

"Telomere & Cardiovascular System" Articles

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Telomere & Cardiovascular

No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Telomere length is independently associated with all-cause mortality in chronic heart failure	Romaine SPR	Heart. 2022 Jan;108(2):124-129.	2022	2021/4/1	33789973	*
2	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	*
3	Is osteoarthritis a mitochondrial disease? What is the evidence	Fernández-Moreno M	Curr Opin Rheumatol. 2022 Jan 1;34(1):46-53.	2022	2021/11/9	34750310	*
4	The relationship between telomere length and putative markers of vascular ageing: A systematic review and meta-analysis	Kosmopoulos M	Mech Ageing Dev. 2022 Jan;201:111604.	2022	2021/11/14	34774607	*
5	Racism and Older Black Americans' Health: a Systematic Review	LaFave SE	J Urban Health. 2022 Jan 7.	2022	2022/1/8	34997433	
6	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	
7	Association of Telomere Length With Risk of Disease and Mortality	Schneider CV	JAMA Intern Med. 2022 Jan 18.	2022	2022/1/18	35040871	
8	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	
9	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	
10	U-Shaped Relationship of Leukocyte Telomere Length With All-Cause and Cancer-Related Mortality in Older Men	Yeap BB	J Gerontol A Biol Sci Med Sci. 2021 Jan 1;76(1):164-171.	2021	2020/8/8	32761187	*
11	Diabetes, metabolic disease, and telomere length	Cheng F	Lancet Diabetes Endocrinol. 2021 Feb;9(2):117-126.	2021	2020/11/29	33248477	
12	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	*

13	The associations of hostility and defensiveness with telomere length are influenced by sex and health status	Starnino L	Biol Sex Differ. 2021 Jan 4;12(1):2.	2021	2021/1/5	33397445	*
14	Mitochondrial gene COX2 methylation and downregulation is a biomarker of aging in heart mesenchymal stem cells	Sun X	Int J Mol Med. 2021 Jan;47(1):161-170.	2021	2021/1/8	33416107	
15	Aging and age-related diseases: from mechanisms to therapeutic strategies	Li Z	Biogerontology. 2021 Apr;22(2):165-187.	2021	2021/1/27	33502634	*
16	Telomerase as a Therapeutic Target in Cardiovascular Disease	Hoffmann J	Arterioscler Thromb Vasc Biol. 2021 Mar;41(3):1047-1061.	2021	2021/1/28	33504179	*
17	The correlation of salivary telomere length and single nucleotide polymorphisms of the ADIPOQ, SIRT1 and FOXO3A genes with life-style related diseases in a Japanese population	Han X	PLoS One. 2021 Jan 28;16(1):e0243745.	2021	2021/1/28	33507936	
18	Longitudinal telomere length and body composition in healthy term-born infants during the first two years of life	de Fluiter KS	PLoS One. 2021 Feb 2;16(2):e0246400.	2021	2021/2/2	33529269	
19	Telomere Length in Idiopathic Recurrent Pregnancy Loss	Onat T	Z Geburtshilfe Neonatol. 2021 Apr;225(2):119-124.	2021	2021/2/2	33530115	
20	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	
21	Biomarkers of ageing and cardiac remodeling are associated with atrial fibrillation	Kalstad AA	Scand Cardiovasc J. 2021 Aug;55(4):213-219.	2021	2021/3/2	33650449	
22	Telomere Shortening and Accelerated Aging in US Military Veterans	Howard JT	Int J Environ Res Public Health. 2021 Feb 11;18(4):1743.	2021	2021/3/6	33670145	
23	[Telomere length as a biomarker of the risk of cardiovascular complications in patients with coronary heart disease]	Doroshchuk NA	Ter Arkh. 2021 Jan 10;93(1):20-24.	2021	2021/3/15	33720621	*
24	An original biomarker for the risk of developing cardiovascular diseases and their complications: Telomere length	Doroschuk NA	Toxicol Rep. 2021 Mar 4;8:499-504.	2021	2021/3/18	33732625	*
25	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	
26	Prognostic Association of TERC, TERT Gene Polymorphism, and Leukocyte Telomere Length in Acute Heart Failure: A Prospective Study	Li Y	Front Endocrinol (Lausanne). 2021 Mar 8;12:650922.	2021	2021/3/25	33763035	*
27	Telomere Length in Valve Tissue Is Shorter in Individuals With Aortic Stenosis and in Calcified Valve Areas	Saraieva I	Front Cell Dev Biol. 2021 Mar 11;9:618335.	2021	2021/3/29	33777932	
28	Melatonin to Rescue the Aged Heart: Antiarrhythmic and Antioxidant Benefits	Segovia-Roldan M	Oxid Med Cell Longev. 2021 Mar 13;2021:8876792.	2021	2021/4/1	33791076	
29	Telomere Length Dynamics and Chromosomal Instability for Predicting Individual Radiosensitivity and Risk via Machine Learning	Luxton JJ	J Pers Med. 2021 Mar 8;11(3):188.	2021	2021/4/3	33800260	
30	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	

31	Anti-aging Natural Compounds and their Role in the Regulation of Metabolic Pathways Leading to Longevity	Muzammil A	Mini Rev Med Chem. 2021;21(18):2630-2656.	2021	2021/4/6	33820505	
32	SIRT6 in Senescence and Aging-Related Cardiovascular Diseases	Li X	Front Cell Dev Biol. 2021 Mar 29;9:641315.	2021	2021/4/15	33855020	
33	[Accelerated telomere erosion in schizophrenia: A literature review]	Corfdir C	Encephale. 2021 Aug;47(4):369-375.	2021	2021/4/17	33863507	
34	Vascular and renal telomere shortening in mice exposed to chronic intermittent hypoxia	Badran M	Can J Physiol Pharmacol. 2021 Oct;99(10):1112-1113.	2021	2021/5/5	33951396	
35	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	*
36	Telomere Length and Oxidative Stress in Patients with ST-Segment Elevation and Non-ST-Segment Elevation Myocardial Infarction	Inandiklioğlu N	Adv Exp Med Biol. 2021;1347:183-195.	2021	2021/5/7	33959889	*
37	Senescence mechanisms and targets in the heart	Chen MS	Cardiovasc Res. 2021 May 7;cvab161.	2021	2021/5/8	33963378	
38	Association between ideal cardiovascular health and telomere length in participants older than 55 years old from the SUN cohort	Alonso-Pedrero L	Rev Esp Cardiol (Engl Ed). 2021 May 13;S1885-5857(21)00129-8.	2021	2021/5/17	33994338	*
39	Factors Associated with Mutations: Their Matching Rates to Cardiovascular and Neurological Diseases	Lucas HB	Int J Mol Sci. 2021 May 11;22(10):5057.	2021	2021/6/2	34064609	*
40	Sex, Age, BMI, and C-Reactive Protein Impact the Odds of Developing Hypertension-Findings Based on Data From the Health and Retirement Study (HRS)	Speer H	Am J Hypertens. 2021 Oct 27;34(10):1057-1063.	2021	2021/6/9	34106249	*
41	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	
42	The Most Severe Paradigm of Early Cardiovascular Disease: Hutchinson-Gilford Progeria. Focus on the Role of Oxidative Stress	Mozzini C	Curr Probl Cardiol. 2021 May 29:100900.	2021	2021/6/25	34167843	
43	Cardiac senescence is alleviated by the natural flavone acacetin via enhancing mitophagy	Hong YX	Aging (Albany NY). 2021 Jun 27;13(12):16381-16403.	2021	2021/6/27	34175838	*
44	Conventional Risk Factors, Telomere Length, and Ischemic Heart disease: Insights into the Mediation Analysis	Piplani S	Genome Integr. 2021 May 31;12:1.	2021	2021/7/5	34221339	*
45	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	
46	Consumer Wearables and the Integration of New Objective Measures in Oncology: Patient and Provider Perspectives	Fonseka LN	JMIR Mhealth Uhealth. 2021 Jul 15;9(7):e28664.	2021	2021/7/15	34264191	
47	Cross-species Association Between Telomere Length and Glucocorticoid Exposure	Lee RS	J Clin Endocrinol Metab. 2021 Nov 19;106(12):e5124-e5135.	2021	2021/7/15	34265046	
48	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	

49	Increased telomere length in patients with frontotemporal dementia syndrome	Kim EJ	J Neurol Sci. 2021 Sep 15;428:117565.	2021	2021/7/26	34311139	
50	Telomere length and mortality risk among adults in the United States: The role of age and race and ethnicity	Kodali HP	Ann Epidemiol. 2021 Nov;63:68-74.	2021	2021/8/3	34343614	*
51	A novel multiplex qPCR method for assessing the comparative lengths of telomeres	Sun G	J Clin Lab Anal. 2021 Sep;35(9):e23929.	2021	2021/8/4	34347924	
52	Prenatal Household Air Pollution Exposure, Cord Blood Mononuclear Cell Telomere Length and Age Four Blood Pressure: Evidence from a Chinese Pregnancy Cohort	Kaali S	Toxics. 2021 Jul 14;9(7):169.	2021	2021/8/6	34357912	
53	Regular, Intense Exercise Training as a Healthy Aging Lifestyle Strategy: Preventing DNA Damage, Telomere Shortening and Adverse DNA Methylation Changes Over a Lifetime	Sellami M	Front Genet. 2021 Aug 6;12:652497.	2021	2021/8/23	34421981	
54	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	*
55	T Cell Immunosenescence in Aging, Obesity, and Cardiovascular Disease	Shirakawa K	Cells. 2021 Sep 15;10(9):2435.	2021	2021/9/28	34572084	
56	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	*
57	Predictors of Biological Age: The Implications for Wellness and Aging Research	Lohman T	Gerontol Geriatr Med. 2021 Sep 26;7:23337214211046419.	2021	2021/10/1	34595331	
58	Nucleus-mitochondria positive feedback loop formed by ERK5 S496 phosphorylation-mediated poly (ADP-ribose) polymerase activation involves persistent pro-inflammatory response, oxidative and	Kotla S	Redox Biol. 2021 Nov;47:102132.	2021	2021/10/7	34619528	
59	Impact of Selenium on Biomarkers and Clinical Aspects Related to Ageing. A Review	Alehagen U	Biomolecules. 2021 Oct 7;11(10):1478.	2021	2021/10/23	34680111	*
60	Telomeres and Age-Related Diseases	Gruber HJ	Biomedicines. 2021 Sep 27;9(10):1335.	2021	2021/10/23	34680452	*
61	Telomere length and chronic kidney disease: cause or consequence?	Kronenberg F	Kidney Int. 2021 Nov;100(5):980-983.	2021	2021/10/24	34688387	
62	Senescence-Associated Secretory Phenotype as a Hinge Between Cardiovascular Diseases and Cancer	Banerjee P	Front Cardiovasc Med. 2021 Oct 20;8:763930.	2021	2021/11/8	34746270	
63	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	
64	Telomere shortening in patients on long-term hemodialysis	Wang Y	Chronic Dis Transl Med. 2021 Aug 25;7(4):266-275.	2021	2021/11/17	34786545	*
65	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	
66	Fat metabolism is associated with telomere length in six population-based studies	van der Spek A	Hum Mol Genet. 2021 Dec 7:ddab281.	2021	2021/12/7	34875050	

67	The association of leukocyte telomere length and intermediate coronary lesions - a retrospective study	Zhang A	Ann Palliat Med. 2021 Dec 8;apm-21-2295.	2021	2021/12/13	34894710	*
68	Immune and Epigenetic Pathways Linking Childhood Adversity and Health Across the Lifespan	Chen MA	Front Psychol. 2021 Nov 26;12:788351.	2021	2021/12/13	34899540	
69	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	
70	Lipoprotein particle alterations due to androgen therapy in individuals with dyskeratosis congenita	Thompson MB	EBioMedicine. 2021 Dec 17;75:103760.	2021	2021/12/20	34929494	
71	Sex-Specific Association of Serum Anti-Oxidative Capacity and Leukocyte Telomere Length	Hassler E	Antioxidants (Basel). 2021 Nov 28;10(12):1908.	2021	2021/12/24	34943011	
72	Telomere Length and Arterial Stiffness Reflected by Brachial-Ankle Pulse Wave Velocity: A Population-Based Cross-Sectional Study	Wai KM	J Pers Med. 2021 Dec 2;11(12):1278.	2021	2021/12/24	34945752	*
73	[Experimental studies of geroprotective and anti-aging effects of chemical compounds of Portulaca oleracea L. (review).]	Berezutsky MA	Adv Gerontol. 2021;34(5):715-720.	2021	2022/1/8	34998009	
74	Effect of Physical Activity, Smoking, and Sleep on Telomere Length: A Systematic Review of Observational and Intervention Studies	Barragán R	J Clin Med. 2021 Dec 24;11(1):76.	2021	2022/1/11	35011817	
75	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	
76	Subclinical inflammation, telomere shortening, homocysteine, vitamin B6, and mortality: the Ludwigshafen Risk and Cardiovascular Health Study	Pusceddu I	Eur J Nutr. 2020 Jun;59(4):1399-1411.	2020	2019/5/27	31129702	*
77	Herbal Medicine for Slowing Aging and Aging-associated Conditions: Efficacy, Mechanisms and Safety	Phu HT	Curr Vasc Pharmacol. 2020;18(4):369-393.	2020	2019/8/17	31418664	*
78	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice	Marín-Aguilar F	Aging Cell. 2020 Jan;19(1):e13050.	2020	2019/10/19	31625260	
79	The joint effects of frailty and telomere length for predicting mortality in older adults: the National Health and Nutrition Examination Survey, 1998-2002	Liu D	Aging Clin Exp Res. 2020 Sep;32(9):1839-1847.	2020	2019/10/25	31646458	
80	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	*
81	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	
82	Marital status, telomere length and cardiovascular disease risk in a Swedish prospective cohort	Chen R	Heart. 2020 Feb;106(4):267-272.	2020	2019/11/16	31727634	*
83	Clinical and molecular evidence of accelerated ageing following very preterm birth	Parkinson JRC	Pediatr Res. 2020 May;87(6):1005-1010.	2020	2019/12/8	31812156	
84	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	*

85	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	
86	Association between leucocyte telomere length and cardiovascular disease in a large general population in the United States	Xu C	Sci Rep. 2020 Jan 9;10(1):80.	2020	2020/1/11	31919463	*
87	The association of telomere length and telomerase activity with adverse outcomes in older patients with non-ST-elevation acute coronary syndrome	Chan D	PLoS One. 2020 Jan 10;15(1):e0227616.	2020	2020/1/11	31923255	*
88	Perinatal taurine exerts a hypotensive effect in male spontaneously hypertensive rats and down-regulates endothelial oxide nitric synthase in the aortic arch	Mensegue MF	Clin Exp Pharmacol Physiol. 2020 May;47(5):780-789.	2020	2020/1/21	31958174	
89	Mosaic loss of human Y chromosome: what, how and why	Guo X	Hum Genet. 2020 Apr;139(4):421-446.	2020	2020/2/6	32020362	
90	Psychological stress reactivity and future health and disease outcomes: A systematic review of prospective evidence	Turner AI	Psychoneuroendocrinology. 2020 Apr;114:104599.	2020	2020/2/12	32045797	
91	Association of Leukocyte Telomere Length With Mortality Among Adult Participants in 3 Longitudinal Studies	Arbeev KG	JAMA Netw Open. 2020 Feb 5;3(2):e200023.	2020	2020/2/27	32101305	*
92	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	
93	End-stage renal disease is different from chronic kidney disease in upregulating ROS-modulated proinflammatory secretome in PBMCs - A novel multiple hit model for disease progression	Zhang R	Redox Biol. 2020 Jul;34:101460.	2020	2020/3/18	32179051	
94	Leukocyte Telomere Length Is Related to Brain Parenchymal Fraction and Attention/Speed in the Elderly: Results of the Austrian Stroke Prevention Study	Gampawar P	Front Psychiatry. 2020 Feb 28;11:100.	2020	2020/3/18	32180739	
95	Clonal hematopoiesis in donors and long-term survivors of related allogeneic hematopoietic stem cell transplantation	Boettcher S	Blood. 2020 Apr 30;135(18):1548-1559.	2020	2020/3/18	32181816	
96	A Review of Exercise as Medicine in Cardiovascular Disease: Pathology and Mechanism	Gronek P	Aging Dis. 2020 Mar 9;11(2):327-340.	2020	2020/4/8	32257545	
97	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	
98	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	
99	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	
100	MicroRNA-214 modulates the senescence of vascular smooth muscle cells in carotid artery stenosis	Chen YL	Mol Med. 2020 May 14;26(1):46.	2020	2020/5/16	32410577	
101	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	
102	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	*

