

"Telomere & Mental System" Articles Searching from NCBI Data Base

Mental System Include: Depression, Bipolar Disorder, Mood Disorders, Autistic Disorder

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Telomere & Depression

No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Relationship between five Epigenetic Clocks, Telomere Length and Functional Capacity assessed in Older Adults: Cross-sectional and Longitudinal Analyses	Vetter VM	J Gerontol A Biol Sci Med Sci. 2022 Jan 15;glab381.	2022	2022/1/15	35032170	
2	Prenatal exposure to maternal psychological distress and telomere length in childhood	Stout-Oswald SA	Dev Psychobiol. 2022 Jan;64(1):e22238.	2022	2022/1/20	35050506	
3	KEOPS complex expression in the frontal cortex in major depression and schizophrenia	Abel ME	World J Biol Psychiatry. 2021 Jul;22(6):446-455.	2021	2020/9/11	32914678	
4	Telomere length and its relationships with lifestyle and behavioural factors: variations by sex and race/ethnicity	Vyas CM	Age Ageing. 2021 May 5;50(3):838-846.	2021	2020/10/1	33001148	
5	Midlife Leukocyte Telomere Length as an Indicator for Handgrip Strength in Late Life	Chang X	J Gerontol A Biol Sci Med Sci. 2021 Jan 1;76(1):172-175.	2021	2020/10/12	33045076	
6	Birth weight associations with DNA methylation differences in an adult population	Madden RA	Epigenetics. 2021 Jun-Jul;16(7):783-796.	2021	2020/10/20	33079621	
7	Maternal psychosocial functioning, obstetric health history, and newborn telomere length	Bosquet Enlow M	Psychoneuroendocrinology. 2021 Jan;123:105043.	2021	2020/11/11	33176222	
8	Frailty and aging-associated syndromes in lung transplant candidates and recipients	Schaenman JM	Am J Transplant. 2021 Jun;21(6):2018-2024.	2021	2020/12/9	33296550	
9	TERT rs2736100 and TERC rs16847897 genotypes moderate the association between internalizing mental disorders and accelerated telomere length attrition across LITs: children and adolescents in	Kalungi A	BMC Med Genomics. 2021 Jan 6;14(1):15.	2021	2021/1/7	33407441	
10	An integrative study of five biological clocks in somatic and mental health	Jansen R	Elife. 2021 Feb 9;10:e59479.	2021	2021/2/9	33558008	
11	Childhood Trauma in Adult Depressive and Anxiety Disorders: An Integrated Review on Psychological and Biological Mechanisms in the NESDA Cohort	Kuzminskaite E	J Affect Disord. 2021 Mar 15;283:179-191.	2021	2021/2/9	33561798	
12	The Counterintuitive Relationship between Telomerase Activity and Childhood Emotional Abuse: Culture and Complexity	Emery CR	Int J Environ Res Public Health. 2021 Feb 8;18(4):1619.	2021	2021/2/11	33567728	

13	A systematic review of the association between biological markers and environmental stress risk factors for adolescent depression	Zajkowska Z	J Psychiatr Res. 2021 Jun;138:163-175.	2021	2021/4/15	33857787	
14	Frailty as a Predictor of Mortality in Late-Life Depression: A Prospective Clinical Cohort Study	Arts MHL	J Clin Psychiatry. 2021 Mar 30;82(3):20m13277.	2021	2021/5/17	34000109	
15	Discrimination and Leukocyte Telomere Length by Depressive Symptomatology: The Jackson Heart Study	Glover LM	Healthcare (Basel). 2021 May 28;9(6):639.	2021	2021/6/2	34071160	*
16	Telomere shortening in late-life depression: A potential marker of depression severity	Mendes-Silva AP	Brain Behav. 2021 Aug;11(8):e2255.	2021	2021/6/21	34152095	*
17	Study Protocol: Longitudinal Attention and Temperament Study	Pérez-Edgar K	Front Psychiatry. 2021 Jun 8;12:656958.	2021	2021/6/25	34168577	
18	Telomere Shortening and Psychiatric Disorders: A Systematic Review	Pousa PA	Cells. 2021 Jun 7;10(6):1423.	2021	2021/7/2	34200513	
19	PBMC telomerase activity in depression and the response to electroconvulsive therapy	Ryan KM	Eur Arch Psychiatry Clin Neurosci. 2021 Oct;271(7):1297-1307.	2021	2021/7/16	34268617	*
20	Symptoms of Prenatal Depression Associated with Shorter Telomeres in Female Placenta	Garcia-Martin I	Int J Mol Sci. 2021 Jul 12;22(14):7458.	2021	2021/7/24	34299077	*
21	Changes in telomere length and serum neurofilament light chain levels in female patients with chronic insomnia disorder	Ren CY	J Clin Sleep Med. 2021 Jul 28.	2021	2021/7/28	34319229	
22	The Longitudinal Associations Between Paternal Incarceration and Family Well-Being: Implications for Ethnic/Racial Disparities in Health	Del Toro J	J Am Acad Child Adolesc Psychiatry. 2021 Aug 10:S0890-8567(21)01300-9.	2021	2021/8/14	34389441	
23	The Relationship Between Four Measures of Religiosity and Cross-National Variations in the Burden of Dementia	Rajkumar RP	Cureus. 2021 Aug 9;13(8):e17034.	2021	2021/8/16	34395146	
24	Linking the Triad of Telomere Length, Inflammation, and Gut Dysbiosis in the Manifestation of Depression	Bazaz MR	ACS Chem Neurosci. 2021 Oct 6;12(19):3516-3526.	2021	2021/9/22	34547897	*
25	Psychobiology of Stress and Adolescent Depression (PSY SAD) Study: Protocol overview for an fMRI-based multi-method investigation	Sichko S	Brain Behav Immun Health. 2021 Nov;17:100334.	2021	2021/10/1	34595481	
26	Shorter telomeres among individuals with physical disability: The moderating role of perceived stress	Lahav Y	J Gerontol B Psychol Sci Soc Sci. 2021 Oct 23;gbab200.	2021	2021/10/23	34687310	
27	Molecular Consequences of Depression Treatment: A Potential In Vitro Mechanism for Antidepressants-Induced Reprotoxic Side Effects	Solek P	Int J Mol Sci. 2021 Nov 1;22(21):11855.	2021	2021/11/13	34769286	
28	Multidimensional predictors of antidepressant responses: Integrating mitochondrial, genetic, metabolic and environmental factors with clinical outcomes	Nasca C	Neurobiol Stress. 2021 Oct 9;15:100407.	2021	2021/11/24	34815985	
29	Investigating the Role of Leukocyte Telomere Length in Treatment-Resistant Depression and in Response to Electroconvulsive Therapy	Pisanu C	J Pers Med. 2021 Oct 27;11(11):1100.	2021	2021/11/27	34834452	
30	Metabolic syndrome components and leukocyte telomere length in patients with major depressive disorder	Huang YC	World J Biol Psychiatry. 2021 Dec 16:1-10.	2021	2021/12/2	34854357	*

31	Prenatal developmental origins of behavior and mental health: The influence of maternal stress in pregnancy	Van den Bergh BRH	Neurosci Biobehav Rev. 2020 Oct;117:26-64.	2020	2017/8/1	28757456	
32	Telomere Length and Depression Among Ex-Prisoners of War: The Role of Subjective Age	Lahav Y	J Gerontol B Psychol Sci Soc Sci. 2020 Jan 1;75(1):21-29.	2020	2018/2/8	29415270	*
33	Religiosity and Health: A Holistic Biopsychosocial Perspective	Page RL	J Holist Nurs. 2020 Mar;38(1):89-101.	2020	2018/6/30	29957093	
34	Relational Victimization and Telomere Length in Adolescent Girls	Manczak EM	J Res Adolesc. 2020 Jan;30 Suppl 1:39-45.	2020	2018/8/23	30133038	
35	Telomere length in depression and association with therapeutic response to electroconvulsive therapy and cognitive side-effects	Ryan KM	Psychol Med. 2020 Sep;50(12):2096-2106.	2020	2019/9/4	31477194	*
36	Adverse Childhood Experiences: Implications for Offspring Telomere Length and Psychopathology	Esteves KC	Am J Psychiatry. 2020 Jan 1;177(1):47-57.	2020	2019/9/12	31509004	
37	Religiosity, depression and telomere length in Chinese older adults	Wang L	J Affect Disord. 2020 Jan 1;260:624-628.	2020	2019/9/22	31541974	
38	Depressive Symptoms Predict Change in Telomere Length and Mitochondrial DNA Copy Number Across Adolescence	Humphreys KL	J Am Acad Child Adolesc Psychiatry. 2020 Dec;59(12):1364-1370.e2.	2020	2019/10/20	31628984	
39	The Psilocybin-Telomere Hypothesis: An empirically falsifiable prediction concerning the beneficial neuropsychopharmacological effects of psilocybin on genetic aging	Germann CB	Med Hypotheses. 2020 Jan;134:109406.	2020	2019/10/22	31634774	
40	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	*
41	The Relation of Optimism to Relative Telomere Length in Older Men and Women	Kim ES	Psychosom Med. 2020 Feb/Mar;82(2):165-171.	2020	2019/11/6	31688458	
42	Relationship of Anxiety, Inflammation, and Telomere Length in Postpartum Women: A Pilot Study	Groer M	Biol Res Nurs. 2020 Apr;22(2):256-262.	2020	2019/12/21	31858822	
43	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	
44	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	
45	Altered circulatory levels of miR-128, BDNF, cortisol and shortened telomeres in patients with type 2 diabetes and depression	Prabu P	Acta Diabetol. 2020 Jul;57(7):799-807.	2020	2020/2/7	32025863	
46	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	
47	Epigenetic signatures of attachment insecurity and childhood adversity provide evidence for role transition in the pathogenesis of perinatal depression	Robakis TK	Transl Psychiatry. 2020 Feb 3;10(1):48.	2020	2020/2/19	32066670	
48	Prenatal stress: Effects on fetal and child brain development	Lautarescu A	Int Rev Neurobiol. 2020;150:17-40.	2020	2020/3/25	32204831	

