

"Telomere & Respiratory System (Lung/Pulmonary)" Articles

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No.	Title	First Author	Journal/Book/Page	Publication Year	Create Date	PMID	High Relevance
1	The S-adenosylmethionine analog sinefungin inhibits the trimethylguanosine synthase TGS1 to promote telomerase activity and telomere lengthening	Galati A	FEBS Lett. 2022 Jan;596(1):42-52.	2022	2021/11/24	34817067	
2	Interstitial lung diseases associated with mutations of poly(A)-specific ribonuclease: A multicentre retrospective study	Philippot Q	Respirology. 2022 Jan 3.	2022	2022/1/4	34981600	
3	Decreased Systemic and Airway Sirtuin 1 Expression in Adults With Bronchiectasis	Han XR	Front Med (Lausanne). 2022 Jan 6;8:768770.	2022	2022/1/24	35071262	
4	Cancer-related changes and low-to-moderate exposure to welding fumes: A longitudinal study	Dauter UM	Scand J Work Environ Health. 2022 Jan 1;48(1):21-30.	2022	2021/9/27	34570895	
5	Identifying potential novel insights for COVID-19 pathogenesis and therapeutics using an integrated bioinformatics analysis of host transcriptome	El-Aarag SA	Int J Biol Macromol. 2022 Jan 1;194:770-780.	2022	2021/11/26	34826456	
6	Molecular mechanisms of telomere biology disorders	Grill S	J Biol Chem. 2021 Jan-Jun;296:100064.	2021	2021/1/22	33482595	
7	Telomere length and risk of idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease: a mendelian randomisation study	Duckworth A	Lancet Respir Med. 2021 Mar;9(3):285-294.	2021	2020/11/16	33197388	
8	Safety and efficacy of pirfenidone and nintedanib in patients with idiopathic pulmonary fibrosis and carrying a telomere-related gene mutation	Justet A	Eur Respir J. 2021 Feb 11;57(2):2003198.	2021	2020/11/20	33214205	
9	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	
10	[Clinical Application and Challenges of Telomere and Telomerase Research in Lung Cancer]	Han S	Zhongguo Fei Ai Za Zhi. 2021 Jan 20;24(1):25-30.	2021	2021/1/22	33478187	
11	Telomere Shortening and Its Association with Cell Dysfunction in Lung Diseases	Ruiz A	Int J Mol Sci. 2021 Dec 31;23(1):425.	2021	2022/1/11	35008850	
12	Telomeres in Interstitial Lung Disease	Stock CJW	J Clin Med. 2021 Mar 30;10(7):1384.	2021	2021/4/3	33808277	

13	Lung Transplant Improves Survival and Quality of Life Regardless of Telomere Dysfunction	Planas-Cerezales L	Front Med (Lausanne). 2021 Jul 30;8:695919.	2021	2021/8/16	34395476	
14	Treatment of telomeropathies	Vieri M	Best Pract Res Clin Haematol. 2021 Jun;34(2):101282.	2021	2021/8/18	34404536	
15	Telomere Dysfunction in Idiopathic Pulmonary Fibrosis	Zhang K	Front Med (Lausanne). 2021 Nov 11;8:739810.	2021	2021/12/3	34859008	
16	Lung transplantation for idiopathic pulmonary fibrosis enriches for individuals with telomere-mediated disease	Alder JK	J Heart Lung Transplant. 2021 Nov 15:S1053-2498(21)02584-5.	2021	2021/12/22	34933798	
17	Telomere biology disorders	Kam MLW	NPJ Genom Med. 2021 May 28;6(1):36.	2021	2021/5/29	34050178	
18	Inhibition of DKC1 induces telomere-related senescence and apoptosis in lung adenocarcinoma	Kan G	J Transl Med. 2021 Apr 20;19(1):161.	2021	2021/4/21	33879171	
19	Leukocyte telomere length, cancer incidence and all-cause mortality among Chinese adults: Singapore Chinese Health Study	Samavat H	Int J Cancer. 2021 Jan 15;148(2):352-362.	2021	2021/1/18	33459354	
20	Autoantibodies targeting telomere-associated proteins in systemic sclerosis	Adler BL	Ann Rheum Dis. 2021 Jul;80(7):912-919.	2021	2021/1/26	33495152	
21	The Extent of Inflammatory Cell Infiltrate and Fibrosis in Lungs of Telomere- and Surfactant-Related Familial Pulmonary Fibrosis	van Batenburg AA	Front Med (Lausanne). 2021 Sep 24;8:736485.	2021	2021/10/11	34631753	
22	Molecular markers of telomere dysfunction and senescence are common findings in the usual interstitial pneumonia pattern of lung fibrosis	Lee JS	Histopathology. 2021 Jul;79(1):67-76.	2021	2021/1/12	33432658	
23	Correlation between Telomere Length and Chronic Obstructive Pulmonary Disease-Related Phenotypes: Results from the Chronic Obstructive Pulmonary Disease in Dusty Areas (CODA) Cohort	Moon DH	Tuberc Respir Dis (Seoul). 2021 Jul;84(3):188-199.	2021	2021/5/13	33979985	
24	Telomere length and outcome of treatment for pulmonary tuberculosis in a gold mining community	Katoto PDMC	Sci Rep. 2021 Feb 17;11(1):4031.	2021	2021/2/18	33597559	
25	Airway Telomere Length in Lung Transplant Recipients	Mackintosh JA	Front Immunol. 2021 Apr 16;12:658062.	2021	2021/5/3	33936089	
26	Airway complications in lung transplant recipients with telomere-related interstitial lung disease	Choi B	Clin Transplant. 2021 Dec 1:e14552.	2021	2021/12/2	34856024	
27	Telomere length assessment in blood leukocytes of patients with sarcoidosis	Afshar H	Sarcoidosis Vasc Diffuse Lung Dis. 2021;38(1):e2021009.	2021	2021/4/19	33867793	
28	Familial Pulmonary Fibrosis: Genetic Features and Clinical Implications	Zhang D	Chest. 2021 Nov;160(5):1764-1773.	2021	2021/6/29	34186035	