103	Longitudinal Association of Telomere Attrition with the Effects of Antihypertensive Treatment and Blood Pressure Lowering	Zhang S	Aging Dis. 2020 May 9;11(3):494-508.	2020	2020/6/4	32489697	
104	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	*
105	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	
106	COVID-19 and Crosstalk With the Hallmarks of Aging	Salimi S	J Gerontol A Biol Sci Med Sci. 2020 Sep 16;75(9):e34-e41.	2020	2020/6/17	32544216	
107	Leukocyte telomere length is inversely associated with arterial wave reflection in 566 normotensive and never-treated hypertensive subjects	Honkonen M	Aging (Albany NY). 2020 Jun 23;12(12):12376-12392.	2020	2020/6/24	32575070	
108	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	
109	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	*
110	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	*
111	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	
112	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	
113	The Importance of Telomere Shortening for Atherosclerosis and Mortality	Herrmann W	J Cardiovasc Dev Dis. 2020 Aug 6;7(3):29.	2020	2020/8/13	32781553	*
114	Genetics and geography of leukocyte telomere length in sub-Saharan Africans	Hunt SC	Hum Mol Genet. 2020 Nov 4;29(18):3014-3020.	2020	2020/8/22	32821950	*
115	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	
116	Time-dependent replicative senescence vs. disturbed flow-induced pre-mature aging in atherosclerosis	Dominic A	Redox Biol. 2020 Oct;37:101614.	2020	2020/9/1	32863187	
117	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	*
118	Are long telomeres better than short? Relative contributions of genetically predicted telomere length to neoplastic and non-neoplastic disease risk and population health burden	Protsenko E	PLoS One. 2020 Oct 8;15(10):e0240185.	2020	2020/10/8	33031470	*
119	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	
120	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	*

121	Alterations in telomere length and mitochondrial DNA copy number in human lymphocytes on short-term exposure to moderate hypoxia	Alam MR	Toxicol Rep. 2020 Oct 17;7:1443-1447.	2020	2020/11/9	33163366	
122	Telomeres and telomerase in risk assessment of cardiovascular diseases	Boniewska-Bernacka E	Exp Cell Res. 2020 Dec 15;397(2):112361.	2020	2020/11/10	33171154	*
123	The Association Between Leukocyte Telomere Length and Cognitive Performance Among the American Elderly	Linghui D	Front Aging Neurosci. 2020 Oct 30;12:527658.	2020	2020/11/16	33192450	
124	The Effects of Resveratrol on Telomeres and Post Myocardial Infarction Remodeling	Gutlapalli SD	Cureus. 2020 Nov 14;12(11):e11482.	2020	2020/12/17	33329978	
125	Relative Telomere Length in Peripheral Blood Cells and Hypertension Risk among Mine Workers: A Case-Control Study in Chinese Coal Miners	Yu SN	Biomed Res Int. 2020 Dec 3;2020:5681096.	2020	2020/12/23	33354567	
126	Telomere length in young patients with acute myocardial infarction without conventional risk factors: A pilot study from a South Asian population	Gupta MD	Indian Heart J. 2020 Nov-Dec;72(6):619-622.	2020	2020/12/28	33357657	*
127	Telomere length and cardiovascular disease precursors: a 7-year follow-up from childhood to early adolescence	Michels N	Eur J Prev Cardiol. 2020 Nov 23:zwaa123.	2020	2021/2/24	33624047	*
128	Genetically determined hypercholesterolaemia results into premature leucocyte telomere length shortening and reduced haematopoietic progenitors	Baragetti A	Eur J Prev Cardiol. 2020 Nov 17:zwaa115.	2020	2021/2/24	33624064	
129	The role of senescence, telomere dysfunction and shelterin in vascular aging	Liu Y	Microcirculation. 2019 Feb;26(2):e12487.	2019	2018/6/21	29924435	*
130	Effect of oral appliance on circulating leukocyte telomere length and SIRT1 in obstructive sleep apnea	Lin CC	Clin Oral Investig. 2019 Mar;23(3):1397-1405.	2019	2018/7/22	30030618	
131	Diagnostic and Prognostic Relevance of Red Blood Cell Distribution Width for Vascular Aging and Cardiovascular Diseases	Poz D	Rejuvenation Res. 2019 Apr;22(2):146-162.	2019	2018/8/23	30132390	*
132	Low Intake of Vitamin E Accelerates Cellular Aging in Patients With Established Cardiovascular Disease: The CORDIOPREV Study	Corina A	J Gerontol A Biol Sci Med Sci. 2019 May 16;74(6):770-777.	2019	2018/8/31	30165472	*
133	Selenium, aging and aging-related diseases	Cai Z	Aging Clin Exp Res. 2019 Aug;31(8):1035-1047.	2019	2018/12/5	30511318	
134	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	
135	Cross-sectional associations of sex hormones with leukocyte 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	
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137	Senescent Phenotype Induced by p90RSK-NRF2 Signaling Sensitizes Monocytes and Macrophages to Oxidative Stress in HIV-Positive Individuals	Singh MV	Circulation. 2019 Feb 26;139(9):1199-1216.	2019	2018/12/28	30586719	
138	Early and late childhood telomere length predict subclinical atherosclerosis at age 14 yrs. - The CardioCAPS study	Barracough JY	Int J Cardiol. 2019 Mar 1;278:250-253.	2019	2019/1/1	30595356	*

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140	Telomere length and cardiovascular disease risk	Zhan Y	Curr Opin Cardiol. 2019 May;34(3):270-274.	2019	2019/2/13	30747731	*
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142	Nutrition Risk is Associated with Leukocyte Telomere Length in Middle-Aged Men and Women with at Least One Risk Factor for Cardiovascular Disease	Ventura Marra M	Nutrients. 2019 Feb 27;11(3):508.	2019	2019/3/2	30818839	*
143	Maternal telomere length is shorter in intrauterine growth restriction versus uncomplicated pregnancies, but not in the offspring or in IVF-received newborns	Perales-Puchalt A	Reprod Biomed Online. 2019 Apr;38(4):606-612.	2019	2019/3/4	30826299	*
144	Dynamic DNA Methylation During Aging: A "Prophet" of Age-Related Outcomes	Xiao FH	Front Genet. 2019 Feb 18;10:107.	2019	2019/3/6	30833961	
145	Aged-senescent cells contribute to impaired heart regeneration	Lewis-McDougall FC	Aging Cell. 2019 Jun;18(3):e12931.	2019	2019/3/12	30854802	
146	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	*
147	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	*
148	Adult Cardiac Stem Cell Aging: A Reversible Stochastic Phenomenon?	Cianflone E	Oxid Med Cell Longev. 2019 Feb 7;2019:5813147.	2019	2019/3/19	30881594	
149	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	
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151	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	
152	Disease-Specific Comorbidity Clusters in COPD and Accelerated Aging	Triest FJJ	J Clin Med. 2019 Apr 14;8(4):511.	2019	2019/4/25	31013986	
153	Telomere Length and Risk of Major Adverse Cardiac Events and Cancer in Obstructive Sleep Apnea Patients	Polonis K	Cells. 2019 Apr 26;8(5):381.	2019	2019/4/28	31027347	*
154	Comparative validation of an epigenetic mortality risk score with three aging biomarkers for predicting mortality risks among older adult males	Gao X	Int J Epidemiol. 2019 Dec 1;48(6):1958-1971.	2019	2019/5/1	31038702	
155	Relative Telomere Length and Cardiovascular Risk Factors	Koriath M	Biomolecules. 2019 May 17;9(5):192.	2019	2019/5/22	31108918	*
156	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	*

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158	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	*
159	Cellular senescence in cardiac diseases	Shimizu I	J Cardiol. 2019 Oct;74(4):313-319.	2019	2019/6/17	31202488	*
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161	Exploring the Relationship of Relative Telomere Length and the Epigenetic Clock in the LipidCardio Cohort	Banszerus VL	Int J Mol Sci. 2019 Jun 21;20(12):3032.	2019	2019/6/26	31234328	*
162	Population health bio-phenotypes in 11-12 year old children and their midlife parents: Growing Up in Australia's Child Health CheckPoint	Wake M	BMJ Open. 2019 Jul 4;9(Suppl 3):1-2.	2019	2019/7/6	31273011	
163	Shortening telomere is associated with subclinical atherosclerosis biomarker in omnivorous but not in vegetarian healthy men	Cinegaglia N	Aging (Albany NY). 2019 Jul 19;11(14):5070-5080.	2019	2019/7/22	31326965	*
164	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	
165	Aldehyde Dehydrogenase 2 (ALDH2) and Aging: Is There a Sensible Link?	Wu NN	Adv Exp Med Biol. 2019;1193:237-253.	2019	2019/8/2	31368109	
166	Filaggrin variations are associated with PAH metabolites in urine and DNA alterations in blood	Wahlberg K	Environ Res. 2019 Oct;177:108600.	2019	2019/8/2	31369996	
167	Molecular and Cellular Bases of Immunosenescence, Inflammation, and Cardiovascular Complications Mimicking "Inflammaging" in Patients with Systemic Lupus Erythematosus	Tsai CY	Int J Mol Sci. 2019 Aug 9;20(16):3878.	2019	2019/8/10	31395799	
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169	Telomere length, vitamin B12 and mortality in persons undergoing coronary angiography: the Ludwigshafen risk and cardiovascular health study	Pusceddu I	Aging (Albany NY). 2019 Sep 6;11(17):7083-7097.	2019	2019/9/8	31492825	*
170	Systemic Inflammation and the Increased Risk of Inflamm-Aging and Age-Associated Diseases in People Living With HIV on Long Term Suppressive Antiretroviral Therapy	Babu H	Front Immunol. 2019 Aug 27;10:1965.	2019	2019/9/12	31507593	
171	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	*
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173	The association of mean telomere length with all-cause, cerebrovascular and cardiovascular mortality	Huang YQ	Biosci Rep. 2019 Oct 30;39(10):BSR20192306.	2019	2019/10/25	31647542	*
174	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	

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178	Independent and Combined Effects of Telomere Shortening and mtDNA(4977) Deletion on Long-term Outcomes of Patients with Coronary Artery Disease	Vecoli C	Int J Mol Sci. 2019 Nov 5;20(21):5508.	2019	2019/11/8	31694204	*
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183	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	
184	Telomeres as Therapeutic Targets in Heart Disease	Yeh JK	JACC Basic Transl Sci. 2019 Nov 25;4(7):855-865.	2019	2020/1/31	31998853	*
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197	Association of genetic variation in telomere-related SNP and telomerase with ventricular arrhythmias in ischemic cardiomyopathy	Sawhney V	Pacing Clin Electrophysiol. 2018 Mar;41(3):261-266.	2018	2018/1/19	29344960	*
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200	Short Telomere Length is Associated with Aging, Central Obesity, Poor Sleep and Hypertension in Lebanese Individuals	Zgheib NK	Aging Dis. 2018 Feb 1;9(1):77-89.	2018	2018/2/3	29392083	*
201	Shorter telomere length in cord blood associated with prenatal air pollution exposure: Benefits of intervention	Perera F	Environ Int. 2018 Apr;113:335-340.	2018	2018/2/4	29395277	
202	Common mental disorders and association with telomere length	Vakonaki E	Biomed Rep. 2018 Feb;8(2):111-116.	2018	2018/2/14	29435268	
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204	High dietary fat and sucrose results in an extensive and time-dependent deterioration in health of multiple physiological systems in mice	Burchfield JG	J Biol Chem. 2018 Apr 13;293(15):5731-5745.	2018	2018/2/15	29440390	
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207	Telomere biology and age-related diseases	Herrmann M	Clin Chem Lab Med. 2018 Jul 26;56(8):1210-1222.	2018	2018/3/2	29494336	
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210	Mesenchymal stem cells attenuate doxorubicin-induced cellular senescence through the VEGF/Notch/TGF-β signaling pathway in H9c2 cardiomyocytes	Chen L	Int J Mol Med. 2018 Jul;42(1):674-684.	2018	2018/4/26	29693137	

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212	Retinal microcirculation and leukocyte telomere length in the general population	Martens DS	Sci Rep. 2018 May 4;8(1):7095.	2018	2018/5/6	29728662	
213	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	
214	Implications of Cellular Aging in Cardiac Reprogramming	Passaro F	Front Cardiovasc Med. 2018 Apr 27;5:43.	2018	2018/5/15	29755986	*
215	Nutriepigenetics and cardiovascular disease	Kalea AZ	Curr Opin Clin Nutr Metab Care. 2018 Jul;21(4):252-259.	2018	2018/5/31	29847446	*
216	Which Risk Factors Causally Influence Dementia? A Systematic Review of Mendelian Randomization Studies	Kuźma E	J Alzheimers Dis. 2018;64(1):181-193.	2018	2018/6/6	29865062	
217	Telomere length and mortality in the Ludwigshafen Risk and Cardiovascular Health study	Pusceddu I	PLoS One. 2018 Jun 19;13(6):e0198373.	2018	2018/6/20	29920523	*
218	Sterol 27-Hydroxylase Polymorphism Significantly Associates With Shorter Telomere, Higher Cardiovascular and Type-2 Diabetes Risk in Ghana Subjects	Pavanello S	Front Endocrinol (Lausanne). 2018 Jun 13;9:309.	2018	2018/6/29	29951035	*
219	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	*
220	Shorter telomere length in schizophrenia: Evidence from a real-world population and meta-analysis of most recent literature	Russo P	Schizophr Res. 2018 Dec;202:37-45.	2018	2018/7/14	30001973	
221	Leukocyte telomere length correlates with hypertrophic cardiomyopathy severity	Chatterjee S	Sci Rep. 2018 Jul 25;8(1):11227.	2018	2018/7/27	30046139	*
222	Clinical Implications of Clonal Hematopoiesis	Steensma DP	Mayo Clin Proc. 2018 Aug;93(8):1122-1130.	2018	2018/8/7	30078412	
223	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	*
224	Dietary Copper Intake and Its Association With Telomere Length: A Population Based Study	Lin Z	Front Endocrinol (Lausanne). 2018 Jul 30;9:404.	2018	2018/8/15	30105003	
225	Telomere shortening and aortic plaque progression in Apolipoprotein E knockout mice after pulmonary exposure to candle light combustion particles	Damiao Gouveia AC	Mutagenesis. 2018 Sep 17;33(3):253-261.	2018	2018/8/21	30124895	
226	Association between phenotypic familial hypercholesterolaemia and telomere length in US adults: results from a multi-ethnic survey	Banach M	Eur Heart J. 2018 Oct 21;39(40):3635-3640.	2018	2018/8/31	30165413	*
227	Fetal growth restriction shortens cardiac telomere length, but this is attenuated by exercise in early life	Booth SA	Physiol Genomics. 2018 Nov 1;50(11):956-963.	2018	2018/9/8	30192712	*
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231	Mechanisms of Dysfunction in the Aging Vasculature and Role in Age-Related Disease	Donato AJ	Circ Res. 2018 Sep 14;123(7):825-848.	2018	2018/10/26	30355078	
232	Heart-Breaking Telomeres	Martínez P	Circ Res. 2018 Sep 14;123(7):787-802.	2018	2018/10/26	30355079	*
233	Lack of Cardiac Improvement After Cardiosphere-Derived Cell Transplantation in Aging Mouse Hearts	Zhao ZA	Circ Res. 2018 Oct 26;123(10):e21-e31.	2018	2018/10/26	30359191	
234	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	*
235	Leukocyte Telomere Length and Chronic Conditions in Older Women of Northeast Brazil: A Cross-Sectional Study	Oliveira BS	Cells. 2018 Nov 2;7(11):193.	2018	2018/11/8	30400186	*
236	Low-level lead exposure and cardiovascular disease: the roles of telomere shortening and lipid disturbance	He L	J Toxicol Sci. 2018;43(11):623-630.	2018	2018/11/9	30404996	*
237	Cardiac-Referenced Leukocyte Telomere Length and Outcomes After Cardiovascular Surgery	Yin H	JACC Basic Transl Sci. 2018 Nov 12;3(5):591-600.	2018	2018/11/21	30456331	*
238	Asynchronous Shortening of Telomere Length and Cardiovascular Outcomes	Wang CY	JACC Basic Transl Sci. 2018 Nov 12;3(5):601-603.	2018	2018/11/21	30456332	*
239	The Interplay Between Cholesterol Metabolism and Intrinsic Ageing	Mc Auley MT	Subcell Biochem. 2018;90:99-118.	2018	2019/2/20	30779007	*
240	Association between objectively measured physical activity, chronic stress and leukocyte telomere length	von Känel R	J Sports Med Phys Fitness. 2017 Oct;57(10):1349-1358.	2017	2016/4/14	27074439	
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242	Leukocyte telomere length and ideal cardiovascular health in American Indians: the Strong Heart Family Study	Peng H	Eur J Epidemiol. 2017 Jan;32(1):67-75.	2017	2016/9/24	27660162	*
243	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	
244	Multiple pathways of SIRT6 at the crossroads in the control of longevity, cancer, and cardiovascular diseases	Vitiello M	Ageing Res Rev. 2017 May;35:301-311.	2017	2016/11/10	27829173	*
245	Telomere Shortening, Regenerative Capacity, and Cardiovascular Outcomes	Hammadah M	Circ Res. 2017 Mar 31;120(7):1130-1138.	2017	2016/12/14	27956416	*
246	Senescence in COPD and Its Comorbidities	Barnes PJ	Annu Rev Physiol. 2017 Feb 10;79:517-539.	2017	2016/12/14	27959617	*