49	Early-life exposure to famine and late-life depression: Does leukocyte telomere length mediate the association?	He S	J Affect Disord. 2020 Sep 1;274:223-228.	2020	2020/5/30	32469808	
50	Inverse changes in telomere length between the blood and brain in depressive-like mice	Liu Z	J Affect Disord. 2020 Aug 1;273:453-461.	2020	2020/6/21	32560940	*
51	Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging	McCully KS	Ann Clin Lab Sci. 2020 May;50(3):408-411.	2020	2020/6/26	32581036	
52	Cognitive function has a stronger correlation with perceived age than with chronological age	Umeda-Kameyama Y	Geriatr Gerontol Int. 2020 Aug;20(8):779-784.	2020	2020/7/4	32618098	
53	Maternal stress or sleep during pregnancy are not reflected on telomere length of newborns	Ämmälä AJ	Sci Rep. 2020 Aug 19;10(1):13986.	2020	2020/8/21	32814800	
54	Caribbean Consortium for Research in Environmental and Occupational Health (CCREOH) Cohort Study: influences of complex environmental exposures on maternal and child health in Curacao	Zijlmans W	BMJ Open. 2020 Sep 13;10(9):e034702.	2020	2020/9/15	32928846	
55	Religiosity, Well-Being and 'Slowing Down' Ageing Damage: A Literature Review	Anyfantakis D	Cureus. 2020 Aug 21;12(8):e9910.	2020	2020/9/24	32968573	
56	Analysis of lens epithelium telomere length in age-related cataract	Wang Y	Exp Eye Res. 2020 Dec;201:108279.	2020	2020/9/29	32991882	
57	Telomere lengths in women treated for breast cancer show associations with chemotherapy, pain symptoms, and cognitive domain measures: a longitudinal study	Alhareeri AA	Breast Cancer Res. 2020 Dec 4;22(1):137.	2020	2020/12/5	33276807	
58	Trauma-focused psychodynamic therapy and STAIR Narrative Therapy of post-traumatic stress disorder related to childhood maltreatment: a pilot protocol of a multicentre randomised controlled trial assessing	Leichenring F	BMJ Open. 2020 Dec 17;10(12):e040123.	2020	2020/12/18	33334832	
59	Depression and telomere length in colorectal cancer patients in Saudi Arabia	AlAhlwal MS	Asian J Psychiatr. 2019 Feb;40:130-131.	2019	2018/5/13	29752006	
60	Stress, female reproduction and pregnancy	Valsamakis G	Psychoneuroendocrinology. 2019 Feb;100:48-57.	2019	2018/10/7	30291988	
61	Telomere length and childhood trauma in Colombians with depressive symptoms	Jiménez KM	Braz J Psychiatry. 2019 May-Jun;41(3):194-198.	2019	2018/10/18	30328966	*
62	Depression caused by long-term stress regulates premature aging and is possibly associated with disruption of circadian rhythms in mice	Xie X	Physiol Behav. 2019 Feb 1;199:100-110.	2019	2018/11/16	30439372	
63	Unraveling the association between depression and telomere length using genomics	Verhoeven JE	Psychoneuroendocrinology. 2019 Apr;102:121-127.	2019	2018/12/14	30544003	*
64	Oxytocin administration prevents cellular aging caused by social isolation	Stevenson JR	Psychoneuroendocrinology. 2019 May;103:52-60.	2019	2019/1/15	30640038	
65	Mood Disorders, Accelerated Aging, and Inflammation: Is the Link Hidden in Telomeres?	Squassina A	Cells. 2019 Jan 15;8(1):52.	2019	2019/1/18	30650526	
66	Pilot study of DNA methylation, molecular aging markers and measures of health and well-being in aging	Vyas CM	Transl Psychiatry. 2019 Mar 18;9(1):118.	2019	2019/3/20	30886137	

67	More miles on the clock: Neighbourhood stressors are associated with telomere length in a longitudinal study	Ellaway A	PLoS One. 2019 Mar 28;14(3):e0214380.	2019	2019/3/29	30921393	
68	The relation of telomere length at midlife to subsequent 20-year depression trajectories among women	Gillis JC	Depress Anxiety. 2019 Jun;36(6):565-575.	2019	2019/4/9	30958913	*
69	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	
70	Psychological Wellbeing and Healthy Aging: Focus on Telomeres	Boccardi M	Geriatrics (Basel). 2019 Feb 23;4(1):25.	2019	2019/4/27	31023993	
71	Effects of Inflammation and Depression on Telomere Length in Young Adults in the United States	Shin D	J Clin Med. 2019 May 19;8(5):711.	2019	2019/5/22	31109116	*
72	Telomeres in neurological disorders	Anitha A	Adv Clin Chem. 2019;90:81-132.	2019	2019/5/25	31122612	*
73	Delayed sleep-onset and biological age: late sleep-onset is associated with shorter telomere length	Wynchank D	Sleep. 2019 Oct 9;42(10):zsz139.	2019	2019/7/5	31270544	
74	Neuronal life or death linked to depression treatment: the interplay between drugs and their stress-related outcomes relate to single or combined drug therapies	Solek P	Apoptosis. 2019 Oct;24(9-10):773-784.	2019	2019/7/7	31278507	
75	Exposure to jet lag aggravates depression-like behaviors and age-related phenotypes in rats subject to chronic corticosterone	Shen Q	Acta Biochim Biophys Sin (Shanghai). 2019 Aug 5;51(8):834-844.	2019	2019/7/18	31314053	
76	Mechanisms and treatment of late-life depression	Alexopoulos GS	Transl Psychiatry. 2019 Aug 5;9(1):188.	2019	2019/8/7	31383842	
77	Antidepressant and Antiaging Effects of Açaí (Euterpe oleracea Mart.) in Mice	Souza-Monteiro JR	Oxid Med Cell Longev. 2019 Jul 24;2019:3614960.	2019	2019/8/21	31428223	
78	Functions and mechanisms of lysine crotonylation	Wan J	J Cell Mol Med. 2019 Nov;23(11):7163-7169.	2019	2019/9/3	31475443	
79	CNS manifestations in patients with telomere biology disorders	Bhala S	Neurol Genet. 2019 Oct 29;5(6):370.	2019	2019/12/25	31872047	
80	The impact of depression and anxiety treatment on biological aging and metabolic stress: study protocol of the MOod treatment with antidepressants or running (MOTAR) study	Lever-van Milligen BA	BMC Psychiatry. 2019 Dec 30;19(1):425.	2019	2020/1/1	31888565	
81	Depression, telomeres and mitochondrial DNA: between- and within-person associations from a 10-year longitudinal study	Verhoeven JE	Mol Psychiatry. 2018 Apr;23(4):850-857.	2018	2017/3/29	28348385	*
82	Associations between reduced telomere length, depressed mood, anhedonia, and irritability in prostate cancer patients: Further evidence for the presence of "male depression"?	Sharpley CF	Psychooncology. 2018 Mar;27(3):1072-1074.	2018	2017/9/1	28857340	
83	Leukocyte telomere length and personality: associations with the Big Five and Type D personality traits	Schoormans D	Psychol Med. 2018 Apr;48(6):1008-1019.	2018	2017/9/12	28889809	
84	Childhood adversity, social support, and telomere length among perinatal women	Mitchell AM	Psychoneuroendocrinology. 2018 Jan;87:43-52.	2018	2017/10/17	29035711	

