 2020 Sep 20;42(9):882-888.	2020	2020/9/21	32952122	*
82	Analysis of lens epithelium telomere length in age-related cataract	Wang Y	Exp Eye Res. 2020 Dec;201:108279.	2020	2020/9/29	32991882	
83	Non-esterified fatty acids and telomere length in older adults: The Cardiovascular Health Study	Ahiawodzi P	Metabol Open. 2020 Sep 7;8:100058.	2020	2020/9/30	32995737	*
84	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	
85	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	
86	Telomere-Related Disorders in Fetal Membranes Associated With Birth and Adverse Pregnancy Outcomes	Polettini J	Front Physiol. 2020 Oct 2;11:561771.	2020	2020/10/30	33123024	
87	Must-Read Family Medicine Research-Glucosamine/Chondroitin Supplements and Mortality, Telomere Length and the Doctor-Patient Relationship, Reducing Opioid Use, and More	Seehusen DA	J Am Board Fam Med. 2020 Nov-Dec;33(6):823-826	2020	2020/11/21	33219058	
88	Correlation of Telomere Length in Adipose Tissue and Leukocytes and its Association with Postsurgical Weight Loss	Gurung RL	Obesity (Silver Spring). 2020 Dec;28(12):2424-2430	2020	2020/11/24	33230966	*
89	Age-associated telomere attrition in adipocyte progenitors predisposes to metabolic disease	Gao Z	Nat Metab. 2020 Dec;2(12):1482-1497.	2020	2020/12/16	33324010	
90	[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	*
91	Pregnancy by Assisted Reproductive Technology Is Associated with Shorter Telomere Length in Neonates	Minamoto T	Int J Mol Sci. 2020 Dec 18;21(24):9688.	2020	2020/12/23	33353140	
92	Analogous telomeres shortening and different metabolic profile: hypertension versus hypertension/type 2 diabetes mellitus comorbidity	AlDehaini DMB	Cardiovasc Endocrinol Metab. 2020 Sep 3;10(2):106-112	2020	2021/6/11	34113796	*

93	Ethnic disparities in relationships of obesity indices with telomere length in Asians with type 2 diabetes	Gurung RL	J Diabetes. 2019 May;11(5):386-393.	2019	2018/10/4	30281200	*
94	Association of psychosocial factors with leukocyte telomere length among African Americans in the Jackson Heart Study	Jordan CD	Stress Health. 2019 Apr;35(2):138-145.	2019	2018/11/9	30407711	
95	Testosterone therapy to prevent type 2 diabetes mellitus in at-risk men (T4DM): Design and implementation of a double-blind randomized controlled trial	Wittert G	Diabetes Obes Metab. 2019 Apr;21(4):772-780	2019	2018/12/7	30520208	
96	Metformin inhibits mitochondrial adaptations to aerobic exercise training in older adults	Konopka AR	Aging Cell. 2019 Feb;18(1):e12880.	2019	2018/12/15	30548390	
97	Cognitive impairment, brain ischemia and shorter telomeres are predictors of mortality in the Japanese elderly: A 13-year prospective community-based study	Igari R	J Neurol Sci. 2019 Feb 15;397:129-134.	2019	2019/1/8	30616055	
98	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	
99	Association between antidiabetic agents use and leukocyte telomere shortening rates in patients with type 2 diabetes	Liu J	Aging (Albany NY). 2019 Jan 28;11(2):741-755	2019	2019/1/30	30694216	*
100	Expression of telomere repeat binding factor 1 and TRF2 in Alzheimer's disease and correlation with clinical parameters	Wu Q	Neurol Res. 2019 Jun;41(6):504-509.	2019	2019/2/15	30761946	
101	Telomere length and health outcomes: An umbrella review of systematic reviews and meta-analyses of observational studies	Smith L	Ageing Res Rev. 2019 May;51:1-10.	2019	2019/2/19	30776454	*
102	Short telomere subtelomeric hypomethylation is associated with telomere attrition in elderly diabetic patients (1)	Makino N	Can J Physiol Pharmacol. 2019 Apr;97(4):335-339	2019	2019/2/21	30785764	*
103	Insulin treatment affects leukocyte telomere length in patients with type 2 diabetes: 6-year longitudinal study	Zeng JB	J Diabetes Complications. 2019 May;33(5):363-367	2019	2019/3/13	30857946	*