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248	Chronic Inflammation: Accelerator of Biological Aging	Fougère B	J Gerontol A Biol Sci Med Sci. 2017 Sep 1;72(9):1218-1225.	2017	2016/12/23	28003373	
249	Growth Differentiation Factor 15 as a Biomarker in Cardiovascular Disease	Wollert KC	Clin Chem. 2017 Jan;63(1):140-151.	2017	2017/1/8	28062617	
250	Clinical and biological markers of premature aging after autologous SCT in childhood cancer	Vatanen A	Bone Marrow Transplant. 2017 Apr;52(4):600-605.	2017	2017/1/10	28067869	
251	Cerebroretinal microangiopathy with calcifications and cysts: A case report	Xu W	Medicine (Baltimore). 2017 Jan;96(1):e5545.	2017	2017/1/11	28072696	
252	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	*
253	Less Than Ideal Cardiovascular Health Is Associated With Shorter Leukocyte Telomere Length: The National Health and Nutrition Examination Survey, 1999-2002	Gebreab SY	J Am Heart Assoc. 2017 Feb 2;6(2):e004105.	2017	2017/2/4	28154163	*
254	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	*
255	Effects of size at birth, childhood growth patterns and growth hormone treatment on leukocyte telomere length	Smeets CC	PLoS One. 2017 Feb 8;12(2):e0171825.	2017	2017/2/9	28178350	
256	Demographic, phenotypic, and genetic characteristics of centenarians in Okinawa and Honshu, Japan: Part 2 Honshu, Japan	Arai Y	Mech Ageing Dev. 2017 Jul;165(Pt B):80-85.	2017	2017/2/20	28214534	
257	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study	Telomeres Mendelian Randomization	JAMA Oncol. 2017 May 1;3(5):636-651.	2017	2017/2/28	28241208	
258	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	
259	MicroRNAs, Aging, Cellular Senescence, and Alzheimer's Disease	Reddy PH	Prog Mol Biol Transl Sci. 2017;146:127-171.	2017	2017/3/4	28253983	
260	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	
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268	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	
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395	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	
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401	Telomerase Reverse Transcriptase and Peroxisome Proliferator-Activated Receptor γ Co-Activator-1α Cooperate to Protect Cells from DNA Damage and Mitochondrial Dysfunction in Yeast-like Organisms	Mendelsohn AR	Rejuvenation Res. 2015 Oct;18(5):479-83.	2015	2015/9/29	26414604	*
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666	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	*
667	Aging, telomeres, and atherosclerosis	Edo MD	Cardiovasc Res. 2005 May 1;66(2):213-21.	2005	2005/4/12	15820190	*
668	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	
669	Pharmacologic manipulation of the ataxia-telangiectasia mutated gene product as an intervention in age-related disease	Shackelford RE	Med Hypotheses. 2005;65(2):363-9.	2005	2005/6/1	15922113	
670	Pathological aging of the vascular endothelium: are endothelial progenitor cells the sentinels of the cardiovascular system?	Thorin-Trescases N	Can J Cardiol. 2005 Oct;21(12):1019-24.	2005	2005/10/20	16234883	
671	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	
672	The "multiple hormone deficiency" theory of aging: is human senescence caused mainly by multiple hormone deficiencies?	Hertoghe T	Ann N Y Acad Sci. 2005 Dec;1057:448-65.	2005	2006/1/10	16399912	
673	Aldosterone and telomere length in white blood cells	Benetos A	J Gerontol A Biol Sci Med Sci. 2005 Dec;60(12):1593-6.	2005	2006/1/21	16424294	
674	Asymmetric dimethylarginine (ADMA) accelerates cell senescence	Bode-Böger SM	Vasc Med. 2005 Jul;10 Suppl 1:S65-71.	2005	2006/2/1	16444871	
675	Short telomeres are associated with increased carotid atherosclerosis in hypertensive subjects	Benetos A	Hypertension. 2004 Feb;43(2):182-5.	2004	2004/1/21	14732735	
676	Telomeres and cardiovascular disease: does size matter?	Serrano AL	Circ Res. 2004 Mar 19;94(5):575-84.	2004	2004/3/20	15031270	*
677	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	*
678	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	*

679	Endogenous nitric oxide synthesis inhibitor asymmetric dimethyl L-arginine accelerates endothelial cell senescence	Scalera F	Arterioscler Thromb Vasc Biol. 2004 Oct;24(10):1816-22.	2004	2004/8/17	15308550	
680	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	
681	Antiproliferative activity of G-quartet-forming oligonucleotides with backbone and sugar modifications	Dapić V	Biochemistry. 2002 Mar 19;41(11):3676-85.	2002	2002/3/13	11888284	
682	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	*
683	Critical periods in human growth and their relationship to diseases of aging	Cameron N	Am J Phys Anthropol. 2002;Suppl 35:159-84.	2002	2003/3/26	12653312	
684	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	*
685	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	
686	How long should telomeres be?	Aviv A	Curr Hypertens Rep. 2001 Apr;3(2):145-51.	2001	2001/3/29	11276397	*
687	Short telomeres in patients with vascular dementia: an indicator of low antioxidative capacity and a possible risk factor?	von Zglinicki T	Lab Invest. 2000 Nov;80(11):1739-47.	2000	2000/11/25	11092534	
688	Reflections on telomeres, growth, aging, and essential hypertension	Aviv A	Hypertension. 1997 May;29(5):1067-72.	1997	1997/5/1	9149667	
689	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	*

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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Genetically Increased Telomere Length and Aging-Related Traits in the U.K. Biobank	Demanelis K	J Gerontol A Biol Sci Med Sci. 2021 Jan 1;76(1):15-22.	2021	2019/10/12	31603979	
2	Combined lung and liver transplantation for noncirrhotic portal hypertension with severe hepatopulmonary syndrome in a patient with dyskeratosis congenita	Shin S	Pediatr Transplant. 2021 Mar;25(2):e13802.	2021	2020/8/11	32777145	
3	The correlation of salivary telomere length and single nucleotide polymorphisms of the ADIPOQ, SIRT1 and FOXO3A genes with lifestyle-related diseases in a Japanese population	Han X	PLoS One. 2021 Jan 28;16(1):e0243745.	2021	2021/1/28	33507936	
4	DNA methylation signatures in cord blood associated with birthweight are enriched for dmCpGs previously associated with maternal hypertension or pre-eclampsia, smoking and folate acid intake	Antoun E	Epigenetics. 2021 Apr 28:1-17.	2021	2021/3/31	33784941	
5	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	

6	Stapleless vs Stapled Gastric Bypass vs Hypocaloric Diet: a Three-Arm Randomized Controlled Trial of Body Mass Evolution with Secondary Outcomes for Telomere Length and Metabolic Syndrome Changes	Ospanov O	Obes Surg. 2021 Jul;31(7):3165-3176.	2021	2021/5/8	33963974	
7	Factors Associated with Mutations: Their Matching Rates to Cardiovascular and Neurological Diseases	Lucas HB	Int J Mol Sci. 2021 May 11;22(10):5057.	2021	2021/6/2	34064609	
8	Sex, Age, BMI, and C-Reactive Protein Impact the Odds of Developing Hypertension-Findings Based on Data From the Health and Retirement Study (HRS)	Speer H	Am J Hypertens. 2021 Oct 27;34(10):1057-1063.	2021	2021/6/9	34106249	
9	Novel compound heterozygous STN1 variants are associated with Coats Plus syndrome	Acharya T	Mol Genet Genomic Med. 2021 Dec;9(12):e1708.	2021	2021/6/10	34110109	
10	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	
11	Increased telomere length in patients with frontotemporal dementia syndrome	Kim EJ	J Neurol Sci. 2021 Sep 15;428:117565.	2021	2021/7/26	34311139	
12	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	
13	Influence of Maternal Infection and Pregnancy Complications on Cord Blood Telomere Length	Tung KTS	Oxid Med Cell Longev. 2021 Sep 25;2021:3339456.	2021	2021/10/7	34616503	
14	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	
15	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	
16	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	
17	Dietary patterns and telomere length in community-dwelling Chinese older men and women: a cross-sectional analysis	Chan R	Eur J Nutr. 2020 Oct;59(7):3303-3311.	2020	2020/1/4	31897598	
18	Association between leucocyte telomere length and cardiovascular disease in a large general population in the United States	Xu C	Sci Rep. 2020 Jan 9;10(1):80.	2020	2020/1/11	31919463	
19	Perinatal taurine exerts a hypotensive effect in male spontaneously hypertensive rats and down-regulates endothelial oxide nitric synthase in the aortic arch	Mensegue MF	Clin Exp Pharmacol Physiol. 2020 May;47(5):780-789.	2020	2020/1/21	31958174	
20	Accelerated aging in bipolar disorder: A comprehensive review of molecular findings and their clinical implications	Fries GR	Neurosci Biobehav Rev. 2020 May;112:107-116.	2020	2020/2/5	32018037	
21	Rapid infant weight gain and prenatal maternal depression are associated with prehypertension/hypertension before age 9	Kjaer TW	J Hum Hypertens. 2020 Nov;34(11):795-801.	2020	2020/2/6	32020050	
22	Successful liver transplantation in short telomere syndromes without bone marrow failure due to DKC1 mutation	Del Brío Castillo R	Pediatr Transplant. 2020 May;24(3):e13695.	2020	2020/3/14	32166868	
23	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	

24	The relationship between mean telomere length and blood pressure: results from the National Health and Nutrition Examination Surveys	Huang YQ	Ann Transl Med. 2020 Apr;8(8):535.	2020	2020/5/16	32411758	*
25	SIRT1720-induced activation of SIRT1 alleviates vascular smooth muscle cell senescence through PKA-dependent phosphorylation of AMPKα at Ser485	Sung JY	FEBS Open Bio. 2020 Jul;10(7):1316-1325.	2020	2020/5/19	32421926	
26	[Relationship of telomere length, mitochondrial DNA copy number of peripheral blood with hypertension in coal miners]	Gao YY	Zhonghua Liu Xing Bing Xue Za Zhi. 2020 May 10;41(5):727-732.	2020	2020/5/26	32447915	*
27	Longitudinal Association of Telomere Attrition with the Effects of Antihypertensive Treatment and Blood Pressure Lowering	Zhang S	Aging Dis. 2020 May 9;11(3):494-508.	2020	2020/6/4	32489697	*
28	Accelerated Kidney Aging in Diabetes Mellitus	Guo J	Oxid Med Cell Longev. 2020 Jul 27;2020:1234059.	2020	2020/8/11	32774664	
29	Shorter Leukocyte Telomere Length coupled with lower expression of Telomerase Genes in patients with Essential Hypertension	Cheng G	Int J Med Sci. 2020 Aug 1;17(14):2180-2186.	2020	2020/9/14	32922179	*
30	Analysis of lens epithelium telomere length in age-related cataract	Wang Y	Exp Eye Res. 2020 Dec;201:108279.	2020	2020/9/29	32991882	
31	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	
32	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	
33	Relative Telomere Length in Peripheral Blood Cells and Hypertension Risk among Mine Workers: A Case-Control Study in Chinese Coal Miners	Yu SN	Biomed Res Int. 2020 Dec 3;2020:5681096.	2020	2020/12/23	33354567	*
34	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	*
35	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	
36	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	
37	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	
38	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	
39	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	
40	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	*
41	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	

42	Smooth Muscle Phenotype in Idiopathic Pulmonary Hypertension: Hyper-Proliferative but not Cancerous	Perros F	Int J Mol Sci. 2019 Jul 22;20(14):3575.	2019	2019/7/25	31336611	
43	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	
44	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	
45	Telomere length and associated factors in older adults with hypertension	Liu P	J Int Med Res. 2019 Nov;47(11):5465-5474.	2019	2019/10/31	31662013	*
46	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	*
47	Telomeres as Therapeutic Targets in Heart Disease	Yeh JK	JACC Basic Transl Sci. 2019 Nov 25;4(7):855-865.	2019	2020/1/31	31998853	
48	The genetics and biomechanics of thoracic aortic diseases	Harky A	Vasc Biol. 2019 Oct 15;1(1):R13-R25.	2019	2020/9/14	32923967	
49	Whole-Exome Sequencing in Adults With Chronic Kidney Disease: A Pilot Study	Lata S	Ann Intern Med. 2018 Jan 16;168(2):100-109.	2018	2017/12/6	29204651	
50	Effect of resveratrol and pterostilbene on aging and longevity	Li YR	Biofactors. 2018 Jan;44(1):69-82.	2018	2017/12/7	29210129	
51	Long-term Persistent Organic Pollutants Exposure Induced Telomere Dysfunction and Senescence-Associated Secretory Phenotype	Yuan J	J Gerontol A Biol Sci Med Sci. 2018 Jul 9;73(8):1027-1035.	2018	2018/1/24	29360938	
52	Short Telomere Length is Associated with Aging, Central Obesity, Poor Sleep and Hypertension in Lebanese Individuals	Zgheib NK	Aging Dis. 2018 Feb 1;9(1):77-89.	2018	2018/2/3	29392083	*
53	NADPH Oxidases and Mitochondria in Vascular Senescence	Salazar G	Int J Mol Sci. 2018 Apr 29;19(5):1327.	2018	2018/5/2	29710840	
54	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	
55	Hepatic manifestations of telomere biology disorders	Patnaik MM	J Hepatol. 2018 Sep;69(3):736-743.	2018	2018/5/15	29758336	
56	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	
57	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	
58	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	
59	Telomere length and mortality in the Ludwigshafen Risk and Cardiovascular Health study	Pusceddu I	PLoS One. 2018 Jun 19;13(6):e0198373.	2018	2018/6/20	29920523	

60	Dietary Copper Intake and Its Association With Telomere Length: A Population Based Study	Lin Z	Front Endocrinol (Lausanne). 2018 Jul 30;9:404.	2018	2018/8/15	30105003	
61	Association between phenotypic familial hypercholesterolaemia and telomere length in US adults: results from a multi-ethnic survey	Banach M	Eur Heart J. 2018 Oct 21;39(40):3635-3640.	2018	2018/8/31	30165413	*
62	The impact of hypertension on leukocyte telomere length: a systematic review and meta-analysis of human studies	Tellechea ML	J Hum Hypertens. 2017 Feb;31(2):99-105.	2017	2016/7/1	27357526	*
63	Abdominal paraganglioma in a young woman with 1p36 deletion syndrome	Murakoshi M	Am J Med Genet A. 2017 Feb;173(2):495-500.	2017	2016/10/25	27774766	
64	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	
65	Protective proteins and telomere length in placentas from patients with pre-eclampsia in the last trimester of gestation	Broady AJ	Placenta. 2017 Feb;50:44-52.	2017	2017/2/6	28161061	
66	Demographic, phenotypic, and genetic characteristics of centenarians in Okinawa and Honshu, Japan: Part 2 Honshu, Japan	Arai Y	Mech Ageing Dev. 2017 Jul;165(Pt B):80-85.	2017	2017/2/20	28214534	
67	Association between genetic polymorphism of telomere-associated gene ACYP2 and the risk of HAPF among the Chinese Han population: A Case-control study	Zhu L	Medicine (Baltimore). 2017 Mar;96(13):e6504.	2017	2017/3/30	28353602	
68	Posttraumatic stress disorder and accelerated aging: PTSD and leukocyte telomere length in a sample of civilian women	Roberts AL	Depress Anxiety. 2017 May;34(5):391-400.	2017	2017/4/6	28380289	
69	Arterial stiffness by oscillometric device and telomere length in juvenile idiopathic arthritis with no cardiovascular risk factors: a cross-sectional study	Picarelli MM	Pediatr Rheumatol Online J. 2017 May 4;15(1):34.	2017	2017/5/6	28472973	
70	Inflammatory Long Pentraxin 3 is Associated with Leukocyte Telomere Length in Night-Shift Workers	Pavanello S	Front Immunol. 2017 May 9;8:516.	2017	2017/5/25	28536575	
71	Ancestry, Telomere Length, and Atherosclerosis Risk	Benetos A	Circ Cardiovasc Genet. 2017 Jun;10(3):e001718.	2017	2017/6/16	28615296	
72	Preterm infants have significantly longer telomeres than their term-born counterparts	Vasu V	PLoS One. 2017 Jun 28;12(6):e0180082.	2017	2017/6/29	28658264	
73	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	
74	Cardiac Aging - Benefits of Exercise, Nrf2 Activation and Antioxidant Signaling	Narasimhan M	Adv Exp Med Biol. 2017;999:231-255.	2017	2017/10/13	29022266	
75	Earthquake Experience at Different Trimesters during Pregnancy Is Associated with Leukocyte Telomere Length and Long-term Health in Adulthood	Wang R	Front Psychiatry. 2017 Oct 16;8:208.	2017	2017/11/1	29085308	*
76	Growth Hormone, Insulin-Like Growth Factor-1, Insulin Resistance, and Leukocyte Telomere Length as Determinants of Arterial Aging in Subjects Free of Cardiovascular Disease	Strazhesko ID	Front Genet. 2017 Dec 15;8:198.	2017	2018/1/30	29375617	
77	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	