85	Leukocyte telomere length variation in different stages of schizophrenia	Maurya PK	J Psychiatr Res. 2018 Jan;96:218-223.	2018	2017/11/6	29102816	
86	Infant HPA axis as a potential mechanism linking maternal mental health and infant telomere length	Nelson BW	Psychoneuroendocrinology. 2018 Feb;88:38-46.	2018	2017/11/22	29161636	
87	Religiosity and Telomere Length in Colorectal Cancer Patients in Saudi Arabia	Al Ahwal MS	J Relig Health. 2018 Apr;57(2):672-682.	2018	2018/1/5	29299784	
88	Chronic corticosterone-induced depression mediates premature aging in rats	Xie X	J Affect Disord. 2018 Mar 15;229:254-261.	2018	2018/1/13	29329057	
89	Relation of long-term patterns in caregiving activity and depressive symptoms to telomere length in older women	Chang SC	Psychoneuroendocrinology. 2018 Mar;89:161-167.	2018	2018/2/8	29414028	*
90	Common mental disorders and association with telomere length	Vakonaki E	Biomed Rep. 2018 Feb;8(2):111-116.	2018	2018/2/14	29435268	*
91	Prospective association of depression and phobic anxiety with changes in telomere lengths over 11 years	Chang SC	Depress Anxiety. 2018 May;35(5):431-439.	2018	2018/2/28	29486096	*
92	Stress, Telomeres, and Psychopathology: Toward a Deeper Understanding of a Triad of Early Aging	Epel ES	Annu Rev Clin Psychol. 2018 May 7;14:371-397.	2018	2018/3/2	29494257	*
93	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	*
94	Yoga- and meditation-based lifestyle intervention increases neuroplasticity and reduces severity of major depressive disorder: A randomized controlled trial	Tolahunase MR	Restor Neurol Neurosci. 2018;36(3):423-442.	2018	2018/4/5	29614706	
95	DNA methylation and inflammation marker profiles associated with a history of depression	Crawford B	Hum Mol Genet. 2018 Aug 15;27(16):2840-2850.	2018	2018/5/24	29790996	
96	Traumatic stress and cellular senescence: The role of war-captivity and homecoming stressors in later life telomere length	Stein JY	J Affect Disord. 2018 Oct 1;238:129-135.	2018	2018/6/8	29879607	
97	Polygenic risk score of shorter telomere length and risk of depression and anxiety in women	Chang SC	J Psychiatr Res. 2018 Aug;103:182-188.	2018	2018/6/9	29883926	*
98	Targeting the association between telomere length and immuno-cellular bioenergetics in female patients with Major Depressive Disorder	Boeck C	Sci Rep. 2018 Jun 20;8(1):9419.	2018	2018/6/22	29925891	*
99	Leucocyte telomere length is no molecular marker of physical frailty in late-life depression	Arts MHL	Exp Gerontol. 2018 Oct 1;111:229-234.	2018	2018/8/3	30071286	*
100	The Molecular Intersection Between Senescence and Major Depression in the Elderly	Diniz BS	Am J Geriatr Psychiatry. 2018 Nov;26(11):1097-1105.	2018	2018/8/29	30150070	
101	Effect of chronic corticosterone-induced depression on circadian rhythms and age-related phenotypes in mice	Ma L	Acta Biochim Biophys Sin (Shanghai). 2018 Dec 1;50(12):1236-1246.	2018	2018/11/6	30395149	
102	Art therapy is associated with sustained improvement in cognitive function in the elderly with mild neurocognitive disorder: findings from a pilot randomized controlled trial for art therapy and music	Mahendran R	Trials. 2018 Nov 9;19(1):615.	2018	2018/11/11	30413216	

103	Genetic Risk for Psychiatric Disorders and Telomere Length	Palmos AB	Front Genet. 2018 Oct 16;9:468.	2018	2018/11/22	30459805	*
104	Oxidative Stress and Accelerated Aging in Neurodegenerative and Neuropsychiatric Disorder	Wadhwa R	Curr Pharm Des. 2018;24(40):4711-4725.	2018	2019/1/16	30644343	
105	Acculturation Predicts Negative Affect and Shortened Telomere Length	Ruiz RJ	Biol Res Nurs. 2017 Jan;19(1):28-35.	2017	2016/10/14	27733476	
106	Telomere length and depression: prospective cohort study and Mendelian randomisation study in 67 306 individuals	Wium-Andersen MK	Br J Psychiatry. 2017 Jan;210(1):31-38.	2017	2016/11/5	27810892	*
107	Depressive Symptoms and Salivary Telomere Length in a Probability Sample of Middle-Aged and Older Adults	Whisman MA	Psychosom Med. 2017 Feb/Mar;79(2):234-242.	2017	2016/12/29	28029664	*
108	Assessing the contributions of childhood maltreatment subtypes and depression case-control status on telomere length reveals a specific role of physical neglect	Vincent J	J Affect Disord. 2017 Apr 15;213:16-22.	2017	2017/2/11	28187293	*
109	Telomere Length and Neighborhood Circumstances: Evaluating Biological Response to Unfavorable Exposures	Lynch SM	Cancer Epidemiol Biomarkers Prev. 2017 Apr;26(4):553-560.	2017	2017/4/5	28373169	
110	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	
111	Stress-related telomere length in children: A systematic review	Coimbra BM	J Psychiatr Res. 2017 Sep;92:47-54.	2017	2017/4/14	28407508	
112	Leukocyte telomere length and depression, anxiety and stress and adjustment disorders in primary health care patients	Wang X	BMC Psychiatry. 2017 Apr 24;17(1):148.	2017	2017/4/26	28438147	*
113	Major depressive disorder mediates accelerated aging in rats subjected to chronic mild stress	Xie X	Behav Brain Res. 2017 Jun 30;329:96-103.	2017	2017/4/27	28442351	
114	The implications of war captivity and long-term psychopathology trajectories for telomere length	Solomon Z	Psychoneuroendocrinology. 2017 Jul;81:122-128.	2017	2017/4/28	28448821	*
115	Longer Telomere Length of T lymphocytes in Patients with Early and Chronic Psychosis	Cui Y	Clin Psychopharmacol Neurosci. 2017 May 31;15(2):146-152.	2017	2017/4/29	28449562	
116	Processes Linking Religious Involvement and Telomere Length	Hill TD	Biodemography Soc Biol. 2017;63(2):167-188.	2017	2017/5/20	28521619	
117	Leukocyte Telomere Length in Postmenopausal Women	Jones HJ	J Obstet Gynecol Neonatal Nurs. 2017 Jul-Aug;46(4):567-575.	2017	2017/5/24	28535365	
118	[Telomere-telomerase system in aging, norm and pathology (literature review)]	Pavlov KI	Adv Gerontol. 2017;30(1):17-26.	2017	2017/5/31	28557385	
119	Protocol for the MATCH study (Mindfulness and Tai Chi for cancer health): A preference-based multi-site randomized comparative effectiveness trial (CET) of Mindfulness-Based Cancer Recovery	Carlson LE	Contemp Clin Trials. 2017 Aug;59:64-76.	2017	2017/6/4	28576734	
120	Telomere length in alcohol dependence: A role for impulsive choice and childhood maltreatment	Kang JI	Psychoneuroendocrinology. 2017 Sep;83:72-78.	2017	2017/6/10	28599145	

121	[Associations between depression, anxiety and telomere length in a large Dutch psychiatric cohort study]	Verhoeven JE	Tijdschr Psychiatr. 2017;59(6):350-359.	2017	2017/6/15	28613367	*
122	Art therapy and music reminiscence activity in the prevention of cognitive decline: study protocol for a randomized controlled trial	Mahendran R	Trials. 2017 Jul 12;18(1):324.	2017	2017/7/14	28701205	
123	Inflammation and premature aging in advanced chronic kidney disease	Kooman JP	Am J Physiol Renal Physiol. 2017 Oct 1;313(4):F938-F950.	2017	2017/7/14	28701312	
124	Stress, depressive status and telomere length: Does social interaction and coping strategy play a mediating role?	Liu JJ	J Affect Disord. 2017 Nov;222:138-145.	2017	2017/7/14	28704801	
125	Telomere length is inversely correlated with urinary stress hormone levels in healthy controls but not in un-medicated depressed individuals: preliminary findings	Fair B	J Psychosom Res. 2017 Aug;99:177-180.	2017	2017/7/18	28712425	*
126	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	
127	Relationship between interpersonal sensitivity and leukocyte telomere length	Suzuki A	BMC Med Genet. 2017 Oct 10;18(1):112.	2017	2017/10/12	29017469	
128	Alterations of Mitochondrial DNA Copy Number and Telomere Length With Early Adversity and Psychopathology	Tyrka AR	Biol Psychiatry. 2016 Jan 15;79(2):78-86.	2016	2015/3/10	25749099	*
129	Telomere Attrition in Human Lens Epithelial Cells Associated with Oxidative Stress Provide a New Therapeutic Target for the Treatment, Dissolution and Prevention of Cataract with N-Acetyldeoxyribose Leukotoxin	Babizhayev MA	Recent Pat Drug Deliv Formul. 2016;10(2):82-129.	2016	2015/6/19	26084629	
130	Early and recent psychosocial stress and telomere length in older adults	Schaakxs R	Int Psychogeriatr. 2016 Mar;28(3):405-13.	2016	2015/8/13	26265356	
131	The role of oxidative and nitrosative stress in accelerated aging and major depressive disorder	Maurya PK	Prog Neuropsychopharmacol Biol Psychiatry. 2016 Feb 4;65:134-44.	2016	2015/9/9	26348786	
132	Discrimination, mental health, and leukocyte telomere length among African American men	Chae DH	Psychoneuroendocrinology. 2016 Jan;63:10-6.	2016	2015/9/24	26398001	
133	hTERT genetic variation in depression	Wei YB	J Affect Disord. 2016 Jan 1;189:62-9.	2016	2015/9/26	26406970	*
134	Association of dimensional psychological health measures with telomere length in male war veterans	Bersani FS	J Affect Disord. 2016 Jan 15;190:537-542.	2016	2015/11/17	26571103	
135	Depression and telomere length: A meta-analysis	Ridout KK	J Affect Disord. 2016 Feb;191:237-47.	2016	2015/12/22	26688493	*
136	Telomere length as a predictor of response to Pioglitazone in patients with unremitted depression: a preliminary study	Rasgon N	Transl Psychiatry. 2016 Jan 5;6(1):e709.	2016	2016/1/6	26731446	
137	Race, Ethnicity, Psychosocial Factors, and Telomere Length in a Multicenter Setting	Lynch SM	PLoS One. 2016 Jan 11;11(1):e0146723.	2016	2016/1/12	26752285	
138	Molecular biomarkers of depression	Gururajan A	Neurosci Biobehav Rev. 2016 May;64:101-33.	2016	2016/2/25	26906761	