104	Additional Impact of Glucose Tolerance on Telomere Length in Persons With and Without Metabolic Syndrome in the Elderly Ukraine Population	Khalangot MD	Front Endocrinol (Lausanne). 2019 Feb 28;10:128	2019	2019/3/16	30873125	*
105	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	
106	Novel insights of elevated systemic levels of bisphenol-A (BPA) linked to poor glycemic control, accelerated cellular senescence and insulin resistance in patients with type 2 diabetes	Soundararajan A	Mol Cell Biochem. 2019 Aug;458(1-2):171-183.	2019	2019/4/21	31004310	*
107	Pistachio consumption modulates DNA oxidation and genes related to telomere maintenance: a crossover randomized clinical trial	Canudas S	Am J Clin Nutr. 2019 Jun 1;109(6):1738-1745	2019	2019/5/4	31051499	*
108	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	*

109	Vascular smooth muscle cell senescence and age-related diseases: State of the art	Chi C	Biochim Biophys Acta Mol Basis Dis. 2019 Jul 1;1865(7):1810-1821	2019	2019/5/22	31109451	
110	Leukocyte telomere length is associated with elevated plasma glucose and HbA1c in young healthy men independent of birth weight	Grunnet LG	Sci Rep. 2019 May 21;9(1):7639.	2019	2019/5/23	31113969	*
111	Leukocyte telomere length, lipid parameters and gestational diabetes risk: a case-control study in a Chinese population	Weng Q	Sci Rep. 2019 Jun 11;9(1):8483.	2019	2019/6/13	31186510	
112	Shortening of telomere length by metabolic factors in diabetes: protective effects of fenofibrate	Sutanto SSI	J Cell Commun Signal. 2019 Dec;13(4):523-530	2019	2019/6/17	31203557	*
113	Negative Association of Serum URIC Acid with Peripheral Blood Cellular Aging Markers	Yu J	J Nutr Health Aging. 2019;23(6):547-551.	2019	2019/6/25	31233076	
114	Exposure to jet lag aggravates depression-like behaviors and age-related phenotypes in rats subject to chronic corticosterone	Shen Q	Acta Biochim Biophys Sin (Shanghai). 2019 Aug 5;51(8):834-844	2019	2019/7/18	31314053	
115	Assessment of autonomic functions and its association with telomerase level, oxidative stress and inflammation in complete glycemic spectrum- an exploratory study	Sharma VK	Diabetes Metab Syndr. 2019 Mar-Apr;13(2):1193-1199	2019	2019/7/25	31336464	*
116	Age-related morphological changes in the pancreas and their association with pancreatic carcinogenesis	Matsuda Y	Pathol Int. 2019 Aug;69(8):450-462.	2019	2019/7/25	31339204	
117	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	*
118	Benchmark dose assessment for coke oven emissions-induced telomere length effects in occupationally exposed workers in China	Wang W	Ecotoxicol Environ Saf. 2019 Oct 30;182:109453	2019	2019/7/27	31349105	
119	Clinical associations with telomere length in chronic spinal cord injury	Monroe DM	Spinal Cord. 2019 Dec;57(12):1084-1093.	2019	2019/8/7	31383950	
120	Reprogramming of Human Peripheral Blood Mononuclear Cell (PBMC) from a patient suffering of a Werner syndrome resulting in iPSC line (REGLi003-A) maintaining a short telomere length	Gatinois V	Stem Cell Res. 2019 Aug;39:101515.	2019	2019/8/13	31404747	
121	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	
122	Genetic Variants Related to Cell Cycle and Stability of Telomere in Patients with Glioma	Calastri MCJ	Asian Pac J Cancer Prev. 2019 Aug 1;20(8):2345-2351	2019	2019/8/28	31450905	
123	Oxidative Stress: Role and Response of Short Guanine Tracts at Genomic Locations	Singh A	Int J Mol Sci. 2019 Aug 30;20(17):4258.	2019	2019/9/5	31480304	
124	A Prospective Study of Leukocyte Telomere Length and Risk of Gestational Diabetes in a Multiracial Cohort	Lin Y	Epidemiology. 2019 Nov;30 Suppl 2(Suppl 2):S10-S16	2019	2019/10/1	31569148	*

125	Childhood obesity and leucocyte telomere length	Lamprokostopoulou A	Eur J Clin Invest. 2019 Dec;49(12):e13178.	2019	2019/10/15	31610015	