78	Short Leukocyte Telomere Length Is Associated With Cardioembolic Stroke Risk in Patients With Atrial Fibrillation	Allende M	Stroke. 2016 Mar;47(3):863-5.	2016	2016/1/21	26786116	
79	Successful Aging and Frailty: Opposite Sides of the Same Coin?	Woo J	J Am Med Dir Assoc. 2016 Sep 1;17(9):797-801.	2016	2016/5/30	27236545	
80	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	
81	Abstracts from the 3rd International Genomic Medicine Conference (3rd IGMC 2015) : Jeddah, Kingdom of Saudi Arabia. 30 November - 3 December 2015	Shay JW	BMC Genomics. 2016 Jul 20;17 Suppl 6(Suppl 6):487.	2016	2016/7/26	27454254	
82	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	*
83	Telomeres and Telomerase in Cardiovascular Diseases	Yeh JK	Genes (Basel). 2016 Sep 1;7(9):58.	2016	2016/9/7	27598203	
84	Association between Genetic Variations Affecting Mean Telomere Length and the Prevalence of Hypertension and Coronary Heart Disease in Koreans	Paik JK	Clin Nutr Res. 2016 Oct;5(4):249-260.	2016	2016/11/5	27812514	*
85	[Association of renal function, telomere length and markers of chronic inflammation for patients without chronic kidney and cardiovascular diseases]	Pykhtina VS	Adv Gerontol. 2016;29(1):79-85.	2016	2017/4/20	28423250	
86	Vascular Aging: Implications for Cardiovascular Disease and Therapy	Ghebre YT	Transl Med (Sunnyvale). 2016 Dec;6(4):183.	2016	2017/9/22	28932625	
87	Telomere shortening: a new prognostic factor for cardiovascular disease post-radiation exposure	M'kacher R	Radiat Prot Dosimetry. 2015 Apr;164(1-2):134-7.	2015	2014/10/3	25274533	
88	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	
89	Comparison of telomere length in black and white teachers from South Africa: the sympathetic activity and ambulatory blood pressure in African study	von Känel R	Psychosom Med. 2015 Jan;77(1):26-32.	2015	2014/12/4	25469684	
90	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	*
91	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	
92	Role for telomerase in pulmonary hypertension	Mouraret N	Circulation. 2015 Feb 24;131(8):742-755.	2015	2015/1/1	25550449	
93	Telomere length in the two extremes of abnormal fetal growth and the programming effect of maternal arterial hypertension	Tellechea M	Sci Rep. 2015 Jan 19;5:7869.	2015	2015/1/20	25598199	
94	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	*
95	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	

96	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	
97	Whole exome sequencing in an Indian family links Coats plus syndrome and dextrocardia with a homozygous novel CTC1 and a rare HEC7 variation	Netravathi M	BMC Med Genet. 2015 Feb 10;16:5.	2015	2015/5/1	25928698	
98	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	
99	Seventy years after the siege of Leningrad: does early life famine still affect cardiovascular risk and aging?	Rotar O	J Hypertens. 2015 Sep;33(9):1772-9; discussion 1779.	2015	2015/7/3	26136204	
100	Hepatopulmonary syndrome is a frequent cause of dyspnea in the short telomere disorders	Gorgy AI	Chest. 2015 Oct;148(4):1019-1026.	2015	2015/7/10	26158642	
101	Telomeres and essential hypertension	Ma L	Clin Biochem. 2015 Nov;48(16-17):1195-9.	2015	2015/7/15	26169243	*
102	Association of relative telomere length with cardiovascular disease in a large chronic kidney disease cohort: the GCKD study	Raschenberger J	Atherosclerosis. 2015 Oct;242(2):529-34.	2015	2015/8/25	26302167	
103	Association of leukocyte telomere length in peripheral blood leukocytes with endometrial cancer risk in Caucasian Americans	Sun Y	Carcinogenesis. 2015 Nov;36(11):1327-32.	2015	2015/9/20	26385889	
104	Accelerated Telomere Shortening in Acromegaly: IGF-I Induces Telomere Shortening and Cellular Senescence	Matsumoto R	PLoS One. 2015 Oct 8;10(10):e0140189.	2015	2015/10/9	26448623	
105	Telomere Maintenance Is a Critical Determinant in the Physiopathology of Pulmonary Hypertension	Izikki M	J Am Coll Cardiol. 2015 Oct 27;66(17):1942-3.	2015	2015/10/24	26493667	
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107	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	
108	Effects of Lifestyle Modification on Telomerase Gene Expression in Hypertensive Patients: A Pilot Trial of Stress Reduction and Health Education Programs in African Americans	Duraimani S	PLoS One. 2015 Nov 16;10(11):e0142689.	2015	2015/11/17	26571023	*
109	Early Vascular Ageing - A Concept in Development	M Nilsson P	Eur Endocrinol. 2015 Apr;11(1):26-31.	2015	2018/4/11	29632563	
110	Reduced fetal telomere length in gestational diabetes	Xu J	PLoS One. 2014 Jan 22;9(1):e86161.	2014	2014/1/28	24465936	
111	Prospective coronary heart disease screening in asymptomatic Hodgkin lymphoma patients using coronary computed tomography angiography: results and risk factor analysis	Girinsky T	Int J Radiat Oncol Biol Phys. 2014 May 1;89(1):59-66.	2014	2014/3/12	24613809	
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113	Molecular mechanisms of ageing and related diseases	Liu JP	Clin Exp Pharmacol Physiol. 2014 Jul;41(7):445-58.	2014	2014/5/7	24798238	

114	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	
115	DNA methylation of human telomerase reverse transcriptase associated with leukocyte telomere length shortening in lymphohemopoietic-type hypertension in humans and in a rat	Zhang DH	Circ J. 2014;78(8):1915-23.	2014	2014/6/3	24882549	*
116	Association between previously identified loci affecting telomere length and coronary heart disease (CHD) in Han Chinese population	Ding H	Clin Interv Aging. 2014 May 27;9:857-61.	2014	2014/6/7	24904205	
117	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	
118	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	
119	Can the TLR-4-mediated signaling pathway be "a key inflammatory promoter for sporadic TAA"?	Ruvolo G	Mediators Inflamm. 2014;2014:349476.	2014	2014/8/15	25120286	
120	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	
121	Premature cardiac senescence in DahlS.Z-Lepr(fa)/Lepr(fa) rats as a new animal model of metabolic syndrome	Takahashi K	Nagoya J Med Sci. 2014 Feb;76(1-2):35-49.	2014	2014/8/19	25129990	
122	Identification of genes with altered expression in male and female Schlager hypertensive mice	Chiu CL	BMC Med Genet. 2014 Aug 30;15:101.	2014	2014/9/27	25259444	
123	Telomere length variations in aging and age-related diseases	Rizvi S	Curr Aging Sci. 2014;7(3):161-7.	2014	2015/1/24	25612739	
124	SIRT1 as a novel potential treatment target for vascular aging and age-related vascular diseases	Wang F	Curr Mol Med. 2013 Jan;13(1):155-64.	2013	2012/9/1	22934845	
125	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	
126	Telomere length is associated with ACE I/D polymorphism in hypertensive patients with left ventricular hypertrophy	Fyhrquist F	J Renin Angiotensin Aldosterone Syst. 2013 Sep;14(3):227-34.	2013	2012/10/19	23077078	*
127	Molecular markers of cardiovascular damage in hypertension	Armani C	Curr Pharm Des. 2013;19(13):2341-50.	2013	2012/11/24	23173583	*
128	Hepatocellular carcinoma and other malignancies in autoimmune hepatitis	Czaja AJ	Dig Dis Sci. 2013 Jun;58(6):1459-76.	2013	2013/1/12	23306849	
129	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	
130	Relaxation response induces temporal transcriptome changes in energy metabolism, insulin secretion and inflammatory pathways	Bhasin MK	PLoS One. 2013 May 1;8(5):e62817.	2013	2013/5/8	23650531	
131	Telomeres and cardiovascular disease risk: an update 2013	Nilsson PM	Transl Res. 2013 Dec;162(6):371-80.	2013	2013/6/11	23748031	

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133	Nitric oxide synthase inhibition and oxidative stress in cardiovascular diseases: possible therapeutic targets?	Rochette L	Pharmacol Ther. 2013 Dec;140(3):239-57.	2013	2013/7/18	23859953	
134	Decreased leukocyte telomere length (LTL) is associated with stroke but unlikely to be causative	Jiang X	PLoS One. 2013 Jul 5;8(7):e68254.	2013	2013/7/18	23861874	
135	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	
136	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	
137	Measuring telomere length for the early detection of precursor lesions of esophageal squamous cell carcinoma	Lin SW	BMC Cancer. 2013 Dec 5;13:578.	2013	2013/12/7	24308314	
138	Skin mirrors human aging	Nikolakis G	Horm Mol Biol Clin Investig. 2013 Dec;16(1):13-28.	2013	2014/12/2	25436743	
139	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	*
140	Downregulation of Bradykinin type 2 receptor expression in cardiac endothelial cells during senescence	Nurmi L	J Vasc Res. 2012;49(1):13-23.	2012	2011/10/12	21986469	
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142	Association of shorter telomere length with essential hypertension in Indian population	Bhupatiraju C	Am J Hum Biol. 2012 Jul-Aug;24(4):573-8.	2012	2012/3/21	22431479	*
143	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	
144	Angiotensin II type 1 receptor gene polymorphism and telomere shortening in essential hypertension	Farrag W	Mol Cell Biochem. 2011 May;351(1-2):13-8.	2011	2011/1/15	21234654	*
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148	Telomere length and cardiovascular risk in hypertensive patients with left ventricular hypertrophy: the LIFE study	Fyhrquist F	J Hum Hypertens. 2011 Dec;25(12):711-8.	2011	2011/6/24	21697896	*
149	Pulmonary artery smooth muscle cell senescence is a pathogenic mechanism for pulmonary hypertension in chronic lung disease	Noureddine H	Circ Res. 2011 Aug 19;109(5):543-53.	2011	2011/7/2	21719760	

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152	Differential effects of heart rate reduction with ivabradine in two models of endothelial dysfunction and oxidative stress	Kröller-Schön S	Basic Res Cardiol. 2011 Nov;106(6):1147-58.	2011	2011/10/4	21964558	
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156	Telomere shortening in sleep apnea syndrome	Barceló A	Respir Med. 2010 Aug;104(8):1225-9.	2010	2010/5/1	20430605	
157	Impaired endothelial repair capacity of early endothelial progenitor cells in prehypertension: relation to endothelial dysfunction	Giannotti G	Hypertension. 2010 Jun;55(6):1389-97.	2010	2010/5/12	20458006	
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161	[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	*
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165	Telomere length and pulse pressure in newly diagnosed, antipsychotic-naïve patients with nonaffective psychosis	Fernandez-Egea E	Schizophr Bull. 2009 Mar;35(2):437-42.	2009	2009/3/13	19279086	*
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172	Role of telomeres in vascular senescence	Minamino T	Front Biosci. 2008 Jan 1;13:2971-9.	2008	2007/11/6	17981770	
173	Telomere length may be associated with hypertension	Lung FW	J Hum Hypertens. 2008 Mar;22(3):230-2.	2008	2007/11/30	18046431	*
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180	Telomere shortening & metabolic/vascular diseases	Balasubramanyam M	Indian J Med Res. 2007 Mar;125(3):441-50.	2007	2007/5/15	17496367	*
181	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	*
182	Telomere dysfunction in hypertension	Fuster JJ	J Hypertens. 2007 Nov;25(11):2185-92.	2007	2007/10/9	17921808	*
183	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	
184	Anatomical relationship between traditional acupuncture point ST 36 and Omura's ST 36 (True ST 36) with their therapeutic effects: 1) inhibition of cancer cell division by markedly lowering cancer cell	Omura Y	Acupunct Electrother Res. 2007;32(1-2):31-70.	2007	2007/12/15	18077937	
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188	Linkage analysis of chromosome 1 with essential hypertension and blood pressure quantitative traits in Chinese families	Ge D	Ann Hum Genet. 2005 Jan;69(Pt 1):45-54.	2005	2005/1/11	15638827	
189	Merging models of hepatitis C virus pathogenesis	Tillmann HL	Semin Liver Dis. 2005 Feb;25(1):84-92.	2005	2005/2/26	15732000	
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191	How the endothelium and its bone marrow-derived progenitors influence development of disease	Stefanec T	Med Hypotheses. 2004;62(2):247-51.	2004	2004/2/14	14962635	
192	Telomeres and cardiovascular disease: does size matter?	Serrano AL	Circ Res. 2004 Mar 19;94(5):575-84.	2004	2004/3/20	15031270	
193	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	
194	A genome-wide affected sibpair linkage analysis of hypertension: the HyperGEN network	Rao DC	Am J Hypertens. 2003 Feb;16(2):148-50.	2003	2003/2/1	12559683	
195	Variation near the region of the lipoprotein lipase gene and hypertension or blood pressure levels in Chinese	Yang W	Hypertens Res. 2003 Jun;26(6):459-64.	2003	2003/7/17	12862202	
196	Telomerase activation causes vascular smooth muscle cell proliferation in genetic hypertension	Cao Y	FASEB J. 2002 Jan;16(1):96-8.	2002	2002/1/5	11772940	
197	Chronology versus biology: telomeres, essential hypertension, and vascular aging	Aviv A	Hypertension. 2002 Sep;40(3):229-32.	2002	2002/9/7	12215458	
198	Critical periods in human growth and their relationship to diseases of aging	Cameron N	Am J Phys Anthropol. 2002;Suppl 35:159-84.	2002	2003/3/26	12653312	
199	Telomeres: the time factor in essential hypertension	Aviv A	Curr Hypertens Rep. 2001 Feb;3(1):33-5.	2001	2001/2/15	11177705	*
200	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	
201	Hypothesis: pulse pressure and human longevity	Aviv A	Hypertension. 2001 Apr;37(4):1060-6.	2001	2001/4/17	11304503	
202	Telomeres and essential hypertension	Aviv A	Am J Hypertens. 1999 Apr;12(4 Pt 1):427-32.	1999	1999/5/8	10232505	*
203	Shortened telomere length in white blood cells of patients with IDDM	Jeanclous E	Diabetes. 1998 Mar;47(3):482-6.	1998	1998/3/31	9519758	

204	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	
205	Reflections on telomeres, growth, aging, and essential hypertension	Aviv A	Hypertension. 1997 May;29(5):1067-72.	1997	1997/5/1	9149667	*