139	Shortened telomere length in patients with depression: A meta-analytic study	Lin PY	J Psychiatr Res. 2016 May;76:84-93.	2016	2016/2/27	26919486	*
140	Depressive and Anxiety Disorders Showing Robust, but Non-Dynamic, 6-Year Longitudinal Association With Short Leukocyte Telomere Length	Verhoeven JE	Am J Psychiatry. 2016 Jun 1;173(6):617-24.	2016	2016/3/5	26940806	*
141	Mindfulness-based interventions for coping with cancer	Carlson LE	Ann N Y Acad Sci. 2016 Jun;1373(1):5-12.	2016	2016/3/11	26963792	
142	Biological Rationale for Regular Physical Exercise as an Effective Intervention for the Prevention and Treatment of Depressive Disorders	Pareja-Galeano H	Curr Pharm Des. 2016;22(24):3764-75.	2016	2016/3/23	27000829	
143	CHRONICITY OF DEPRESSION AND MOLECULAR MARKERS IN A LARGE SAMPLE OF HAN CHINESE WOMEN	Edwards AC	Depress Anxiety. 2016 Nov;33(11):1048-1054.	2016	2016/4/26	27110890	
144	Utilization of flow cytometry for festulolium breeding (Lolium multiflorum (2x) × Festuca arundinacea (6x))	Akiyama Y	Breed Sci. 2016 Mar;66(2):234-43.	2016	2016/5/11	27162495	
145	Telomere length reveals cumulative individual and transgenerational inbreeding effects in a passerine bird	Bebbington K	Mol Ecol. 2016 Jun;25(12):2949-60.	2016	2016/5/18	27184206	
146	Depressive and anxiety disorders and short leukocyte telomere length: mediating effects of metabolic stress and lifestyle factors	Révész D	Psychol Med. 2016 Aug;46(11):2337-49.	2016	2016/6/9	27266474	
147	Association between different risk factors and vascular accelerated ageing (EVA study): study protocol for a cross-sectional, descriptive observational study	Gomez-Marcos MA	BMJ Open. 2016 Jun 7;6(6):e011031.	2016	2016/6/9	27267107	
148	Leukocyte telomere length predicts SSRI response in major depressive disorder: A preliminary report	Hough CM	Mol Neuropsychiatry. 2016 Jul;2(2):88-96.	2016	2016/7/19	27429957	
149	Posttraumatic Stress Disorder, Adverse Childhood Events, and Buccal Cell Telomere Length in Elderly Swiss Former Indentured Child Laborers	Küffer AL	Front Psychiatry. 2016 Aug 31;7:147.	2016	2016/9/16	27630582	
150	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	
151	Depressive symptoms are associated with leukocyte telomere length in American Indians: findings from the Strong Heart Family Study	Zhao Q	Aging (Albany NY). 2016 Nov 18;8(11):2961-2970.	2016	2016/11/22	27870638	*
152	Cognitive Change during the Life Course and Leukocyte Telomere Length in Late Middle-Aged Men	Rask L	Front Aging Neurosci. 2016 Dec 9;8:300.	2016	2016/12/27	28018213	
153	A hypothetic aging pathway from skin to hypothalamic suprachiasmatic nucleus via slow wave sleep	Cai ZJ	Sleep Sci. 2016 Jul-Sep;9(3):212-215.	2016	2017/1/27	28123663	
154	[The age-related changes of the heart rate variability measurements: the role of the inflammation, oxidative stress and telomeres biology]	Streltsova LI	Adv Gerontol. 2016;29(3):495-501.	2016	2017/5/20	28525700	
155	Leukocyte telomere length and late-life depression	Schaakxs R	Am J Geriatr Psychiatry. 2015 Apr;23(4):423-432.	2015	2014/7/17	25028345	*
156	Depression, anxiety and telomere length in young adults: evidence from the National Health and Nutrition Examination Survey	Needham BL	Mol Psychiatry. 2015 Apr;20(4):520-8.	2015	2014/9/3	25178165	*

157	Telomere length and cortisol reactivity in children of depressed mothers	Gotlib IH	Mol Psychiatry. 2015 May;20(5):615-20.	2015	2014/10/1	25266121	*
158	Depressive symptoms and short telomere length are associated with increased mortality in bladder cancer patients	Lin J	Cancer Epidemiol Biomarkers Prev. 2015 Feb;24(2):336-43.	2015	2014/11/23	25416716	*
159	Telomerase dysregulation in the hippocampus of a rat model of depression: normalization by lithium	Wei YB	Int J Neuropsychopharmacol. 2015 Jan 24;18(7):pyv002.	2015	2015/1/26	25618407	*
160	Anxiety disorders and accelerated cellular ageing	Verhoeven JE	Br J Psychiatry. 2015 May;206(5):371-8.	2015	2015/2/7	25657360	
161	The association between depression and leukocyte telomere length: a meta-analysis	Schutte NS	Depress Anxiety. 2015 Apr;32(4):229-38.	2015	2015/2/25	25709105	*
162	How old do you feel? The role of age discrimination and biological aging in subjective age	Stephan Y	PLoS One. 2015 Mar 4;10(3):e0119293.	2015	2015/3/5	25738579	
163	Low Birth Weight in MZ Twins Discordant for Birth Weight is Associated with Shorter Telomere Length and lower IQ, but not Anxiety/Depression in Later Life	Strohmaier J	Twin Res Hum Genet. 2015 Apr;18(2):198-209.	2015	2015/3/7	25744032	
164	PBMC telomerase activity, but not leukocyte telomere length, correlates with hippocampal volume in major depression	Wolkowitz OM	Psychiatry Res. 2015 Apr 30;232(1):58-64.	2015	2015/3/17	25773002	*
165	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	
166	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	
167	Molecular signatures of major depression	Cai N	Curr Biol. 2015 May 4;25(9):1146-56.	2015	2015/4/28	25913401	*
168	Genetics: dynamic cellular aging markers associated with major depression	Hovatta I	Curr Biol. 2015 May 18;25(10):R409-11.	2015	2015/5/20	25989078	
169	Psychiatric disorders and leukocyte telomere length: Underlying mechanisms linking mental illness with cellular aging	Lindqvist D	Neurosci Biobehav Rev. 2015 Aug;55:333-64.	2015	2015/5/23	25999120	
170	Religion, spirituality, and health: a review and update	Koenig HG	Adv Mind Body Med. 2015 Summer;29(3):19-26.	2015	2015/5/31	26026153	
171	Telomere length is associated with oppositional defiant behavior and maternal clinical depression in Latino preschool children	Wojcicki JM	Transl Psychiatry. 2015 Jun 16;5(6):e581.	2015	2015/6/17	26080316	*
172	Where You Live May Make You Old: The Association between Perceived Poor Neighborhood Quality and Leukocyte Telomere Length	Park M	PLoS One. 2015 Jun 17;10(6):e0128460.	2015	2015/6/18	26083263	
173	Longitudinal Associations Between Metabolic Syndrome Components and Telomere Shortening	Révész D	J Clin Endocrinol Metab. 2015 Aug;100(8):3050-9.	2015	2015/7/2	26133009	
174	Opposite Effects of Early-Life Competition and Developmental Telomere Attrition on Cognitive Biases in Juvenile European Starlings	Bateson M	PLoS One. 2015 Jul 29;10(7):e0132602.	2015	2015/7/30	26222390	