126	Genome-Wide Assessment for Resting Heart Rate and Shared Genetics With Cardiometabolic Traits and Type 2 Diabetes	Guo Y	J Am Coll Cardiol. 2019 Oct 29;74(17):2162-2174	2019	2019/10/26	31648709	*
127	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	
128	Effects of Aging and Diet on Cardioprotection and Cardiometabolic Risk Markers	Corina A	Curr Pharm Des. 2019;25(35):3704-3714	2019	2019/11/7	31692432	
129	Beneficial Effects of n-3 Polyunsaturated Fatty Acids on Offspring's Pancreas of Gestational Diabetes Rats	Gao J	J Agric Food Chem. 2019 Dec 4;67(48):13269-13281	2019	2019/11/15	31725275	
130	Effects of high glucose conditions on the expansion and differentiation capabilities of mesenchymal stromal cells derived from rat endosteal niche	Al-Qarakhli AMA	BMC Mol Cell Biol. 2019 Nov 21;20(1):51.	2019	2019/11/23	31752674	
131	Differently Expressed Genes (DEGs) Relevant to Type 2 Diabetes Mellitus Identification and Pathway Analysis via Integrated Bioinformatics Analysis	Che X	Med Sci Monit. 2019 Dec 4;25:9237-9244.	2019	2019/12/5	31797865	
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134	Leukocyte telomere length correlates with glucose control in adults with recently diagnosed type 2 diabetes	Rosa ECCC	Diabetes Res Clin Pract. 2018 Jan;135:30-36.	2018	2017/11/7	29107760	*
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142	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	
143	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	
144	Vascular Senescence in Cardiovascular and Metabolic Diseases	Katsuumi G	Front Cardiovasc Med. 2018 Mar 5;5:18.	2018	2018/3/21	29556500	*
145	Assessment of telomerase activity in leukocytes of type 2 diabetes mellitus patients having or not foot ulcer: Possible correlation with other clinical parameters	Baltzis D	Exp Ther Med. 2018 Apr;15(4):3420-3424.	2018	2018/4/5	29616085	*
146	Complex phenotype of dyskeratosis congenita and mood dysregulation with novel homozygous RTEL1 and TPH1 variants	Ungar RA	Am J Med Genet A. 2018 Jun;176(6):1432-1437.	2018	2018/4/27	29696773	
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148	Chronic Obesity and Incident Hypertension in Latina Women Are Associated with Accelerated Telomere Length Loss over a 1-Year Period	Wojcicki JM	Metab Syndr Relat Disord. 2018 Aug;16(6):262-266.	2018	2018/5/12	29750592	
149	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	
150	Telomere Length and Magnetic Resonance Imaging Findings of Vascular Brain Injury and Central Brain Atrophy: The Strong Heart Study	Suchy-Dicey AM	Am J Epidemiol. 2018 Jun 1;187(6):1231-1239.	2018	2018/6/4	29860472	
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155	Sterol 27-Hydroxylase Polymorphism Significantly Associates With Shorter Telomere, Higher Cardiovascular and Type-2 Diabetes Risk in Obese Subjects	Pavanello S	Front Endocrinol (Lausanne). 2018 Jun 13;9:309.	2018	2018/6/29	29951035	*
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161	BCL2 and miR-181a transcriptional alterations in umbilical-cord blood cells can be putative biomarkers for obesity	Marcondes JPC	Mutat Res Genet Toxicol Environ Mutagen. 2018 Dec;836(Pt B):90-96	2018	2018/11/17	30442352	
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211	Telomere length is independently associated with subclinical atherosclerosis in subjects with type 2 diabetes: a cross-sectional study	Spigoni V	Acta Diabetol. 2016 Aug;53(4):661-7.	2016	2016/3/30	27020053	*
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213	Influence of diet on leukocyte telomere length, markers of inflammation and oxidative stress in individuals with varied glucose tolerance: a Chinese population study	Zhou M	Nutr J. 2016 Apr 12;15:39.	2016	2016/4/14	27071648	
214	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	*