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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	The relationship between telomere length and putative markers of vascular ageing: A systematic review and meta-analysis	Kosmopoulos M	Mech Ageing Dev. 2022 Jan;201:111604.	2022	2021/11/14	34774607	*
2	Telomere Length, Traditional Risk Factors, Factors Related to Human Immunodeficiency Virus (HIV) and Coronary Artery Disease Events in Swiss Persons Living With HIV	Engel T	Clin Infect Dis. 2021 Oct 5;73(7):e2070-e2076.	2021	2020/7/30	32725240	*
3	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	*
4	The associations of hostility and defensiveness with telomere length are influenced by sex and health status	Starnino L	Biol Sex Differ. 2021 Jan 4;12(1):2.	2021	2021/1/5	33397445	*
5	Effects of Randomized Controlled Infancy-Onset Dietary Intervention on Leukocyte Telomere Length-The Special Turku Coronary Risk Factor Intervention Project (STRIP)	Pitkänen N	Nutrients. 2021 Jan 22;13(2):318.	2021	2021/1/27	33499376	*
6	Telomerase as a Therapeutic Target in Cardiovascular Disease	Hoffmann J	Arterioscler Thromb Vasc Biol. 2021 Mar;41(3):1047-1061.	2021	2021/1/28	33504179	*
7	[Telomere length as a biomarker of the risk of cardiovascular complications in patients with coronary heart disease]	Doroshchuk NA	Ter Arkh. 2021 Jan 10;93(1):20-24.	2021	2021/3/15	33720621	*
8	An original biomarker for the risk of developing cardiovascular diseases and their complications: Telomere length	Doroschuk NA	Toxicol Rep. 2021 Mar 4;8:499-504.	2021	2021/3/18	33732625	*
9	Biomarkers representing key aging-related biological pathways are associated with subclinical atherosclerosis and all-cause mortality: The Fingertone Study	Castro-Diehl C	PLoS One. 2021 May 14;16(5):e0251308.	2021	2021/5/14	33989340	
10	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes	Nachun D	Aging Cell. 2021 Jun;20(6):e13366.	2021	2021/5/29	34050697	
11	Cardiac Mesenchymal Cells Cultured at Physiologic Oxygen Tension Have Superior Therapeutic Efficacy in Heart Failure Caused by Myocardial Infarction	Bolli RAR	Front Cell Dev Biol. 2021 May 26;9:662415.	2021	2021/6/14	34124043	
12	Growth differentiation factor 11 attenuates cardiac ischemia reperfusion injury via enhancing mitochondrial biogenesis and telomerase activity	Chen L	Cell Death Dis. 2021 Jul 2;12(7):665.	2021	2021/7/3	34215721	
13	Conventional Risk Factors, Telomere Length, and Ischemic Heart disease: Insights into the Mediation Analysis	Piplani S	Genome Integr. 2021 May 31;12:1.	2021	2021/7/5	34221339	*
14	Identifying a Serum Exosomal-Associated lncRNA/circRNA-miRNA-mRNA Network in Coronary Heart Disease	Mao J	Cardiol Res Pract. 2021 Jun 23;2021:6682183.	2021	2021/7/14	34258055	*

15	Nucleus-mitochondria positive feedback loop formed by ERK5 S496 phosphorylation-mediated poly (ADP-ribose) polymerase activation reveals persistent pro-inflammatory senescent phenotype and	Kotla S	Redox Biol. 2021 Nov;47:102132.	2021	2021/10/7	34619528	
16	The association of leukocyte telomere length and intermediate coronary lesions - a retrospective study	Zhang A	Ann Palliat Med. 2021 Dec 8;apm-21-2295.	2021	2021/12/13	34894710	*
17	RELATIVE TELOMERE LENGTH OF PERIPHERAL BLOOD LYMPHOCYTES AND STRUCTURAL AND FUNCTIONAL STATE OF THE LEFT VENTRICLE MYOCARDIUM IN CLEAN-UP WORKERS OF THE	Belyi DO	Probl Radiac Med Radiobiol. 2021 Dec;26:319-338.	2021	2021/12/29	34965558	*
18	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	*
19	Shorter Leukocyte Telomere Lengths in Healthy Relatives of Patients with Coronary Heart Disease	Opstad TB	Rejuvenation Res. 2020 Aug;23(4):324-332.	2020	2019/12/7	31805818	*
20	The association of telomere length and telomerase activity with adverse outcomes in older patients with non-ST-elevation acute coronary syndrome	Chan D	PLoS One. 2020 Jan 10;15(1):e0227616.	2020	2020/1/11	31923255	*
21	Racial discrimination and telomere shortening among African Americans: The Coronary Artery Risk Development in Young Adults (CARDIA) Study	Chae DH	Health Psychol. 2020 Mar;39(3):209-219.	2020	2020/1/14	31928029	*
22	Predictive value of leukocyte telomere length for the severity of coronary artery disease	Sun Y	Per Med. 2020 May 1;17(3):175-183.	2020	2020/1/28	31984849	*
23	Deletion of Rap1 protects against myocardial ischemia/reperfusion injury through suppressing cell apoptosis via activation of STAT3 signaling	Cai Y	FASEB J. 2020 Mar;34(3):4482-4496.	2020	2020/2/6	32020680	*
24	The association between dietary quality indices and serum telomerase activity in patient candidates for CABG	Farhangi MA	Eat Weight Disord. 2020 Oct;25(5):1461-1468.	2020	2020/2/15	32056109	*
25	NADPH Oxidase Overactivity Underlies Telomere Shortening in Human Atherosclerosis	Pejenaute Á	Int J Mol Sci. 2020 Feb 20;21(4):1434.	2020	2020/2/26	32093292	*
26	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length	Li C	Am J Hum Genet. 2020 Mar 5;106(3):389-404.	2020	2020/2/29	32109421	
27	A Review of Exercise as Medicine in Cardiovascular Disease: Pathology and Mechanism	Gronek P	Aging Dis. 2020 Mar 9;11(2):327-340.	2020	2020/4/8	32257545	
28	The molecular biomarkers of vascular aging and atherosclerosis: telomere length and mitochondrial DNA(4977) common deletion	Vecoli C	Mutat Res Rev Mutat Res. 2020 Apr-Jun;784:108309.	2020	2020/5/21	32430098	*
29	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	*
30	Leukocyte telomere length: a potential biomarker for the prognosis of coronary artery disease	Sun Y	Biomark Med. 2020 Jul;14(11):933-941.	2020	2020/7/3	32613841	*
31	Diet and Dermatology: The Role of a Whole-food, Plant-based Diet in Preventing and Reversing Skin Aging-A Review	Solway J	J Clin Aesthet Dermatol. 2020 May;13(5):38-43. Epub 2020 May 1.	2020	2020/8/18	32802255	
32	Telomerase Activation to Reverse Immunosenescence in Elderly Patients With Acute Coronary Syndrome: Protocol for a Randomized Pilot Trial	Maier R	JMIR Res Protoc. 2020 Sep 23;9(9):e19456.	2020	2020/9/23	32965237	*

33	Effect of plasma polyunsaturated fatty acid levels on leukocyte telomere lengths in the Singaporean Chinese population	Chang X	Nutr J. 2020 Oct 30;19(1):119.	2020	2020/10/31	33126880	
34	TPP1 Enhances the Therapeutic Effects of Transplanted Aged Mesenchymal Stem Cells in Infarcted Hearts via the MRE11/AKT Pathway	Yu K	Front Cell Dev Biol. 2020 Oct 29;8:588023.	2020	2020/11/16	33195247	*
35	Relative Telomere Length in Peripheral Blood Cells and Hypertension Risk among Mine Workers: A Case-Control Study in Chinese Coal Miners	Yu SN	Biomed Res Int. 2020 Dec 3;2020:5681096.	2020	2020/12/23	33354567	
36	Potential associations of testosterone/estradiol ratio, leukocyte hTERT expression and PBMC telomerase activity with aging and the presence of coronary artery disease in men	Huang Y	Exp Gerontol. 2019 Mar;117:38-44.	2019	2018/9/5	30179663	*
37	Genetic analysis of the relation of telomere length-related gene (RTEL1) and coronary heart disease risk	Lu S	Mol Genet Genomic Med. 2019 Mar;7(3):e550.	2019	2019/1/10	30623606	*
38	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	*
39	Telomere length and cardiovascular disease risk	Zhan Y	Curr Opin Cardiol. 2019 May;34(3):270-274.	2019	2019/2/13	30747731	*
40	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	
41	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	*
42	Leukocyte telomere length, mitochondrial DNA copy number, and coronary artery disease risk and severity: A two-stage case-control study of 2064 Chinese subjects	Wang XB	Atherosclerosis. 2019 May;284:165-172.	2019	2019/3/29	30921599	*
43	An investigation of racial/ethnic and sex differences in the association between experiences of everyday discrimination and leukocyte telomere length among patients with coronary artery disease	Sullivan S	Psychoneuroendocrinology. 2019 Aug;106:122-128.	2019	2019/4/13	30978531	*
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45	DNA methylation-based estimator of telomere length	Lu AT	Aging (Albany NY). 2019 Aug 18;11(16):5895-5923.	2019	2019/8/19	31422385	*
46	Telomere length and aging-related outcomes in humans: A Mendelian randomization study in 261,000 older participants	Kuo CL	Aging Cell. 2019 Dec;18(6):e13017.	2019	2019/8/25	31444995	*
47	Telomere length, vitamin B12 and mortality in persons undergoing coronary angiography: the Ludwigshafen risk and cardiovascular health study	Pusceddu I	Aging (Albany NY). 2019 Sep 6;11(17):7083-7097.	2019	2019/9/8	31492825	*
48	Independent and Combined Effects of Telomere Shortening and mtDNA(4977) Deletion on Long-term Outcomes of Patients with Coronary Artery Disease	Vecoli C	Int J Mol Sci. 2019 Nov 5;20(21):5508.	2019	2019/11/8	31694204	*
49	Telomerase RNA Component Genetic Variants Interact With the Mediterranean Diet Modifying the Inflammatory Status and its Relationship With Aging: CORDISREVE Study	Gomez-Delgado F	J Gerontol A Biol Sci Med Sci. 2018 Mar 2;73(3):327-332.	2018	2016/10/7	27707805	*
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52	Cholesterol efflux capacity does not associate with coronary calcium, plaque vulnerability, and telomere length in healthy octogenarians	Zimetti F	J Lipid Res. 2018 Apr;59(4):714-721.	2018	2018/2/14	29436385	*
53	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure	Sung YJ	Am J Hum Genet. 2018 Mar 1;102(3):375-400.	2018	2018/2/20	29455858	
54	Telomerase Mediates Lymphocyte Proliferation but Not the Atherosclerosis-Suppressive Potential of Regulatory T-Cells	Richardson GD	Arterioscler Thromb Vasc Biol. 2018 Jun;38(6):1283-1296.	2018	2018/3/31	29599138	*
55	Telomere length and mortality in the Ludwigshafen Risk and Cardiovascular Health study	Pusceddu I	PLoS One. 2018 Jun 19;13(6):e0198373.	2018	2018/6/20	29920523	
56	Association between phenotypic familial hypercholesterolaemia and telomere length in US adults: results from a multi-ethnic survey	Banach M	Eur Heart J. 2018 Oct 21;39(40):3635-3640.	2018	2018/8/31	30165413	
57	Leukocyte telomere length and risk of coronary heart disease and stroke mortality: prospective evidence from a Russian cohort	Stefler D	Sci Rep. 2018 Nov 9;8(1):16627.	2018	2018/11/11	30413768	*
58	Correlation of the telomere length with type 2 diabetes mellitus in patients with ischemic heart disease	Piplani S	Indian Heart J. 2018 Dec;70 Suppl 3(Suppl 3):S173-S176.	2018	2019/1/1	30595252	
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61	Growth Differentiation Factor 15 as a Biomarker in Cardiovascular Disease	Wollert KC	Clin Chem. 2017 Jan;63(1):140-151.	2017	2017/1/8	28062617	
62	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study	Telomeres Mendelian Randomization	JAMA Oncol. 2017 May 1;3(5):636-651.	2017	2017/2/28	28241208	
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67	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	*
68	Network Mendelian Randomization Study Design to Assess Factors Mediating the Causal Link Between Telomere Length and Heart Disease	Morgan RG	Circ Res. 2017 Jul 21;121(3):200-202.	2017	2017/7/22	28729448	*

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71	Association Between Oxidative Stress and Peripheral Leukocyte Telomere Length in Patients with Premature Coronary Artery Disease	Tian R	Med Sci Monit. 2017 Sep 11;23:4382-4390.	2017	2017/9/12	28892468	*
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74	Association of TERT polymorphisms and risk of coronary heart disease in a Chinese Han population	Han H	Oncotarget. 2017 Jun 28;8(40):67519-67525.	2017	2017/10/6	28978050	*
75	Gravidity is not associated with telomere length in a biracial cohort of middle-aged women: The Coronary Artery Risk Development in Young Adults (CARDIA) study	Lane-Cordova AD	PLoS One. 2017 Oct 19;12(10):e0186495.	2017	2017/10/20	29049398	*
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88	Study to Improve Cardiovascular Outcomes in high-risk older patients (ICON1) with acute coronary syndrome: study design and protocol of a prospective observational study	Kunadian V	BMJ Open. 2016 Aug 23;6(8):e012091.	2016	2016/8/25	27554105	*
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90	Association between Genetic Variations Affecting Mean Telomere Length and the Prevalence of Hypertension and Coronary Heart Disease in Koreans	Paik JK	Clin Nutr Res. 2016 Oct;5(4):249-260.	2016	2016/11/5	27812514	*
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107	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	*
108	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	*
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113	Association between previously identified loci affecting telomere length and coronary heart disease (CHD) in Han Chinese population	Ding H	Clin Interv Aging. 2014 May 27;9:857-61.	2014	2014/6/7	24904205	*
114	Novel neuroendocrine and metabolic mechanism provides the patented platform for important rejuvenation therapies: targeted therapy of telomere attrition and lifestyle changes of telomerase activity with the	Babizhayev MA	Recent Pat Endocr Metab Immune Drug Discov. 2014;8(3):153-79.	2014	2014/6/10	24910283	
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119	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	
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121	Relationship between average leucocyte telomere length and the presence or severity of idiopathic dilated cardiomyopathy in black Africans	Raymond AR	Eur J Heart Fail. 2013 Jan;15(1):54-60.	2013	2012/10/5	23035035	
122	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	*

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124	Relation between leukocyte telomere length and incident coronary heart disease events (from the 1995 Canadian Nova Scotia Health Survey)	Ye S	Am J Cardiol. 2013 Apr 1;111(7):962-7.	2013	2013/2/5	23375186	*
125	Identification of seven loci affecting mean telomere length and their association with disease	Codd V	Nat Genet. 2013 Apr;45(4):422-7, 427e1-2.	2013	2013/3/29	23535734	
126	Development of a new multiplex quantitative real-time PCR assay for the detection of the mtDNA(4977) deletion in coronary artery disease patients: a link with telomere shortening	Sabatino L	Environ Mol Mutagen. 2013 Jun;54(5):299-307.	2013	2013/5/25	23703697	*
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128	The developmental origins of ageing: study protocol for the Dutch famine birth cohort study on ageing	de Rooij SR	BMJ Open. 2013 Jun 20;3(6):e003167.	2013	2013/6/25	23794570	
129	Leukocyte telomere length and coronary artery calcification in Palestinians	Kark JD	Atherosclerosis. 2013 Aug;229(2):363-8.	2013	2013/7/25	23880188	*
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131	Association of TERC and OBFC1 haplotypes with mean leukocyte telomere length and risk for coronary heart disease	Maubaret CG	PLoS One. 2013 Dec 12;8(12):e83122.	2013	2013/12/19	24349443	*
132	Association of a sequence variant in DAB2IP with coronary heart disease	Harrison SC	Eur Heart J. 2012 Apr;33(7):881-8.	2012	2011/3/30	21444365	
133	Downregulation of Bradykinin type 2 receptor expression in cardiac endothelial cells during senescence	Nurmi L	J Vasc Res. 2012;49(1):13-23.	2012	2011/10/12	21986469	
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135	Age-related changes in endothelial function and blood flow regulation	Toda N	Pharmacol Ther. 2012 Feb;133(2):159-76.	2012	2011/11/15	22079549	
136	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	*
137	Tracking chromatid segregation to identify human cardiac stem cells that regenerate extensively the infarcted myocardium	Kajstura J	Circ Res. 2012 Sep 14;111(7):894-906.	2012	2012/8/2	22851539	
138	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	*
139	No shorter telomeres in subjects with a family history of cardiovascular disease in the Asklepios study	De Meyer T	Arterioscler Thromb Vasc Biol. 2012 Dec;32(12):3076-81.	2012	2012/10/23	23087363	
140	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	*