29	Particulate matter causes telomere shortening and increase in cellular senescence markers in human lung epithelial cells	Chang-Chien J	Ecotoxicol Environ Saf. 2021 Oct 1;222:112484.	2021	2021/7/8	34237641	
30	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	
31	Telomere shortening and DNA damage in culprit cells of different types of progressive fibrosing interstitial lung disease	van Batenburg AA	ERJ Open Res. 2021 May 31;7(2):00691-2020.	2021	2021/6/4	34084786	
32	Characterization of tree shrew telomeres and telomerase	Sun J	J Genet Genomics. 2021 Jul 20;48(7):631-639.	2021	2021/8/7	34362683	
33	Lung transplant recipients with idiopathic pulmonary fibrosis have impaired alloreactive immune responses	Wang P	J Heart Lung Transplant. 2021 Nov 25:S1053-2498(21)02608-5.	2021	2021/12/20	34924263	
34	Shorter Granulocyte Telomeres Among Children and Adolescents With Perinatally Acquired Human Immunodeficiency Virus Infection and Chronic Lung Disease in Zimbabwe	Ajaykumar A	Clin Infect Dis. 2021 Oct 5;73(7):e2043-e2051.	2021	2020/8/9	32766884	
35	Long-term tobacco exposure and immunosenescence: Paradoxical effects on T-cells telomere length and telomerase activity	Fernandes JR	Mech Ageing Dev. 2021 Jul;197:111501.	2021	2021/5/17	34000259	
36	Wing: A suitable nonlethal tissue type for repeatable and rapid telomere length estimates in bats	Power ML	Mol Ecol Resour. 2021 Feb;21(2):421-432.	2021	2020/10/13	33049101	
37	Tissue-specific telomere shortening and degenerative changes in a patient with TINF2 mutation and dyskeratosis congenita	Roake CM	Hum Pathol (N Y). 2021 Sep;25:200517.	2021	2021/9/15	34522616	
38	Pathology, Radiology, and Genetics of Interstitial Lung Disease in Patients With Shortened Telomeres	Cecchini MJ	Am J Surg Pathol. 2021 Jul 1;45(7):871-884.	2021	2021/5/3	33935155	
39	Pulmonary fibrosis in non-mutation carriers of families with short telomere syndrome gene mutations	van der Vis JJ	Respirology. 2021 Dec;26(12):1160-1170.	2021	2021/9/28	34580961	
40	Reactive oxygen species production, genotoxicity and telomere length in FE1-Muta™ Mouse lung epithelial cells exposed to carbon nanotubes	Wils RS	Nanotoxicology. 2021 Jun;15(5):661-672.	2021	2021/4/26	33899660	
41	Telomere length dynamics over 10-years and related outcomes in patients with COPD	Córdoba-Lanús E	Respir Res. 2021 Feb 15;22(1):56.	2021	2021/2/20	33608013	
42	The Role of Herpes Viruses in Pulmonary Fibrosis	Duckworth A	Front Med (Lausanne). 2021 Jul 22;8:704222.	2021	2021/8/9	34368196	
43	Long-term personal air pollution exposure and risk for acute exacerbation of idiopathic pulmonary fibrosis	Tomos I	Environ Health. 2021 Aug 30;20(1):99.	2021	2021/8/31	34461906	
44	Low-power infrared laser modulates telomere length in heart tissue from an experimental model of acute lung injury	da Silva Neto Trajano LA	Photochem Photobiol Sci. 2021 May;20(5):653-661.	2021	2021/5/19	34009632	