215	Telomere attrition in beta and alpha cells with age	Tamura Y	Age (Dordr). 2016 Jun;38(3):61.	2016	2016/5/25	27216158	*
216	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	*
217	Interaction between Obstructive Sleep Apnea and Shortened Telomere Length on Brain White Matter Abnormality	Choi KM	Sleep. 2016 Sep 1;39(9):1639-45.	2016	2016/7/12	27397571	
218	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	
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228	Leukocyte Telomere Length in the Neonatal Offspring of Mothers with Gestational and Pre-Gestational Diabetes	Gilfillan C	PLoS One. 2016 Oct 13;11(10):e0163824.	2016	2016/10/14	27736899	*
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236	[Aging and kidney disease]	Wakino S	Nihon Rinsho. 2016 Sep;74(9):1531-1540.	2016	2018/12/18	30557489	

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239	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	*
240	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	*
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242	Red blood cell distribution width: A simple parameter with multiple clinical applications	Salvagno GL	Crit Rev Clin Lab Sci. 2015;52(2):86-105.	2015	2014/12/24	25535770	
243	Telomere length differences between subcutaneous and visceral adipose tissue in humans	Lakowa N	Biochem Biophys Res Commun. 2015 Feb 13;457(3):426-32	2015	2015/1/18	25596130	*
244	Calorie restriction increases telomerase activity, enhances autophagy, and improves diastolic dysfunction in diabetic rat hearts	Makino N	Mol Cell Biochem. 2015 May;403(1-2):1-11.	2015	2015/2/10	25662949	*
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246	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	
247	Nanopore detection of 8-oxoguanine in the human telomere repeat sequence	An N	ACS Nano. 2015;9(4):4296-307.	2015	2015/3/14	25768204	
248	Dyslipidemia and chronic inflammation markers are correlated with telomere length shortening in Cushing's syndrome	Aulinas A	PLoS One. 2015 Mar 23;10(3):e0120185.	2015	2015/3/24	25799396	
249	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	
250	Psychosomatic medicine in the 21st century: understanding mechanisms and barriers to utilization	Wise TN	Adv Psychosom Med. 2015;34:1-9.	2015	2015/4/3	25832509	
251	Pathogenesis of polycystic ovary syndrome: multifactorial assessment from the foetal stage to menopause	de Melo AS	Reproduction. 2015 Jul;150(1):R11-24.	2015	2015/4/4	25835506	
252	Intermittent high glucose implements stress-induced senescence in human vascular endothelial cells: role of superoxide production by NADPH oxidase	Maeda M	PLoS One. 2015 Apr 16;10(4):e0123169.	2015	2015/4/17	25879533	

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254	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	
255	Short telomere length is associated with arterial aging in patients with type 2 diabetes mellitus	Dudinskaya EN	Endocr Connect. 2015 Sep;4(3):136-43.	2015	2015/6/3	26034119	*
256	Association of relative telomere length with progression of chronic kidney disease in two cohorts: effect modification by smoking and diabetes	Raschenberger J	Sci Rep. 2015 Jul 7;5:11887.	2015	2015/7/8	26149682	*
257	Telomere length in blood cells is related to the chronicity, severity, and recurrence rate of schizophrenia	Pawelczyk T	Neuropsychiatr Dis Treat. 2015 Jun 22;11:1493-503	2015	2015/7/8	26150720	
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259	Circadian desynchronization triggers premature cellular aging in a diurnal rodent	Grosbellet E	FASEB J. 2015 Dec;29(12):4794-803.	2015	2015/8/12	26260033	
260	Ambient air pollution, blood mitochondrial DNA copy number and telomere length in a panel of diabetes patients	Xia Y	Inhal Toxicol. 2015;27(10):481-7.	2015	2015/8/21	26292083	*
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