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142	Telomeres and atherosclerosis	Khan S	Cardiovasc J Afr. 2012 Nov;23(10):563-71.	2012	2012/11/30	23192261	*
143	Association of shorter mean telomere length with large artery stiffness in patients with coronary heart disease	Wang YY	Aging Male. 2011 Mar;14(1):27-32.	2011	2010/11/12	21067315	*
144	Association between telomere length and C-reactive protein and the development of coronary collateral circulation in patients with coronary artery disease	Solorio S	Angiology. 2011 Aug;62(6):467-72.	2011	2011/3/29	21441231	*
145	Telomerase-based immortalization modifies the angiogenic/inflammatory responses of human coronary artery endothelial cells	Baumer Y	Exp Biol Med (Maywood). 2011 Jun 1;236(6):692-700.	2011	2011/5/12	21558092	*
146	Depression and leukocyte telomere length in patients with coronary heart disease: data from the Heart and Soul Study	Hoen PW	Psychosom Med. 2011 Sep;73(7):541-7.	2011	2011/5/21	21597035	*
147	Leukocyte telomere length is associated with high-risk plaques on virtual histology intravascular ultrasound and increased circulating telomerase activity	Calvert PA	Arterioscler Thromb Vasc Biol. 2011 Sep;31(9):2157-64.	2011	2011/6/18	21680897	*
148	Telomere length and cardiovascular risk in hypertensive patients with left ventricular hypertrophy: the LIFE study	Fuhrquist F	J Hum Hypertens. 2011 Dec;25(12):711-8.	2011	2011/6/24	21697896	
149	Telomerase expression on aortic wall endothelial cells is attenuated in abdominal aortic aneurysms compared to healthy nonaneurysmal arteries	Dimitroulis D	J Vasc Surg. 2011 Dec;54(6):1778-83.	2011	2011/9/16	21917401	
150	Physical fitness and telomere length in patients with coronary heart disease: findings from the Heart and Soul Study	Krauss J	PLoS One. 2011;6(11):e26983.	2011	2011/11/19	22096513	*
151	Telomere biology in healthy aging and disease	Oeseburg H	Pflugers Arch. 2010 Jan;459(2):259-68.	2010	2009/9/17	19756717	*
152	Telomere length and adiposity in a racially diverse sample	Diaz VA	Int J Obes (Lond). 2010 Feb;34(2):261-5.	2010	2009/9/24	19773737	
153	Mechanisms of myocardial regeneration	Hosoda T	Circ J. 2010 Jan;74(1):13-7.	2010	2009/11/19	19920358	
154	Leukocyte telomere length and coronary artery calcification	Mainous AG 3rd	Atherosclerosis. 2010 May;210(1):262-7.	2010	2009/12/1	19945703	*
155	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	*
156	Telomere length trajectory and its determinants in persons with coronary artery disease: longitudinal findings from the heart and soul study	Farzaneh-Far R	PLoS One. 2010 Jan 8;5(1):e8612.	2010	2010/1/15	20072607	*
157	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	
158	Telomeres are shorter in myocardial infarction patients compared to healthy subjects: correlation with environmental risk factors	Maubaret CG	J Mol Med (Berl). 2010 Aug;88(8):785-94.	2010	2010/4/13	20383691	*

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160	Effect of healthy lifestyle behaviors on the association between leukocyte telomere length and coronary artery calcium	Diaz VA	Am J Cardiol. 2010 Sep 1;106(5):659-63.	2010	2010/8/21	20723641	*
161	Association of shorter telomeres with coronary artery disease in Indian subjects	Mukherjee M	Heart. 2009 Apr;95(8):669-73.	2009	2008/11/26	19028761	*
162	Effect of intensive lipid-lowering therapy on telomere erosion in endothelial progenitor cells obtained from patients with coronary artery disease	Satoh M	Clin Sci (Lond). 2009 May 1;116(11):827-35.	2009	2008/12/19	19090788	*
163	Short telomeres and prognosis of hypertension in a chinese population	Yang Z	Hypertension. 2009 Apr;53(4):639-45.	2009	2009/3/4	19255364	*
164	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	
165	Renal failure induces telomere shortening in the rat heart	Wong LS	Neth Heart J. 2009 May;17(5):190-4.	2009	2009/6/2	19484154	*
166	Accelerated telomere shortening in leukocyte subpopulations of patients with coronary heart disease: role of cytomegalovirus	Spyridopoulos I	Circulation. 2009 Oct 6;120(14):1364-72.	2009	2009/9/23	19770396	*
167	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	*
168	Telomere gap between granulocytes and lymphocytes is a determinant for hematopoietic progenitor cell impairment in patients with previous myocardial infarction	Spyridopoulos I	Arterioscler Thromb Vasc Biol. 2008 May;28(5):968-74.	2008	2008/2/16	18276909	*
169	Chronic treatment with N-acetyl-cystein delays cellular senescence in endothelial cells isolated from a subgroup of atherosclerotic patients	Voghel G	Mech Ageing Dev. 2008 May;129(5):261-70.	2008	2008/2/28	18302967	
170	Telomere length is shorter in healthy offspring of subjects with coronary artery disease: support for the telomere hypothesis	Brouillette SW	Heart. 2008 Apr;94(4):422-5.	2008	2008/3/19	18347373	*
171	The association of telomere length with paternal history of premature myocardial infarction in the European Atherosclerosis Research Study	Salpea KD	J Mol Med (Berl). 2008 Jul;86(7):815-24.	2008	2008/4/17	18414821	
172	Prognostic value of leukocyte telomere length in patients with stable coronary artery disease: data from the Heart and Soul Study	Farzaneh-Far R	Arterioscler Thromb Vasc Biol. 2008 Jul;28(7):1379-84.	2008	2008/5/10	18467646	*
173	Lymphocytes of type 2 diabetic women carry a high load of stable chromosomal aberrations: a novel risk factor for disease-related early death	Boehm BO	Diabetes. 2008 Nov;57(11):2950-7.	2008	2008/7/25	18650367	
174	L-arginine analogs--inactive markers or active agents in atherogenesis?	Surdacki A	Cardiovasc Hematol Agents Med Chem. 2008 Oct;6(4):302-11.	2008	2008/10/16	18855643	
175	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	
176	Telomere length, risk of coronary heart disease, and statin treatment in the West of Scotland Primary Prevention Study: a nested case-control study	Brouillette SW	Lancet. 2007 Jan 13;369(9556):107-14.	2007	2007/1/16	17223473	*

177	Telomere length of circulating leukocytes is decreased in patients with chronic heart failure	van der Harst P	J Am Coll Cardiol. 2007 Apr 3;49(13):1459-64.	2007	2007/4/3	17397675	*
178	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	
179	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	
180	Telomere shortening & metabolic/vascular diseases	Balasubramanyam M	Indian J Med Res. 2007 Mar;125(3):441-50.	2007	2007/5/15	17496367	*
181	Statins and telomere length: risk assessment and management for coronary heart disease	Tiwari A	Expert Opin Ther Targets. 2007 Jul;11(7):979-82.	2007	2007/7/7	17614765	*
182	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	*
183	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	*
184	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	*
185	Coronary artery disease and a functional polymorphism of hTERT	Matsubara Y	Biochem Biophys Res Commun. 2006 Sep 22;348(2):669-72.	2006	2006/8/8	16890917	*
186	Association between the UGT1A1*28 allele, bilirubin levels, and coronary heart disease in the Framingham Heart Study	Lin JP	Circulation. 2006 Oct 3;114(14):1476-81.	2006	2006/9/27	17000907	
187	Telomere shortening occurs in Asian Indian Type 2 diabetic patients	Adaikalakoteswari A	Diabet Med. 2005 Sep;22(9):1151-6.	2005	2005/8/20	16108841	
188	Short telomeres protect from diet-induced atherosclerosis in apolipoprotein E-null mice	Poch E	FASEB J. 2004 Feb;18(2):418-20.	2004	2003/12/23	14688198	
189	Telomere shortening in human coronary artery diseases	Ogami M	Arterioscler Thromb Vasc Biol. 2004 Mar;24(3):546-50.	2004	2004/1/17	14726417	*
190	[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	
191	Evidence for a gene influencing serum bilirubin on chromosome 2q: telomere: a genomewide scan in the Framingham study	Lin JP	Am J Hum Genet. 2003 Apr;72(4):1029-34.	2003	2003/3/6	12618960	
192	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	*
193	White cell telomere length and risk of premature myocardial infarction	Brouillette S	Arterioscler Thromb Vasc Biol. 2003 May 1;23(5):842-6.	2003	2003/3/22	12649083	*
194	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	

195	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	*
196	Telomere shortening in atherosclerosis	Samani NJ	Lancet. 2001 Aug 11;358(9280):472-3.	2001	2001/8/22	11513915	*

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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	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;glac004.	2022	2022/1/12	35018411	
2	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	
3	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	
4	Physiological Oxygen Tension Enhances Competence and Functional Properties of Murine Cardiac Mesenchymal Cells	Bolli RA	Stem Cell Rev Rep. 2021 Jun;17(3):900-910.	2021	2021/1/3	33389682	
5	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	
6	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	
7	[Telomere length as a biomarker of the risk of cardiovascular complications in patients with coronary heart disease]	Doroshchuk NA	Ter Arkh. 2021 Jan 10;93(1):20-24.	2021	2021/3/15	33720621	
8	An original biomarker for the risk of developing cardiovascular diseases and their complications: Telomere length	Doroschuk NA	Toxicol Rep. 2021 Mar 4;8:499-504.	2021	2021/3/18	33732625	
9	MLPA analysis of 32 fetuses with a congenital heart defect and 1 fetus with renal defects - pilot study. The significant frequency rate of suspected pathological CNV	Stefekova A	Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub. 2021 Mar 31.	2021	2021/4/7	33824538	
10	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes	Nachun D	Aging Cell. 2021 Jun;20(6):e13366.	2021	2021/5/29	34050697	
11	Factors Associated with Mutations: Their Matching Rates to Cardiovascular and Neurological Diseases	Lucas HB	Int J Mol Sci. 2021 May 11;22(10):5057.	2021	2021/6/2	34064609	
12	Conventional Risk Factors, Telomere Length, and Ischemic Heart disease: Insights into the Mediation Analysis	Piplani S	Genome Integr. 2021 May 31;12:1.	2021	2021/7/5	34221339	*
13	Identifying a Serum Exosomal-Associated lncRNA/circRNA-miRNA-mRNA Network in Coronary Heart Disease	Mao J	Cardiol Res Pract. 2021 Jun 23;2021:6682183.	2021	2021/7/14	34258055	
14	The association of leukocyte telomere length and intermediate coronary lesions - a retrospective study	Zhang A	Ann Palliat Med. 2021 Dec 8;apm-21-2295.	2021	2021/12/13	34894710	

15	RELATIVE TELOMERE LENGTH OF PERIPHERAL BLOOD LYMPHOCYTES AND STRUCTURAL AND FUNCTIONAL STATE OF THE LEFT VENTRICLE MYOCARDIUM IN CLEAN-UP WORKERS OF THE	Belyi DO	Probl Radiac Med Radiobiol. 2021 Dec;26:319-338.	2021	2021/12/29	34965558	
16	Shorter Leukocyte Telomere Lengths in Healthy Relatives of Patients with Coronary Heart Disease	Opstad TB	Rejuvenation Res. 2020 Aug;23(4):324-332.	2020	2019/12/7	31805818	
17	Deletion of Rap1 protects against myocardial ischemia/reperfusion injury through suppressing cell apoptosis via activation of STAT3 signaling	Cai Y	FASEB J. 2020 Mar;34(3):4482-4496.	2020	2020/2/6	32020680	
18	Environmental Pollution, Oxidative Stress and Thioresinac Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherosclerosis and Aging	McCully KS	Ann Clin Lab Sci. 2020 May;50(3):408-411.	2020	2020/6/26	32581036	
19	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	
20	Telomerase Activation to Reverse Immunosenesence in Elderly Patients With Acute Coronary Syndrome: Protocol for a Randomized Pilot Trial	Maier R	JMIR Res Protoc. 2020 Sep 23;9(9):e19456.	2020	2020/9/23	32965237	
21	Relative Telomere Length in Peripheral Blood Cells and Hypertension Risk among Mine Workers: A Case-Control Study in Chinese Coal Miners	Yu SN	Biomed Res Int. 2020 Dec 3;2020:5681096.	2020	2020/12/23	33354567	
22	Genetic analysis of the relation of telomere length-related gene (RTEL1) and coronary heart disease risk	Lu S	Mol Genet Genomic Med. 2019 Mar;7(3):e550.	2019	2019/1/10	30623606	
23	Telomere length and cardiovascular disease risk	Zhan Y	Curr Opin Cardiol. 2019 May;34(3):270-274.	2019	2019/2/13	30747731	*
24	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	
25	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	*
26	The effects of Tel2 on cardiomyocyte survival	Yorichika N	Life Sci. 2019 Sep 1;232:116665.	2019	2019/7/20	31323273	
27	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	
28	DNA methylation-based estimator of telomere length	Lu AT	Aging (Albany NY). 2019 Aug 18;11(16):5895-5923.	2019	2019/8/19	31422385	
29	Telomere length and aging-related outcomes in humans: A Mendelian randomization study in 261,000 older participants	Kuo CL	Aging Cell. 2019 Dec;18(6):e13017.	2019	2019/8/25	31444995	
30	Human Wharton's Jelly-Derived Mesenchymal Stem Cells Minimally Improve the Growth Kinetics and Cardiomyocyte Differentiation of Aged Murine Cardiac iPS Cells in Te Vitro without Rejuvenating Effect	Ng WH	Int J Mol Sci. 2019 Nov 6;20(22):5519.	2019	2019/11/9	31698679	
31	Telomeres as Therapeutic Targets in Heart Disease	Yeh JK	JACC Basic Transl Sci. 2019 Nov 25;4(7):855-865.	2019	2020/1/31	31998853	*
32	Telomerase RNA Component Genetic Variants Interact With the Mediterranean Diet Modifying the Inflammatory Status and its Relationship With Aging: CORDISREVE Study	Gomez-Delgado F	J Gerontol A Biol Sci Med Sci. 2018 Mar 2;73(3):327-332.	2018	2016/10/7	27707805	

33	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure	Sung YJ	Am J Hum Genet. 2018 Mar 1;102(3):375-400.	2018	2018/2/20	29455858	
34	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	
35	Beginning at the ends: telomeres and human disease	Savage SA	F1000Res. 2018 May 1;7:F1000 Faculty Rev-524.	2018	2018/5/18	29770205	
36	Association between phenotypic familial hypercholesterolaemia and telomere length in US adults: results from a multi-ethnic survey	Banach M	Eur Heart J. 2018 Oct 21;39(40):3635-3640.	2018	2018/8/31	30165413	
37	Leukocyte telomere length and risk of coronary heart disease and stroke mortality: prospective evidence from a Russian cohort	Stefler D	Sci Rep. 2018 Nov 9;8(1):16627.	2018	2018/11/11	30413768	
38	Correlation of the telomere length with type 2 diabetes mellitus in patients with ischemic heart disease	Piplani S	Indian Heart J. 2018 Dec;70 Suppl 3(Suppl 3):S173-S176.	2018	2019/1/1	30595252	*
39	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study	Telomeres Mendelian Randomization	JAMA Oncol. 2017 May 1;3(5):636-651.	2017	2017/2/28	28241208	
40	Accelerated cellular senescence as underlying mechanism for functionally impaired bone marrow-derived progenitor cells in ischemic heart disease	Nollet E	Atherosclerosis. 2017 May;260:138-146.	2017	2017/4/25	28434530	
41	Exploring the Causal Pathway From Telomere Length to Coronary Heart Disease: A Network Mendelian Randomization Study	Zhan Y	Circ Res. 2017 Jul 21;121(3):214-219.	2017	2017/5/19	28515044	
42	Cardiac telomere length in heart development, function, and disease	Booth SA	Physiol Genomics. 2017 Jul 1;49(7):368-384.	2017	2017/5/28	28550088	*
43	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	
44	Cardioprotective Effects of SIRT6 in a Mouse Model of Transverse Aortic Constriction-Induced Heart Failure	Li Y	Front Physiol. 2017 Jun 13;8:394.	2017	2017/6/30	28659816	
45	Network Mendelian Randomization Study Design to Assess Factors Mediating the Causal Link Between Telomere Length and Heart Disease	Morgan RG	Circ Res. 2017 Jul 21;121(3):200-202.	2017	2017/7/22	28729448	*
46	Leukocyte telomere length and cardiovascular disease in African Americans: The Jackson Heart Study	Mwasongwe S	Atherosclerosis. 2017 Nov;266:41-47.	2017	2017/9/27	28950166	*
47	Red blood cell distribution width: Genetic evidence for aging pathways in 116,666 volunteers	Pilling LC	PLoS One. 2017 Sep 28;12(9):e0185083.	2017	2017/9/29	28957414	
48	Association of TERT polymorphisms and risk of coronary heart disease in a Chinese Han population	Han H	Oncotarget. 2017 Jun 28;8(40):67519-67525.	2017	2017/10/6	28978050	
49	Cardiac Aging - Benefits of Exercise, Nrf2 Activation and Antioxidant Signaling	Narasimhan M	Adv Exp Med Biol. 2017;999:231-255.	2017	2017/10/13	29022266	
50	Leukocyte telomere shortening in grown-up patients with congenital heart disease	Vecoli C	Int J Cardiol. 2016 Feb 1;204:17-22.	2016	2015/12/15	26655528	*