175	Variable telomere length across post-mortem human brain regions and specific reduction in the hippocampus of major depressive disorder	Mamdani F	Transl Psychiatry. 2015 Sep 15;5(9):e636.	2015	2015/9/16	26371764	
176	The Association of Early and Recent Psychosocial Life Stress With Leukocyte Telomere Length	Verhoeven JE	Psychosom Med. 2015 Oct;77(8):882-91.	2015	2015/9/17	26374947	
177	Possible Benefit of Dietary Carnosine towards Depressive Disorders	Hipkiss AR	Aging Dis. 2015 Oct 1;6(5):300-3.	2015	2015/10/2	26425385	
178	Leukocyte telomere length in mastocytosis: correlations with depression and perceived stress	Georgin-Lavialle S	Brain Behav Immun. 2014 Jan;35:51-7.	2014	2013/8/7	23917070	
179	Minding the body: psychotherapy and cancer survival	Spiegel D	Br J Health Psychol. 2014 Sep;19(3):465-85.	2014	2013/8/29	23980690	
180	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	*
181	Internalizing disorders and leukocyte telomere erosion: a prospective study of depression, generalized anxiety disorder and post-traumatic stress disorder	Shalev I	Mol Psychiatry. 2014 Nov;19(11):1163-70.	2014	2014/1/15	24419039	
182	Dysregulated physiological stress systems and accelerated cellular aging	Révész D	Neurobiol Aging. 2014 Jun;35(6):1422-30.	2014	2014/1/21	24439483	
183	Telomere length is associated with sleep duration but not sleep quality in adults with human immunodeficiency virus	Lee KA	Sleep. 2014 Jan 1;37(1):157-66.	2014	2014/1/29	24470704	
184	Influence of mindfulness-based stress reduction (MBSR) on telomerase activity in women with breast cancer (BC)	Lengacher CA	Biol Res Nurs. 2014 Oct;16(4):438-47.	2014	2014/2/4	24486564	
185	Select neurocognitive impairment in HIV-infected women: associations with HIV viral load, hepatitis C virus, and depression, but not leukocyte telomere length	Giesbrecht CJ	PLoS One. 2014 Mar 4;9(3):e89556.	2014	2014/3/6	24595021	
186	Social disadvantage, genetic sensitivity, and children's telomere length	Mitchell C	Proc Natl Acad Sci U S A. 2014 Apr 22;111(16):5944-9.	2014	2014/4/9	24711381	
187	Leucocyte telomere shortening in relation to newly diagnosed type 2 diabetic patients with depression	Liu Z	Oxid Med Cell Longev. 2014;2014:673959.	2014	2014/5/29	24868316	*
188	Telomere length - a cellular aging marker for depression and Post-traumatic Stress Disorder	Zhang L	Med Hypotheses. 2014 Aug;83(2):182-5.	2014	2014/5/31	24875221	
189	Shortened telomere length in white matter oligodendrocytes in major depression: potential role of oxidative stress	Szebeni A	Int J Neuropsychopharmacol. 2014 Oct;17(10):1579-89.	2014	2014/6/27	24967945	*
190	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	
191	Telomere shortening in leukocyte subpopulations in depression	Karabatsiakos A	BMC Psychiatry. 2014 Jul 5;14:192.	2014	2014/7/6	24996455	*
192	A nested case-controlled comparison of telomere length and psychological functioning in breast cancer survivors with and without insomnia symptoms	Garland SN	Rejuvenation Res. 2014 Oct;17(5):453-7.	2014	2014/8/12	25111028	

193	Cellular aging in depression: Permanent imprint or reversible process?: An overview of the current evidence, mechanistic pathways, and targets for interventions	Verhoeven JE	Bioessays. 2014 Oct;36(10):968-78.	2014	2014/8/22	25143317	*
194	Adverse childhood experiences and leukocyte telomere maintenance in depressed and healthy adults	Chen SH	J Affect Disord. 2014 Dec;169:86-90.	2014	2014/9/1	25173430	*
195	Telomere length as a marker of cellular aging is associated with prevalence and progression of metabolic syndrome	Révész D	J Clin Endocrinol Metab. 2014 Dec;99(12):4607-15.	2014	2014/9/5	25188715	
196	Telomeres and early-life stress: an overview	Price LH	Biol Psychiatry. 2013 Jan 1;73(1):15-23.	2013	2012/7/27	22831981	*
197	Association between anxiety but not depressive disorders and leukocyte telomere length after 2 years of follow-up in a population-based sample	Hoen PW	Psychol Med. 2013 Apr;43(4):689-97.	2013	2012/8/11	22877856	
198	Abnormal glucose tolerance, white blood cell count, and telomere length in newly diagnosed, antidepressant-naïve patients with depression	Garcia-Rizo C	Brain Behav Immun. 2013 Feb;28:49-53.	2013	2012/12/5	23207109	*
199	Do symptoms of depression predict telomere length? Evidence from the west of Scotland twenty-07 study	Phillips AC	Psychosom Med. 2013 Apr;75(3):288-96.	2013	2013/3/21	23513237	*
200	Loving-Kindness Meditation practice associated with longer telomeres in women	Hoge EA	Brain Behav Immun. 2013 Aug;32:159-63.	2013	2013/4/23	23602876	
201	Stress and telomere biology: a lifespan perspective	Shalev I	Psychoneuroendocrinology. 2013 Sep;38(9):1835-42.	2013	2013/5/4	23639252	
202	Major depressive disorder and measures of cellular aging: an integrative review	Kinser PA	Nurs Res Pract. 2013;2013:469070.	2013	2013/5/22	23691300	*
203	Long-term lithium treatment in bipolar disorder is associated with longer leukocyte telomeres	Martinsson L	Transl Psychiatry. 2013 May 21;3(5):e261.	2013	2013/5/23	23695236	
204	Multisystem resiliency moderates the major depression-telomere length association: findings from the Heart and Soul Study	Puterman E	Brain Behav Immun. 2013 Oct;33:65-73.	2013	2013/6/4	23727245	*
205	The relationship between leukocyte mitochondrial DNA copy number and telomere length in community-dwelling elderly women	Kim JH	PLoS One. 2013 Jun 13;8(6):e67227.	2013	2013/6/21	23785520	
206	Posttraumatic stress disorder and not depression is associated with shorter leukocyte telomere length: findings from 3,000 participants in the population-based KORA F4 study	Ladwig KH	PLoS One. 2013 Jul 3;8(7):e64762.	2013	2013/7/12	23843935	
207	Immune senescence and cancer in elderly patients: results from an exploratory study	Falci C	Exp Gerontol. 2013 Dec;48(12):1436-42.	2013	2013/10/15	24120567	
208	Leukocyte telomere length is associated with noninvasively measured age-related disease: The Cardiovascular Health Study	Sanders JL	J Gerontol A Biol Sci Med Sci. 2012 Apr;67(4):409-16.	2012	2011/9/22	21934123	
209	Short telomeres in depression and the general population are associated with a hypocortisolemic state	Wikgren M	Biol Psychiatry. 2012 Feb 15;71(4):294-300.	2012	2011/11/8	22055018	*
210	Pain is associated with short leukocyte telomere length in women with fibromyalgia	Hassett AL	J Pain. 2012 Oct;13(10):959-69.	2012	2012/10/4	23031395	