51	Leucocyte Telomere Length and Risk of Cardiovascular Disease in a Cohort of 1,397 Danish Men and Women	Ellehoj H	Cardiology. 2016;133(3):173-7.	2016	2015/12/16	26666879	
52	Social support sources matter: Increased cellular aging among adults with unsupportive spouses	Barger SD	Biol Psychol. 2016 Mar;115:43-9.	2016	2016/1/19	26780266	
53	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	*
54	Short Telomere Length and Ischemic Heart Disease: Observational and Genetic Studies in 290 022 Individuals	Scheller Madrid A	Clin Chem. 2016 Aug;62(8):1140-9.	2016	2016/6/5	27259814	*
55	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	
56	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	
57	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	
58	Association between Genetic Variations Affecting Mean Telomere Length and the Prevalence of Hypertension and Coronary Heart Disease in Kenyan	Paik JK	Clin Nutr Res. 2016 Oct;5(4):249-260.	2016	2016/11/5	27812514	*
59	Correction: 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 Dec 19;11(12):e0168868.	2016	2016/12/20	27992608	*
60	Myocardial ischemia and reperfusion leads to transient CD8 immune deficiency and accelerated immunosenescence in CMV-seropositive patients	Hoffmann J	Circ Res. 2015 Jan 2;116(1):87-98.	2015	2014/11/12	25385851	
61	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	
62	Pediatric End-Stage Failing Hearts Demonstrate Increased Cardiac Stem Cells	Wehman B	Ann Thorac Surg. 2015 Aug;100(2):615-22.	2015	2015/7/4	26138767	
63	Sequence variation in telomerase reverse transcriptase (TERT) as a determinant of risk of cardiovascular disease: the Atherosclerosis Risk in Communities (ARIC) study	Bressler J	BMC Med Genet. 2015 Jul 23;16:52.	2015	2015/7/24	26201603	
64	Leukocyte Telomere Length and Risks of Incident Coronary Heart Disease and Mortality in a Racially Diverse Population of Postmenopausal Women	Carty CL	Arterioscler Thromb Vasc Biol. 2015 Oct;35(10):2225-31.	2015	2015/8/8	26249011	
65	Molecular mechanism of endothelial and vascular aging: implications for cardiovascular disease	Camici GG	Eur Heart J. 2015 Dec 21;36(48):3392-403.	2015	2015/11/7	26543043	
66	Major depressive disorder and accelerated cellular aging: results from a large psychiatric cohort study	Verhoeven JE	Mol Psychiatry. 2014 Aug;19(8):895-901.	2014	2013/11/13	24217256	
67	Chromatin and beyond: the multitasking roles for SIRT6	Kugel S	Trends Biochem Sci. 2014 Feb;39(2):72-81.	2014	2014/1/21	24438746	
68	Genome wide association and linkage analyses identified three loci-4q25, 17q23.2, and 10q11.21-associated with variation in leukocyte telomere length: the Long Life Family Study	Lee JH	Front Genet. 2014 Jan 17;4:310.	2014	2014/1/31	24478790	

69	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	
70	Prospective coronary heart disease screening in asymptomatic Hodgkin lymphoma patients using coronary computed tomography angiography: results and risk factor analysis	Girinsky T	Int J Radiat Oncol Biol Phys. 2014 May 1;89(1):59-66.	2014	2014/3/12	24613809	
71	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	
72	Genome-wide association study identifies variants in casein kinase II (CSNK2A2) to be associated with leukocyte telomere length in a Punjabi Sikh diabetic cohort	Saxena R	Circ Cardiovasc Genet. 2014 Jun;7(3):287-95.	2014	2014/5/6	24795349	
73	Association between previously identified loci affecting telomere length and coronary heart disease (CHD) in Han Chinese population	Ding H	Clin Interv Aging. 2014 May 27;9:857-61.	2014	2014/6/7	24904205	
74	Leucocyte telomere length and risk of cardiovascular disease: systematic review and meta-analysis	Haycock PC	BMJ. 2014 Jul 8;349:g4227.	2014	2014/7/10	25006006	
75	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	
76	Telomeres and early-life stress: an overview	Price LH	Biol Psychiatry. 2013 Jan 1;73(1):15-23.	2013	2012/7/27	22831981	
77	Cardiac primitive cells become committed to a cardiac fate in adult human heart with chronic ischemic disease but fail to acquire mature phenotypic, genetic and chemokine status	Nurzynska D	Basic Res Cardiol. 2013 Jan;108(1):320.	2013	2012/12/11	23224139	
78	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	
79	Low social support is associated with shorter leukocyte telomere length in late life: multi-ethnic study of atherosclerosis	Carroll JE	Psychosom Med. 2013 Feb;75(2):171-7.	2013	2013/2/2	23370895	
80	Relation between leukocyte telomere length and incident coronary heart disease events (from the 1995 Canadian Nova Scotia Health Survey)	Ye S	Am J Cardiol. 2013 Apr 1;111(7):962-7.	2013	2013/2/5	23375186	
81	Shorter height is related to lower cardiovascular disease risk - a narrative review	Samaras TT	Indian Heart J. 2013 Jan-Feb;65(1):66-71.	2013	2013/2/27	23438615	
82	Telomeres and cardiovascular disease risk: an update 2013	Nilsson PM	Transl Res. 2013 Dec;162(6):371-80.	2013	2013/6/11	23748031	
83	Leukocyte telomere length and coronary artery calcification in Palestinians	Kark JD	Atherosclerosis. 2013 Aug;229(2):363-8.	2013	2013/7/25	23880188	
84	Association of telomere shortening in myocardium with heart weight gain and cause of death	Terai M	Sci Rep. 2013;3:2401.	2013	2013/8/10	23929129	*
85	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	
86	Association of TERC and OBFC1 haplotypes with mean leukocyte telomere length and risk for coronary heart disease	Maubaret CG	PLoS One. 2013 Dec 12;8(12):e83122.	2013	2013/12/19	24349443	

87	Association of a sequence variant in DAB2IP with coronary heart disease	Harrison SC	Eur Heart J. 2012 Apr;33(7):881-8.	2012	2011/3/30	21444365	
88	Short telomere length, myocardial infarction, ischemic heart disease, and early death	Weischer M	Arterioscler Thromb Vasc Biol. 2012 Mar;32(3):822-9.	2012	2011/12/27	22199369	
89	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	*
90	Depressive symptoms are not associated with leukocyte telomere length: findings from the Nova Scotia Health Survey (NSHS95), a population-based study	Shaffer JA	PLoS One. 2012;7(10):e48318.	2012	2012/11/8	23133583	
91	Association of shorter mean telomere length with large artery stiffness in patients with coronary heart disease	Wang YY	Aging Male. 2011 Mar;14(1):27-32.	2011	2010/11/12	21067315	
92	Circulating leukocyte and carotid atherosclerotic plaque telomere length: interrelation, association with plaque characteristics, and telomerase after endarterectomy	Huzen J	Arterioscler Thromb Vasc Biol. 2011 May;31(5):1219-25.	2011	2011/3/5	21372300	
93	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	
94	Depression and leukocyte telomere length in patients with coronary heart disease: data from the Heart and Soul Study	Hoen PW	Psychosom Med. 2011 Sep;73(7):541-7.	2011	2011/5/21	21597035	*
95	Cancer interception	Blackburn EH	Cancer Prev Res (Phila). 2011 Jun;4(6):787-92.	2011	2011/6/4	21636545	
96	Telomere length of circulating leukocyte subpopulations and buccal cells in patients with ischemic heart failure and their offspring	Wong LS	PLoS One. 2011;6(8):e23118.	2011	2011/8/31	21876736	
97	Differential effects of heart rate reduction with ivabradine in two models of endothelial dysfunction and oxidative stress	Kröller-Schön S	Basic Res Cardiol. 2011 Nov;106(6):1147-58.	2011	2011/10/4	21964558	
98	Physical fitness and telomere length in patients with coronary heart disease: findings from the Heart and Soul Study	Krauss J	PLoS One. 2011;6(11):e26983.	2011	2011/11/19	22096513	
99	Telomere length and adiposity in a racially diverse sample	Diaz VA	Int J Obes (Lond). 2010 Feb;34(2):261-5.	2010	2009/9/24	19773737	
100	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	
101	Telomeres are shorter in myocardial infarction patients compared to healthy subjects: correlation with environmental risk factors	Maubaret CG	J Mol Med (Berl). 2010 Aug;88(8):785-94.	2010	2010/4/13	20383691	
102	Diagnosis and fine mapping of a deletion in distal 11q in two Chinese patients with developmental delay	Ji T	J Hum Genet. 2010 Aug;55(8):486-9.	2010	2010/6/4	20520618	
103	Telomere length dynamics in vascular disease: a review	Butt HZ	Eur J Vasc Endovasc Surg. 2010 Jul;40(1):17-26.	2010	2010/6/16	20547081	
104	Deficiency of telomerase activity aggravates the blood-brain barrier disruption and neuroinflammatory responses in a model of experimental stroke	Zhang B	J Neurosci Res. 2010 Oct;88(13):2859-68.	2010	2010/6/22	20564349	

105	Effect of healthy lifestyle behaviors on the association between leukocyte telomere length and coronary artery calcium	Diaz VA	Am J Cardiol. 2010 Sep 1;106(5):659-63.	2010	2010/8/21	20723641	
106	Jacobsen syndrome	Mattina T	Orphanet J Rare Dis. 2009 Mar 7;4:9.	2009	2009/3/10	19267933	
107	Accelerated telomere shortening in leukocyte subpopulations of patients with coronary heart disease: role of cytomegalovirus seropositivity	Spyridopoulos I	Circulation. 2009 Oct 6;120(14):1364-72.	2009	2009/9/23	19770396	
108	The aging cardiomyocyte: a mini-review	Bernhard D	Gerontology. 2008;54(1):24-31.	2008	2008/1/17	18196923	
109	The association of telomere length with paternal history of premature myocardial infarction in the European Atherosclerosis Research Study	Salpea KD	J Mol Med (Berl). 2008 Jul;86(7):815-24.	2008	2008/4/17	18414821	
110	A percentage analysis of the telomere length in Parkinson's disease patients	Guan JZ	J Gerontol A Biol Sci Med Sci. 2008 May;63(5):467-73.	2008	2008/5/31	18511749	
111	Lymphocytes of type 2 diabetic women carry a high load of stable chromosomal aberrations: a novel risk factor for disease-related early death	Boehm BO	Diabetes. 2008 Nov;57(11):2950-7.	2008	2008/7/25	18650367	
112	Organ representation areas of different internal organs localized on the eyebrows & eyelids by the Bi-Digital O-Ring Test electromagnetic resonance phenomenon between 2 identical molecules. Part I	Omura Y	Acupunct Electrother Res. 2008;33(3-4):193-224.	2008	2009/3/24	19301629	
113	Telomere length, risk of coronary heart disease, and statin treatment in the West of Scotland Primary Prevention Study: a nested case-control study	Brouillette SW	Lancet. 2007 Jan 13;369(9556):107-14.	2007	2007/1/16	17223473	
114	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	*
115	Telomere shortening & metabolic/vascular diseases	Balasubramanyam M	Indian J Med Res. 2007 Mar;125(3):441-50.	2007	2007/5/15	17496367	
116	Statins and telomere length: risk assessment and management for coronary heart disease	Tiwari A	Expert Opin Ther Targets. 2007 Jul;11(7):979-82.	2007	2007/7/7	17614765	
117	Molecular studies of segmental aneusomy: FISHing for the atypical cry in del(5)(p15.3)	Hodge JC	Cytogenet Genome Res. 2007;119(1-2):15-20.	2007	2007/12/28	18160776	
118	Association between the UGT1A1*28 allele, bilirubin levels, and coronary heart disease in the Framingham Heart Study	Lin JP	Circulation. 2006 Oct 3;114(14):1476-81.	2006	2006/9/27	17000907	
119	Telomere biology and cardiovascular disease	Fuster JJ	Circ Res. 2006 Nov 24;99(11):1167-80.	2006	2006/11/24	17122447	
120	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	
121	Telomerase therapeutics for degenerative diseases	Harley CB	Curr Mol Med. 2005 Mar;5(2):205-11.	2005	2005/6/25	15974874	
122	Mosaic paternal uniparental (iso)disomy for chromosome 20 associated with multiple anomalies	Venditti CP	Am J Med Genet A. 2004 Jan 30;124A(3):274-9.	2004	2004/1/7	14708100	

123	Human chromosome 21q22.2-qter carries a gene(s) responsible for downregulation of mlc2a and PEBP in Down syndrome model mice	Kazuki Y	Biochem Biophys Res Commun. 2004 Apr 30;317(2):491-9.	2004	2004/4/6	15063784	
124	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	
125	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	*
126	White cell telomere length and risk of premature myocardial infarction	Brouillette S	Arterioscler Thromb Vasc Biol. 2003 May 1;23(5):842-6.	2003	2003/3/22	12649083	
127	Telomere attrition and Chk2 activation in human heart failure	Oh H	Proc Natl Acad Sci U S A. 2003 Apr 29;100(9):5378-83.	2003	2003/4/19	12702777	
128	Down syndrome congenital heart disease: a narrowed region and a candidate gene	Barlow GM	Genet Med. 2001 Mar-Apr;3(2):91-101.	2001	2001/4/3	11280955	

Telomere & Myocardial Infarction

No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Physiological Oxygen Tension Enhances Competence and Functional Properties of Murine Cardiac Mesenchymal Cells	Bolli RA	Stem Cell Rev Rep. 2021 Jun;17(3):900-910.	2021	2021/1/3	33389682	
2	Biomarkers of ageing and cardiac remodeling are associated with atrial fibrillation	Kalstad AA	Scand Cardiovasc J. 2021 Aug;55(4):213-219.	2021	2021/3/2	33650449	
3	Telomere Length and Oxidative Stress in Patients with ST-Segment Elevation and Non-ST-Segment Elevation Myocardial Infarction	Inandiklioğlu N	Adv Exp Med Biol. 2021;1347:183-195.	2021	2021/5/7	33959889	*
4	Senescence mechanisms and targets in the heart	Chen MS	Cardiovasc Res. 2021 May 7;cvab161.	2021	2021/5/8	33963378	
5	Cardiac Mesenchymal Cells Cultured at Physiologic Oxygen Tension Have Superior Therapeutic Efficacy in Heart Failure Caused by Myocardial Infarction	Bolli RAR	Front Cell Dev Biol. 2021 May 26;9:662415.	2021	2021/6/14	34124043	
6	Conventional Risk Factors, Telomere Length, and Ischemic Heart disease: Insights into the Mediation Analysis	Piplani S	Genome Integr. 2021 May 31;12:1.	2021	2021/7/5	34221339	
7	Senescence-Associated Secretory Phenotype as a Hinge Between Cardiovascular Diseases and Cancer	Banerjee P	Front Cardiovasc Med. 2021 Oct 20;8:763930.	2021	2021/11/8	34746270	
8	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	*
9	RELATIVE TELOMERE LENGTH OF PERIPHERAL BLOOD LYMPHOCYTES AND STRUCTURAL AND FUNCTIONAL STATE OF THE LEFT VENTRICLE MYOCARDIUM IN CLEAN UP WORKERS OF THE	Belyi DO	Probl Radiac Med Radiobiol. 2021 Dec;26:319-338.	2021	2021/12/29	34965558	*
10	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	

11	The association of telomere length and telomerase activity with adverse outcomes in older patients with non-ST-elevation acute coronary syndrome	Chan D	PLoS One. 2020 Jan 10;15(1):e0227616.	2020	2020/1/11	31923255	*
12	The association between dietary quality indices and serum telomerase activity in patient candidates for CABG	Farhangi MA	Eat Weight Disord. 2020 Oct;25(5):1461-1468.	2020	2020/2/15	32056109	
13	The molecular biomarkers of vascular aging and atherosclerosis: telomere length and mitochondrial DNA(4977) common deletion	Vecoli C	Mutat Res Rev Mutat Res. 2020 Apr-Jun;784:108309.	2020	2020/5/21	32430098	
14	TPP1 Enhances the Therapeutic Effects of Transplanted Aged Mesenchymal Stem Cells in Infarcted Hearts via the MRE11/AKT Pathway	Yu K	Front Cell Dev Biol. 2020 Oct 29;8:588023.	2020	2020/11/16	33195247	
15	The Effects of Resveratrol on Telomeres and Post Myocardial Infarction Remodeling	Gutlapalli SD	Cureus. 2020 Nov 14;12(11):e11482.	2020	2020/12/17	33329978	
16	Relative Telomere Length in Peripheral Blood Cells and Hypertension Risk among Mine Workers: A Case-Control Study in Chinese Coal Miners	Yu SN	Biomed Res Int. 2020 Dec 3;2020:5681096.	2020	2020/12/23	33354567	
17	Telomere length in young patients with acute myocardial infarction without conventional risk factors: A pilot study from a South Asian population	Gupta MD	Indian Heart J. 2020 Nov-Dec;72(6):619-622.	2020	2020/12/28	33357657	*
18	Heme oxygenase-1 prevents heart against myocardial infarction by attenuating ischemic injury-induced cardiomyocytes senescence	Shan H	EBioMedicine. 2019 Jan;39:59-68.	2019	2018/12/12	30527623	*
19	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	*
20	Aged-senescent cells contribute to impaired heart regeneration	Lewis-McDougall FC	Aging Cell. 2019 Jun;18(3):e12931.	2019	2019/3/12	30854802	
21	Design and Validation of an Automated Process for the Expansion of Peripheral Blood-Derived CD34(+) Cells for Clinical Use After Myocardial Infarction	Saucourt C	Stem Cells Transl Med. 2019 Aug;8(8):822-832.	2019	2019/5/1	31037857	
22	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	
23	Exploring Epigenetic Age in Response to Intensive Relaxing Training: A Pilot Study to Slow Down Biological Age	Pavanello S	Int J Environ Res Public Health. 2019 Aug 23;16(17):3074.	2019	2019/8/28	31450859	
24	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	*
25	Telomeres as Therapeutic Targets in Heart Disease	Yeh JK	JACC Basic Transl Sci. 2019 Nov 25;4(7):855-865.	2019	2020/1/31	31998853	
26	Hutchinson-Gilford Progeria Syndrome: A Premature Aging Disease	Ahmed MS	Mol Neurobiol. 2018 May;55(5):4417-4427.	2018	2017/6/30	28660486	
27	Telomeres and telomerase in heart regeneration	Aix E	Differentiation. 2018 Mar-Apr;100:26-30.	2018	2018/2/18	29453108	
28	NADPH Oxidases and Mitochondria in Vascular Senescence	Salazar G	Int J Mol Sci. 2018 Apr 29;19(5):1327.	2018	2018/5/2	29710840	

29	Telomere length and mortality in the Ludwigshafen Risk and Cardiovascular Health study	Pusceddu I	PLoS One. 2018 Jun 19;13(6):e0198373.	2018	2018/6/20	29920523	
30	Telomere Shortening, Regenerative Capacity, and Cardiovascular Outcomes	Hammadah M	Circ Res. 2017 Mar 31;120(7):1130-1138.	2017	2016/12/14	27956416	
31	Telomere length and incident atrial fibrillation - data of the PREVENT cohort	Siland JE	PLoS One. 2017 Feb 3;12(2):e0171545.	2017	2017/2/4	28158257	
32	Charting the perfect storm: emerging biological interfaces between stress and stroke	Kronenberg G	Eur Arch Psychiatry Clin Neurosci. 2017 Sep;267(6):487-494.	2017	2017/4/11	28393267	
33	Association of Telomere Length With Myocardial Infarction: A Prospective Cohort From the Population Based HUNT 2 Study	Østhus IBØ	Prog Cardiovasc Dis. 2017 May-Jun;59(6):649-655.	2017	2017/4/27	28442329	*
34	Predictive value of telomere length on outcome following acute myocardial infarction: evidence for contrasting effects of vascular vs. blood oxidative stress	Margaritis M	Eur Heart J. 2017 Nov 1;38(41):3094-3104.	2017	2017/4/27	28444175	*
35	Association Between Leukocyte Telomere Length and the Risk of Incident Atrial Fibrillation: The Framingham Heart Study	Staerk L	J Am Heart Assoc. 2017 Nov 14;6(11):e006541.	2017	2017/11/16	29138179	
36	Telomere shortening and telomerase activity in ischaemic cardiomyopathy patients - Potential markers of ventricular arrhythmia	Sawhney V	Int J Cardiol. 2016 Mar 15;207:157-63.	2016	2016/1/25	26803233	*
37	Telomere Length and Risk of Myocardial Infarction in a MultiEthnic Population: The INTERHEART Study	D'Mello MJJ	J Am Coll Cardiol. 2016 Apr 19;67(15):1863-1865.	2016	2016/4/16	27081027	*
38	Friend or foe? Telomerase as a pharmacological target in cancer and cardiovascular disease	Ait-Aissa K	Pharmacol Res. 2016 Sep;111:422-433.	2016	2016/7/11	27394166	
39	Study to Improve Cardiovascular Outcomes in high-risk older patients (ICON1) with acute coronary syndrome: study design and protocol of a prospective observational study	Kunadian V	BMJ Open. 2016 Aug 23;6(8):e012091.	2016	2016/8/25	27554105	
40	Telomeres and Telomerase in Cardiovascular Diseases	Yeh JK	Genes (Basel). 2016 Sep 1;7(9):58.	2016	2016/9/7	27598203	
41	[Association of renal function, telomere length and markers of chronic inflammation for patients without chronic kidney and cardiovascular diseases]	Kireev KA	Adv Gerontol. 2016;29(1):97-101.	2016	2017/4/20	28423253	
42	Myocardial ischemia and reperfusion leads to transient CD8 immune deficiency and accelerated immunosenescence in CMV-seropositive patients	Hoffmann J	Circ Res. 2015 Jan 2;116(1):87-98.	2015	2014/11/12	25385851	*
43	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	*
44	Clinical-scale in vitro expansion preserves biological characteristics of cardiac atrial appendage stem cells	Windmolders S	Cell Prolif. 2015 Apr;48(2):175-86.	2015	2015/1/30	25630660	*
45	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	*
46	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	

47	Leukocyte telomere length and left ventricular function after acute ST-elevation myocardial infarction: data from the glycometabolic intervention as adjunct to primary coronary intervention in ST	Haver VG	Clin Res Cardiol. 2015 Oct;104(10):812-21.	2015	2015/4/5	25840550	
48	Leukocyte telomere length and coronary artery calcium	Hunt SC	Am J Cardiol. 2015 Jul 15;116(2):214-8.	2015	2015/5/12	25960381	*
49	DNA repair defects and genome instability in Hutchinson-Gilford Progeria Syndrome	Gonzalo S	Curr Opin Cell Biol. 2015 Jun;34:75-83.	2015	2015/6/17	26079711	
50	Association of relative telomere length with cardiovascular disease in a large chronic kidney disease cohort: the GCKD study	Raschenberger J	Atherosclerosis. 2015 Oct;242(2):529-34.	2015	2015/8/25	26302167	
51	Interstitial Lung Disease in Werner Syndrome: A Case Report of a 55-Year-Old Male Patient	Goletto T	Case Rep Pulmonol. 2015;2015:361694.	2015	2016/1/21	26788395	*
52	Oxidative damage impact on aging and age-related diseases: drug targeting of telomere attrition and dynamic telomerase activity flirting with incidence containing disantides	Babizhayev MA	Recent Pat Drug Deliv Formul. 2014;8(3):163-92.	2014	2014/6/5	24894799	
53	Novel neuroendocrine and metabolic mechanism provides the patented platform for important rejuvenation therapies: targeted therapy of telomere attrition and lifestyle changes of telomerase activity with the	Babizhayev MA	Recent Pat Endocr Metab Immune Drug Discov. 2014;8(3):153-79.	2014	2014/6/10	24910283	
54	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	
55	Leucocyte telomere length and risk of cardiovascular disease: systematic review and meta-analysis	Haycock PC	BMJ. 2014 Jul 8;349:g4227.	2014	2014/7/10	25006006	*
56	Stromal cell-derived factor 1 as a biomarker of heart failure and mortality risk	Subramanian S	Arterioscler Thromb Vasc Biol. 2014 Sep;34(9):2100-5.	2014	2014/7/26	25060794	*
57	MicroRNA-34a regulates cardiac ageing and function	Boon RA	Nature. 2013 Mar 7;495(7439):107-10.	2013	2013/2/22	23426265	*
58	Telomeres and cardiovascular disease risk: an update 2013	Nilsson PM	Transl Res. 2013 Dec;162(6):371-80.	2013	2013/6/11	23748031	
59	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	
60	Short telomere length, myocardial infarction, ischemic heart disease, and early death	Weischer M	Arterioscler Thromb Vasc Biol. 2012 Mar;32(3):822-9.	2012	2011/12/27	22199369	*
61	Increased mitotic rate coincident with transient telomere lengthening resulting from pim-1 overexpression in cardiac progenitor cells	Cottage CT	Stem Cells. 2012 Nov;30(11):2512-22.	2012	2012/8/24	22915504	*
62	Paternal age at birth is associated with offspring leukocyte telomere length in the nurses' health study	Prescott J	Hum Reprod. 2012 Dec;27(12):3622-31.	2012	2012/9/4	22940768	
63	Telomere length variation in juvenile acute myocardial infarction	Russo A	PLoS One. 2012;7(11):e49206.	2012	2012/11/13	23145125	*
64	Complement anaphylatoxins C3a and C5a induce a failing regenerative program in cardiac resident cells. Evidence of a role for cardiac resident stem cells other than cardiomyocyte renewal	Lara-Astiaso D	Springerplus. 2012 Dec;1(1):63.	2012	2013/3/15	23487597	

65	Genetic variants in eleven telomere-associated genes and the risk of incident cardio/cerebrovascular disease: The Women's Genome Health Study	Zee RY	Clin Chim Acta. 2011 Jan 14;412(1-2):199-202.	2011	2010/10/13	20937264	
66	Substantial variation in qPCR measured mean blood telomere lengths in young men from eleven European countries	Eisenberg DT	Am J Hum Biol. 2011 Mar-Apr;23(2):228-31.	2011	2011/2/15	21319253	*
67	Postmyocardial infarct remodeling and heart failure: potential contributions from pro- and antiaging factors	Idikio HA	Cardiol Res Pract. 2011 Apr 7;2011:836806.	2011	2011/5/12	21559227	
68	Circulating leukocyte telomere length and oxidative stress: a new target for statin therapy	Saliques S	Atherosclerosis. 2011 Dec;219(2):753-60.	2011	2011/10/4	21962402	*
69	Telomeres are shorter in myocardial infarction patients compared to healthy subjects: correlation with environmental risk factors	Maubaret CG	J Mol Med (Berl). 2010 Aug;88(8):785-94.	2010	2010/4/13	20383691	*
70	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	*
71	Telomere length and cardiovascular disease	Saliques S	Arch Cardiovasc Dis. 2010 Aug-Sep;103(8-9):454-9.	2010	2010/11/16	21074124	*
72	Association of shorter mean telomere length with risk of incident myocardial infarction: a prospective, nested case-control approach	Zee RY	Clin Chim Acta. 2009 May;403(1-2):139-41.	2009	2009/2/17	19217888	*
73	Leukocyte telomere shortening in elderly Type2DM patients with previous myocardial infarction	Olivieri F	Atherosclerosis. 2009 Oct;206(2):588-93.	2009	2009/5/26	19464008	*
74	Renal failure induces telomere shortening in the rat heart	Wong LS	Neth Heart J. 2009 May;17(5):190-4.	2009	2009/6/2	19484154	
75	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	
76	Telomere gap between granulocytes and lymphocytes is a determinant for hematopoietic progenitor cell impairment in patients with previous myocardial infarction	Spyridopoulos I	Arterioscler Thromb Vasc Biol. 2008 May;28(5):968-74.	2008	2008/2/16	18276909	*
77	The association of telomere length with paternal history of premature myocardial infarction in the European Atherosclerosis Research Study	Salpea KD	J Mol Med (Berl). 2008 Jul;86(7):815-24.	2008	2008/4/17	18414821	*
78	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	
79	Leukocyte telomere length and cardiovascular disease in the cardiovascular health study	Fitzpatrick AL	Am J Epidemiol. 2007 Jan 1;165(1):14-21.	2007	2006/10/18	17043079	
80	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	*
81	Telomere shortening & metabolic/vascular diseases	Balasubramanyam M	Indian J Med Res. 2007 Mar;125(3):441-50.	2007	2007/5/15	17496367	
82	Statins and telomere length: risk assessment and management for coronary heart disease	Tiwari A	Expert Opin Ther Targets. 2007 Jul;11(7):979-82.	2007	2007/7/7	17614765	*

83	Asbestos as a possible major cause of malignant lung tumors (including small cell carcinoma, adenocarcinoma & mesothelioma), brain tumors (i.e., astrocytoma & glioblastoma multiforme), many other	Omura Y	Acupunct Electrother Res. 2006;31(1-2):61-125.	2006	2006/10/27	17063831	
84	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	*
85	White cell telomere length and risk of premature myocardial infarction	Brouillette S	Arterioscler Thromb Vasc Biol. 2003 May 1;23(5):842-6.	2003	2003/3/22	12649083	*

Telomere & Stroke

No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	A systemic review into carotid plaque features as predictors of restenosis after carotid endarterectomy	Zhou F	J Vasc Surg. 2021 Jun;73(6):2179-2188.e4.	2021	2020/11/30	33253876	
2	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	
3	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	
4	The association between telomere length and ischemic stroke risk and phenotype	Yetim E	Sci Rep. 2021 May 26;11(1):10967.	2021	2021/5/27	34040069	*
5	The Functional Role of Sphingosine Kinase 2	Diaz Escarcega R	Front Mol Biosci. 2021 May 14;8:683767.	2021	2021/5/31	34055895	
6	Telomerase therapy reverses vascular senescence and extends lifespan in progeria mice	Mojiri A	Eur Heart J. 2021 Nov 7;42(42):4352-4369.	2021	2021/8/14	34389865	
7	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	*
8	The association of telomere length and telomerase activity with adverse outcomes in older patients with non-ST-elevation acute coronary syndrome	Chan D	PLoS One. 2020 Jan 10;15(1):e0227616.	2020	2020/1/11	31923255	
9	Leukocyte Telomere Length Is Related to Brain Parenchymal Fraction and Attention/Speed in the Elderly: Results of the Austrian Stroke Prevention Study	Gampawar P	Front Psychiatry. 2020 Feb 28;11:100.	2020	2020/3/18	32180739	
10	A Review of Exercise as Medicine in Cardiovascular Disease: Pathology and Mechanism	Gronek P	Aging Dis. 2020 Mar 9;11(2):327-340.	2020	2020/4/8	32257545	
11	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	*
12	The molecular biomarkers of vascular aging and atherosclerosis: telomere length and mitochondrial DNA(4977) common deletion	Vecoli C	Mutat Res Rev Mutat Res. 2020 Apr-Jun;784:108309.	2020	2020/5/21	32430098	
13	COVID-19 and Crosstalk With the Hallmarks of Aging	Salimi S	J Gerontol A Biol Sci Med Sci. 2020 Sep 16;75(9):e34-e41.	2020	2020/6/17	32544216	

14	Association between telomere length in peripheral blood leukocytes and risk of ischemic stroke in a Han Chinese population: a linear and non-linear Mendelian randomization analysis	Cao W	J Transl Med. 2020 Oct 12;18(1):385.	2020	2020/10/13	33046137	*
15	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	
16	The telomere length of peripheral blood cells is associated with the risk of ischemic stroke in Han population of northern China	Xiao J	Medicine (Baltimore). 2019 Feb;98(7):e14593.	2019	2019/2/15	30762812	*
17	No Causal Effect of Telomere Length on Ischemic Stroke and Its Subtypes: A Mendelian Randomization Study	Cao W	Cells. 2019 Feb 14;8(2):159.	2019	2019/2/17	30769869	*
18	The Ethanolic Extract of Caesalpinia sappan Heartwood Inhibits Cerebral Ischemia/Reperfusion Injury in a Rat Model Through a Multi-Targeted Pharmacological Mechanism	Wan YJ	Front Pharmacol. 2019 Feb 5;10:29.	2019	2019/2/27	30804781	
19	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	
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