211	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	*
212	Age-by-disease biological interactions: implications for late-life depression	McKinney BC	Front Genet. 2012 Nov 16;3:237.	2012	2012/11/20	23162569	
213	Up-regulation of leucocytes genes implicated in telomere dysfunction and cellular senescence correlates with depression and anxiety severity scores	Teyssier JR	PLoS One. 2012;7(11):e49677.	2012	2012/11/28	23185405	*
214	Expression of oxidative stress-response genes is not activated in the prefrontal cortex of patients with depressive disorder	Teyssier JR	Psychiatry Res. 2011 Apr 30;186(2-3):244-7.	2011	2010/8/31	20800905	
215	Childhood adversity heightens the impact of later-life caregiving stress on telomere length and inflammation	Kiecolt-Glaser JK	Psychosom Med. 2011 Jan;73(1):16-22.	2011	2010/12/15	21148804	
216	Leukocyte telomere length in major depression: correlations with chronicity, inflammation and oxidative stress--preliminary findings	Wolkowitz OM	PLoS One. 2011 Mar 23;6(3):e17837.	2011	2011/3/31	21448457	*
217	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	*
218	Hippocampal telomerase is involved in the modulation of depressive behaviors	Zhou QG	J Neurosci. 2011 Aug 24;31(34):12258-69.	2011	2011/8/26	21865469	
219	Testosterone in newly diagnosed, antipsychotic-naïve men with nonaffective psychosis: a test of the accelerated aging hypothesis	Fernandez-Egea E	Psychosom Med. 2011 Oct;73(8):643-7.	2011	2011/9/28	21949421	
220	Investigation of telomere length and psychological stress in rape victims	Malan S	Depress Anxiety. 2011 Dec 21;28(12):1081-5.	2011	2011/11/9	22065550	
221	Telomere length and psychological well-being in patients with chronic heart failure	Huzen J	Age Ageing. 2010 Mar;39(2):223-7.	2010	2010/1/21	20085922	
222	Cerebellar telomere length and psychiatric disorders	Zhang D	Behav Genet. 2010 Mar;40(2):250-4.	2010	2010/2/4	20127402	
223	Depression gets old fast: do stress and depression accelerate cell aging?	Wolkowitz OM	Depress Anxiety. 2010 Apr;27(4):327-38.	2010	2010/4/9	20376837	
224	Telomere length of patients with major depression is shortened but independent from therapy and severity of the disease	Hartmann N	Depress Anxiety. 2010 Dec;27(12):1111-6.	2010	2010/11/6	21053332	*
225	[Telomeres in the brain cortex of depressive patients]	Teyssier JR	Encephale. 2010 Dec;36(6):491-4.	2010	2010/12/7	21130233	*
226	Can meditation slow rate of cellular aging? Cognitive stress, mindfulness, and telomeres	Epel E	Ann N Y Acad Sci. 2009 Aug;1172:34-53.	2009	2009/9/9	19735238	
227	[Characteristics of proliferation and differentiation of cambial and daughter cells in morphofunctional zones in the normal epithelium and cancer using age report]	Iavisheva TM	Adv Gerontol. 2009;22(4):605-13.	2009	2010/4/22	20405727	
228	Determination of telomerase activity in stem cells and non-stem cells of breast cancer	Li Z	Front Med China. 2007 Jul;1(3):294-8.	2007	2014/2/28	24573869	

229	Telomere shortening and mood disorders: preliminary support for a chronic stress model of accelerated aging	Simon NM	Biol Psychiatry. 2006 Sep 1;60(5):432-5.	2006	2006/4/4	16581033	
230	Effect of ginseng saponin, arsenic trioxide, beta-elemene combined with CTX on telomere-telomerase system in K562 cell line	Wang Y	Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2006 Dec;14(6):1089-95.	2006	2007/1/6	17204170	
231	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	
232	The Institute for Ageing and Health, University of Newcastle, UK	Edwardson JA	Exp Gerontol. 2002 Jun;37(6):749-56.	2002	2002/8/15	12175475	
233	The significance of telomerase activation and cellular immortalization in human cancer	Newbold RF	Mutagenesis. 2002 Nov;17(6):539-50.	2002	2002/11/19	12435851	
234	[Physiopathologic implications of telomerase]	Santos Ruiz A	An R Acad Nac Med (Madr). 2000;117(2):427-44; discussion 444-7.	2000	2001/2/24	11209552	
235	Insertion of telomere repeat sequence decreases plasmid DNA condensation by cobalt (III) hexaammine	Schnell JR	Biophys J. 1998 Mar;74(3):1484-91.	1998	1998/3/25	9512044	
236	The pattern of pairing that is effective for crossing over in complex B-A chromosome rearrangements in maize. III. Possible evidence for pairing centers	Maguire MP	Chromosoma. 1986;94(1):71-85.	1986	1986/1/1	3743206	

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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Lithium inhibits oxidative stress-induced neuronal senescence through miR-34a	Tufekci KU	Mol Biol Rep. 2021 May;48(5):4171-4180.	2021	2021/5/30	34052966	
2	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	
3	Significant Shortening of Leukocyte Telomere Length in Korean Patients with Bipolar Disorder 1	Joo EJ	Clin Psychopharmacol Neurosci. 2021 Aug 31;19(3):559-563.	2021	2021/7/23	34294626	*
4	Decreased leucocyte telomere length in male patients with chronic bipolar disorder: lack of effect of long-term lithium treatment	Ferensztajn-Rochowiak E	Acta Neuropsychiatr. 2021 Dec;33(6):299-306.	2021	2021/8/9	34369336	*
5	Investigating the Role of Leukocyte Telomere Length in Treatment-Resistant Depression and in Response to Electroconvulsive Therapy	Pisanu C	J Pers Med. 2021 Oct 27;11(11):1100.	2021	2021/11/27	34834452	
6	Accelerated hippocampal biological aging in bipolar disorder	Fries GR	Bipolar Disord. 2020 Aug;22(5):498-507.	2020	2019/11/21	31746071	
7	A multidisciplinary approach to mental illness: do inflammation, telomere length and microbiota form a loop? A protocol for a cross-sectional study on the complex relationship between inflammation	Manchia M	BMJ Open. 2020 Jan 26;10(1):e032513.	2020	2020/1/29	31988227	
8	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	*

9	Expression of telomerase reverse transcriptase positively correlates with duration of lithium treatment in bipolar disorder	Lundberg M	Psychiatry Res. 2020 Apr;286:112865.	2020	2020/3/2	32114208	*
10	Decelerated epigenetic aging associated with mood stabilizers in the blood of patients with bipolar disorder	Okazaki S	Transl Psychiatry. 2020 May 4;10(1):129.	2020	2020/5/6	32366819	
11	Differences in telomere length between patients with bipolar disorder and controls are influenced by lithium treatment	Pisanu C	Pharmacogenomics. 2020 Jun;21(8):533-540.	2020	2020/5/7	32372689	*
12	The anti-aging effects of lithium in lymphoblastoid cell lines from patients with bipolar disorder and controls	Fries GR	J Psychiatr Res. 2020 Sep;128:38-42.	2020	2020/6/10	32516629	*
13	Telomere attrition and inflammatory load in severe psychiatric disorders and in response to psychotropic medications	Squassina A	Neuropsychopharmacology. 2020 Dec;45(13):2229-2238.	2020	2020/9/12	32919410	
14	Telomere length and human hippocampal neurogenesis	Palmas AB	Neuropsychopharmacology. 2020 Dec;45(13):2239-2247.	2020	2020/9/13	32920596	
15	Lithium and the Interplay Between Telomeres and Mitochondria in Bipolar Disorder	Lundberg M	Front Psychiatry. 2020 Sep 29;11:586083.	2020	2020/11/2	33132941	*
16	Telomere length as a predictor of emotional processing in the brain	Powell TR	Hum Brain Mapp. 2019 Apr 15;40(6):1750-1759.	2019	2018/12/5	30511786	
17	The polygenic nature of telomere length and the anti-ageing properties of lithium	Coutts F	Neuropsychopharmacology. 2019 Mar;44(4):757-765.	2019	2018/12/19	30559463	
18	Mood Disorders, Accelerated Aging, and Inflammation: Is the Link Hidden in Telomeres?	Squassina A	Cells. 2019 Jan 15;8(1):52.	2019	2019/1/18	30650526	
19	Telomere length is associated with childhood trauma in patients with severe mental disorders	Aas M	Transl Psychiatry. 2019 Mar 21;9(1):97.	2019	2019/3/23	30898995	
20	Telomere Biology in Mood Disorders: An Updated, Comprehensive Review of the Literature	Muneer A	Clin Psychopharmacol Neurosci. 2019 Aug 31;17(3):343-363.	2019	2019/7/30	31352701	
21	Interventions Addressing the Telomere-Telomerase System	Muneer A	Adv Exp Med Biol. 2019;1192:521-544.	2019	2019/11/10	31705512	
22	Telomere Length and Bipolar Disorder	Powell TR	Neuropsychopharmacology. 2018 Jan;43(2):445-453.	2018	2017/6/17	28621334	*
23	Telomere length and hTERT in mania and subsequent remission	Köse Çınar R	Braz J Psychiatry. 2018 Jan-Mar;40(1):19-25.	2018	2017/7/13	28700015	*
24	Telomere Length and Bipolar Disorder	Powell TR	Neuropsychopharmacology. 2018 Jan;43(2):454.	2018	2017/12/13	29230034	*
25	Leukocyte telomere length in patients with bipolar disorder: An updated meta-analysis and subgroup analysis by mood status	Huang YC	Psychiatry Res. 2018 Dec;270:41-49.	2018	2018/9/23	30243131	*
26	Genetic Risk for Psychiatric Disorders and Telomere Length	Palmas AB	Front Genet. 2018 Oct 16;9:468.	2018	2018/11/22	30459805	*

27	Telomere length in bipolar disorder and lithium response	Squassina A	Eur Neuropsychopharmacol. 2017 Jun;27(6):560-567.	2017	2015/12/2	26621262	*
28	Telomere Length, Oxidative Stress, Inflammation and BDNF Levels in Siblings of Patients with Bipolar Disorder: Implications for Accelerated Cellular Aging	Vasconcelos-Moreno MP	Int J Neuropsychopharmacol. 2017 Jun 1;20(6):445-454.	2017	2017/3/25	28339618	*
29	[Telomere-telomerase system in aging, norm and pathology (literature review)]	Pavlov KI	Adv Gerontol. 2017;30(1):17-26.	2017	2017/5/31	28557385	
30	Analyzing leukocyte telomere length in bipolar disorder	Monroy-Jaramillo N	Braz J Psychiatry. 2017 Jul-Sep;39(3):274.	2017	2017/8/17	28813115	*
31	Analyzing leukocyte telomere length in bipolar disorder: Authors' reply	Barbé-Tuana FM	Braz J Psychiatry. 2017 Jul-Sep;39(3):275-276.	2017	2017/8/17	28813116	*
32	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder	Fries GR	Transl Psychiatry. 2017 Dec 11;7(12):1283.	2017	2017/12/12	29225347	*
33	hTERT genetic variation in depression	Wei YB	J Affect Disord. 2016 Jan 1;189:62-9.	2016	2015/9/26	26406970	
34	The role of childhood trauma in bipolar disorders	Aas M	Int J Bipolar Disord. 2016 Dec;4(1):2.	2016	2016/1/15	26763504	*
35	Leukocyte telomere length positively correlates with duration of lithium treatment in bipolar disorder patients	Squassina A	Eur Neuropsychopharmacol. 2016 Jul;26(7):1241-7.	2016	2016/4/17	27084304	*
36	Leukocyte telomere length predicts SSRI response in major depressive disorder: A preliminary report	Hough CM	Mol Neuropsychiatry. 2016 Jul;2(2):88-96.	2016	2016/7/19	27429957	
37	Shortened telomere length in bipolar disorder: a comparison of the early and late stages of disease	Barbé-Tuana FM	Braz J Psychiatry. 2016 Oct-Dec;38(4):281-286.	2016	2016/11/1	27798713	*
38	Analysis of telomere attrition in bipolar disorder	Lima IM	J Affect Disord. 2015 Feb 1;172:43-7.	2015	2014/12/3	25451394	*
39	Neuroendocrine and viral correlates of premature immunosenescence	Bauer ME	Ann N Y Acad Sci. 2015 Sep;1351:11-21.	2015	2015/5/7	25943573	
40	Is bipolar disorder associated with accelerating aging? A meta-analysis of telomere length studies	Colpo GD	J Affect Disord. 2015 Nov 1;186:241-8.	2015	2015/8/9	26253905	*
41	Variable telomere length across post-mortem human brain regions and specific reduction in the hippocampus of major depressive disorder	Mamdani F	Transl Psychiatry. 2015 Sep 15;5(9):e636.	2015	2015/9/16	26371764	
42	The theory of bipolar disorder as an illness of accelerated aging: implications for clinical care and research	Rizzo LB	Neurosci Biobehav Rev. 2014 May;42:157-69.	2014	2014/2/20	24548785	
43	Long-term lithium treatment in bipolar disorder is associated with longer leukocyte telomeres	Martinsson L	Transl Psychiatry. 2013 May 21;3(5):e261.	2013	2013/5/23	23695236	*
44	Immunosenescence is associated with human cytomegalovirus and shortened telomeres in type I bipolar disorder	Rizzo LB	Bipolar Disord. 2013 Dec;15(8):832-8.	2013	2013/9/12	24021055	*

45	Cerebellar telomere length and psychiatric disorders	Zhang D	Behav Genet. 2010 Mar;40(2):250-4.	2010	2010/2/4	20127402	
46	Fine mapping of a susceptibility locus for bipolar and genetically related unipolar affective disorders, to a region containing the C21orf520 and TBPB2 genes on chromosome 21p22.2	McQuillin A	Mol Psychiatry. 2006 Feb;11(2):134-42.	2006	2005/10/6	16205735	
47	Genetic refinement and physical mapping of a 2.3 Mb probable disease region associated with a bipolar affective disorder susceptibility locus on chromosome 4q25	Badenhop RF	Am J Med Genet B Neuropsychiatr Genet. 2003 Feb;117B(1):23-32.	2003	2003/1/30	12555231	
48	Initial genomic scan of the NIMH genetics initiative bipolar pedigrees: chromosomes 3, 5, 15, 16, 17, and 22	Edenberg HJ	Am J Med Genet. 1997 May 31;74(3):238-46.	1997	1997/5/31	9184305	

Telomere & Mood Disorders

No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	TERT rs2736100 and TERC rs16847897 genotypes moderate the association between internalizing mental disorders and accelerated telomere length attrition among LITV children and adolescents	Kalungi A	BMC Med Genomics. 2021 Jan 6;14(1):15.	2021	2021/1/7	33407441	*
2	An integrative study of five biological clocks in somatic and mental health	Jansen R	Elife. 2021 Feb 9;10:e59479.	2021	2021/2/9	33558008	
3	Telomere Shortening and Psychiatric Disorders: A Systematic Review	Pousa PA	Cells. 2021 Jun 7;10(6):1423.	2021	2021/7/2	34200513	*
4	Investigating the Role of Leukocyte Telomere Length in Treatment-Resistant Depression and in Response to Electroconvulsive Therapy	Pisanu C	J Pers Med. 2021 Oct 27;11(11):1100.	2021	2021/11/27	34834452	*
5	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	
6	Differences in telomere length between patients with bipolar disorder and controls are influenced by lithium treatment	Pisanu C	Pharmacogenomics. 2020 Jun;21(8):533-540.	2020	2020/5/7	32372689	*
7	Biological mechanism study of meditation and its application in mental disorders	Shen H	Gen Psychiatr. 2020 Jul 13;33(4):e100214.	2020	2020/7/23	32695961	
8	Trauma-focused psychodynamic therapy and STAIR Narrative Therapy of post-traumatic stress disorder related to childhood maltreatment: trial protocol of a multicentre randomised controlled trial assessing	Leichenring F	BMJ Open. 2020 Dec 17;10(12):e040123.	2020	2020/12/18	33334832	
9	Stress and immunosenescence: The role of telomerase	de Punder K	Psychoneuroendocrinology. 2019 Mar;101:87-100.	2019	2018/11/17	30445409	
10	Telomere length as a predictor of emotional processing in the brain	Powell TR	Hum Brain Mapp. 2019 Apr 15;40(6):1750-1759.	2019	2018/12/5	30511786	*
11	Mood Disorders, Accelerated Aging, and Inflammation: Is the Link Hidden in Telomeres?	Squassina A	Cells. 2019 Jan 15;8(1):52.	2019	2019/1/18	30650526	*
12	Associations between early life parent-child separation and shortened telomere length and psychopathological outcomes during adolescence	Chen X	Psychoneuroendocrinology. 2019 May;103:195-202.	2019	2019/2/4	30711896	*

13	Telomere length is associated with childhood trauma in patients with severe mental disorders	Aas M	Transl Psychiatry. 2019 Mar 21;9(1):97.	2019	2019/3/23	30898995	*
14	Telomere Biology in Mood Disorders: An Updated, Comprehensive Review of the Literature	Muneer A	Clin Psychopharmacol Neurosci. 2019 Aug 31;17(3):343-363.	2019	2019/7/30	31352701	*
15	Internalizing Mental Disorders and Accelerated Cellular Aging Among Perinatally HIV-Infected Youth in Uganda	Kalungi A	Front Genet. 2019 Aug 2;10:705.	2019	2019/8/21	31428136	*
16	Interventions Addressing the Telomere-Telomerase System	Muneer A	Adv Exp Med Biol. 2019;1192:521-544.	2019	2019/11/10	31705512	*
17	Common mental disorders and association with telomere length	Vakonaki E	Biomed Rep. 2018 Feb;8(2):111-116.	2018	2018/2/14	29435268	*
18	Complex phenotype of dyskeratosis congenita and mood dysregulation with novel homozygous RTEL1 and TPH1 variants	Ungar RA	Am J Med Genet A. 2018 Jun;176(6):1432-1437.	2018	2018/4/27	29696773	
19	The Emerging Roles for Telomerase in the Central Nervous System	Liu MY	Front Mol Neurosci. 2018 May 16;11:160.	2018	2018/6/6	29867352	
20	Long Sleep Duration, Insomnia, and Insomnia With Short Objective Sleep Duration Are Independently Associated With Short Telomere Length	Tempaku P	J Clin Sleep Med. 2018 Dec 15;14(12):2037-2045.	2018	2018/12/7	30518442	
21	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	
22	Association between childhood trauma and accelerated telomere erosion in adulthood: A meta-analytic study	Li Z	J Psychiatr Res. 2017 Oct;93:64-71.	2017	2017/6/12	28601667	
23	Telomere Attrition: A Window Into Common Mental Disorders and Cellular Aging	Reynolds CF 3rd	Am J Psychiatry. 2016 Jun 1;173(6):556-8.	2016	2016/6/2	27245186	*
24	Leukocyte telomere length predicts SSRI response in major depressive disorder: A preliminary report	Hough CM	Mol Neuropsychiatry. 2016 Jul;2(2):88-96.	2016	2016/7/19	27429957	
25	Stressful life events and leukocyte telomere length: Do lifestyle factors, somatic and mental health, or low grade inflammation mediate this relationship? Results from a cohort of Danish men born in 1953	Osler M	Brain Behav Immun. 2016 Nov;58:248-253.	2016	2016/7/30	27470228	
26	Leukocyte telomere length and late-life depression	Schaakxs R	Am J Geriatr Psychiatry. 2015 Apr;23(4):423-432.	2015	2014/7/17	25028345	
27	Telomerase dysregulation in the hippocampus of a rat model of depression: normalization by lithium	Wei YB	Int J Neuropsychopharmacol. 2015 Jan 24;18(7):pyv002.	2015	2015/1/26	25618407	
28	Associations between the five-factor model of personality and leukocyte telomere length in elderly men and women: The Helsinki Birth Cohort Study (HBCS)	Savolainen K	J Psychosom Res. 2015 Sep;79(3):233-8.	2015	2015/5/15	25972055	
29	Variable telomere length across post-mortem human brain regions and specific reduction in the hippocampus of major depressive disorder	Mamdani F	Transl Psychiatry. 2015 Sep 15;5(9):e636.	2015	2015/9/16	26371764	
30	Gene expression, telomere and cognitive deficit analysis as a function of Chernobyl radiation dose and age: from in utero to adulthood	Bazyka DA	Probl Radiac Med Radiobiol. 2015 Dec;20:283-310.	2015	2015/12/24	26695909	

31	Associations between early life stress, self-reported traumatic experiences across the lifespan and leukocyte telomere length in elderly adults	Savolainen K	Biol Psychol. 2014 Mar;97:35-42.	2014	2014/2/18	24530884	
32	Promoter polymorphism in the serotonin transporter (5-HTT) gene is significantly associated with leukocyte telomere length in Han Chinese	Li P	PLoS One. 2014 Apr 7;9(4):e94442.	2014	2014/4/9	24710073	*
33	Telomere length - a cellular aging marker for depression and Post-traumatic Stress Disorder	Zhang L	Med Hypotheses. 2014 Aug;83(2):182-5.	2014	2014/5/31	24875221	
34	Shorter telomere length in peripheral blood leukocytes is associated with childhood autism	Li Z	Sci Rep. 2014 Nov 17;4:7073.	2014	2014/11/18	25399515	*
35	Abnormal glucose tolerance, white blood cell count, and telomere length in newly diagnosed, antidepressant-naïve patients with depression	Garcia-Rizo C	Brain Behav Immun. 2013 Feb;28:49-53.	2013	2012/12/5	23207109	
36	Stress and telomere biology: a lifespan perspective	Shalev I	Psychoneuroendocrinology. 2013 Sep;38(9):1835-42.	2013	2013/5/4	23639252	*
37	Longer telomere length in patients with schizophrenia	Nieratschker V	Schizophr Res. 2013 Sep;149(1-3):116-20.	2013	2013/7/23	23870621	
38	Childhood exposure to violence and lifelong health: clinical intervention science and stress-biology research join forces	Moffitt TE	Dev Psychopathol. 2013 Nov;25(4 Pt 2):1619-34.	2013	2013/12/18	24342859	
39	Neuropsychiatric conditions among patients with dyskeratosis congenita: a link with telomere biology?	Rackley S	Psychosomatics. 2012 May-Jun;53(3):230-5.	2012	2012/3/31	22458992	*
40	History of mental disorders and leukocyte telomere length in late adulthood: the Helsinki Birth Cohort Study (HBCS)	Savolainen K	J Psychiatr Res. 2012 Oct;46(10):1346-53.	2012	2012/8/14	22884422	*
41	Does telomere length mediate associations between inbreeding and increased risk for bipolar I disorder and schizophrenia?	Mansour H	Psychiatry Res. 2011 Jun 30;188(1):129-32.	2011	2011/2/9	21300409	
42	Shortened telomeres in individuals with abuse in alcohol consumption	Pavanello S	Int J Cancer. 2011 Aug 15;129(4):983-92.	2011	2011/2/26	21351086	
43	Hippocampal telomerase is involved in the modulation of depressive behaviors	Zhou QG	J Neurosci. 2011 Aug 24;31(34):12258-69.	2011	2011/8/26	21865469	
44	Childhood adversities are associated with shorter telomere length at adult age both in individuals with an anxiety disorder and controls	Kananen L	PLoS One. 2010 May 25;5(5):e10826.	2010	2010/6/4	20520834	*
45	[Telomeres in the brain cortex of depressive patients]	Teyssier JR	Encephale. 2010 Dec;36(6):491-4.	2010	2010/12/7	21130233	
46	Reduced telomerase activity in human T lymphocytes exposed to cortisol	Choi J	Brain Behav Immun. 2008 May;22(4):600-5.	2008	2008/1/29	18222063	*
47	Telomere shortening and mood disorders: preliminary support for a chronic stress model of accelerated aging	Simon NM	Biol Psychiatry. 2006 Sep 1;60(5):432-5.	2006	2006/4/4	16581033	*

Telomere & Autistic Disorder

No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	Is telomere length a biomarker of neurological disorders?	Thanseem I	Biomark Med. 2017 Sep;11(9):799-810.	2017	2019/1/24	30669856	*
2	Shorter telomere length in peripheral blood leukocytes is associated with childhood autism	Li Z	Sci Rep. 2014 Nov 17;4:7073.	2014	2014/11/18	25399515	*
3	Evaluating the evidence for transmission distortion in human pedigrees	Meyer WK	Genetics. 2012 May;191(1):215-32.	2012	2012/3/2	22377632	
4	Genetic determinants of autism in individuals with deletions of 18q	O'Donnell L	Hum Genet. 2010 Aug;128(2):155-64.	2010	2010/5/26	20499253	
5	Cognitive-behavioral features of Wolf-Hirschhorn syndrome and other subtelomeric microdeletions	Fisch GS	Am J Med Genet C Semin Med Genet. 2010 Nov 15;154C(4):417-26.	2010	2010/10/29	20981770	
6	Identification of chromosome abnormalities in subtelomeric regions by microarray analysis: a study of 5,380 cases	Shao L	Am J Med Genet A. 2008 Sep 1;146A(17):2242-51.	2008	2008/7/30	18663743	
7	Subtelomeric region of chromosome 2 in patients with autism spectrum disorders	Barbosa-Gonçalves A	Genet Mol Res. 2008 Jun 17;7(2):527-33.	2008	2008/8/30	18752177	
8	Systematic screening for subtelomeric anomalies in a clinical sample of autism	Wassink TH	J Autism Dev Disord. 2007 Apr;37(4):703-8.	2007	2006/9/28	17004120	
9	2nd international meeting on cryptic chromosomal rearrangements in mental retardation and autism	Romano C	Eur J Hum Genet. 2006 Sep;14(9):1058.	2006	2006/6/1	16736030	
10	Screening of subtelomeric rearrangements in autistic disorder: identification of a partial trisomy of 13q34 in a patient bearing a 12;21 translocation	Di Bella MA	Am J Med Genet B Neuropsychiatr Genet. 2006 Sep 5;141B(6):584-90.	2006	2006/7/11	16823807	
11	Evaluation of the chromosome 2q37.3 gene CENTG2 as an autism susceptibility gene	Wassink TH	Am J Med Genet B Neuropsychiatr Genet. 2005 Jul 5;136B(1):36-44.	2005	2005/5/14	15892143	
12	Clinical and cytogenetic manifestations of subtelomeric aberrations: Report of six cases	Font-Montgomery E	Birth Defects Res A Clin Mol Teratol. 2004 Jun;70(6):408-15.	2004	2004/6/24	15211711	
13	Deletion 2q37.3 and autism: molecular cytogenetic mapping of the candidate region for autistic disorder	Lukusa T	Genet Couns. 2004;15(3):293-301.	2004	2004/11/3	15517821	
14	Routine cytogenetic and FISH studies for 17p11/15q11 duplications and subtelomeric rearrangement studies in children with autism spectrum disorders	Keller K	Am J Med Genet A. 2003 Mar 1;117A(2):105-11.	2003	2003/2/5	12567405	
15	Pilot assessment of the subtelomeric regions of children with autism: detection of a 2q deletion	Wolff DJ	Genet Med. 2002 Jan-Feb;4(1):10-4.	2002	2002/2/13	11839952	
16	A cryptic deletion of 2q35 including part of the PAX3 gene detected by breakpoint mapping in a child with autism and a de novo 2;8 translocation	Borg I	J Med Genet. 2002 Jun;39(6):391-9.	2002	2002/6/19	12070244	