45	Short and dysfunctional telomeres protect from allergen-induced airway inflammation	Piñeiro-Hermida S	Aging Cell. 2021 May;20(5):e13352.	2021	2021/5/4	33942458	
46	Telomeric zinc-finger associated protein (TZAP) in cancer biology: friend or foe?	Dos Santos GA	Mol Biol Res Commun. 2021 Sep;10(3):121-129.	2021	2021/9/3	34476265	
47	Integrated evaluation of telomerase activation and telomere maintenance across cancer cell lines	Hu K	Elife. 2021 Sep 6;10:e66198.	2021	2021/9/6	34486523	
48	Epigenetic marker of telomeric age is associated with exacerbations and hospitalizations in chronic obstructive pulmonary disease	Hernández Cordero AI	Respir Res. 2021 Dec 22;22(1):316.	2021	2021/12/23	34937547	
49	TELO-SCOPE study: a randomised, double-blind, placebo-controlled, phase 2 trial of danazol for short telomere related pulmonary fibrosis	Mackintosh JA	BMJ Open Respir Res. 2021 Dec;8(1):e001127.	2021	2021/12/3	34857525	
50	Dyspnoea with progressive "idiopathic" pulmonary fibrosis	Puri C	Respirol Case Rep. 2021 Jun 6;9(7):e00800.	2021	2021/6/18	34141436	
51	Low frequency variants associated with leukocyte telomere length in the Singapore Chinese population	Chang X	Commun Biol. 2021 May 3;4(1):519.	2021	2021/5/4	33941849	
52	Pulmonary fibrosis associated with telomere-related gene mutations: A complex inheritance	Borie R	Respirology. 2021 Dec;26(12):1098-1100.	2021	2021/10/7	34617352	
53	Prognostic Value of Telomeric Zinc Finger-Associated Protein Expression in Adenocarcinoma and Squamous Cell Carcinoma of Lung	Kim GJ	Medicina (Kaunas). 2021 Nov 10;57(11):1223.	2021	2021/11/27	34833441	
54	Membrane particles from mesenchymal stromal cells reduce the expression of fibrotic markers on pulmonary cells	Merino A	PLoS One. 2021 Mar 17;16(3):e0248415.	2021	2021/3/17	33730089	
55	Evidence for Biological Age Acceleration and Telomere Shortening in COVID-19 Survivors	Mongelli A	Int J Mol Sci. 2021 Jun 7;22(11):6151.	2021	2021/7/2	34200325	
56	Pulmonary fibrosis 4 months after COVID-19 is associated with severity of illness and blood leucocyte telomere length	McGroder CF	Thorax. 2021 Dec;76(12):1242-1245.	2021	2021/4/30	33927016	
57	The C-Circle Biomarker Is Secreted by Alternative-Lengthening-of-Telomeres Positive Cancer Cells inside Exosomes and Provides a Blood-Based Diagnostic for ALT Activity	Chen YY	Cancers (Basel). 2021 Oct 26;13(21):5369.	2021	2021/11/13	34771533	
58	Mild catalytic defects of tert rs61748181 polymorphism affect the clinical presentation of chronic obstructive pulmonary disease	Xu J	Sci Rep. 2021 Feb 22;11(1):4333.	2021	2021/2/23	33619289	
59	Liver transplant recipient with respiratory failure due to pulmonary fibrosis related to telomere disease requiring lung transplantation	Singh M	Respir Med Case Rep. 2021 Jun 1;33:101443.	2021	2021/8/17	34401283	
60	Reply to: Pleuroparenchymal Fibroelastosis Induced by Liver Transplantation?	Goondi D	Am J Respir Crit Care Med. 2021 Nov 18.	2021	2021/11/18	34793685	

61	Telomere Length but Not Mitochondrial DNA Copy Number Is Altered in Both Young and Old COPD	Casas-Recasens S	Front Med (Lausanne). 2021 Nov 24;8:761767.	2021	2021/12/13	34901077	
62	Gain-of-Function Mutations in RPA1 Cause a Syndrome with Short Telomeres and Somatic Genetic Rescue	Sharma R	Blood. 2021 Nov 12;blood.2021011980.	2021	2021/11/12	34767620	
63	The Association of Aging-Related Polymorphisms with Susceptibility to Lung Cancer: A Case-Control Study in a Japanese Population	Furuie H	Asian Pac J Cancer Prev. 2021 Apr 1;22(4):1279-1285.	2021	2021/4/28	33906323	
64	The clinical and functional effects of TERT variants in myelodysplastic syndrome	Reilly CR	Blood. 2021 Sep 9;138(10):898-911.	2021	2021/5/21	34019641	
65	Sex and gender in interstitial lung diseases	Kawano-Dourado L	Eur Respir Rev. 2021 Nov 17;30(162):210105.	2021	2021/11/18	34789464	
66	Pulmonary fibrosis in dyskeratosis congenita: a case report with a PRISMA-compliant systematic review	Wang P	BMC Pulm Med. 2021 Sep 3;21(1):279.	2021	2021/9/4	34479523	
67	A Novel Association between YKL-40, a Marker of Structural Lung Disease, and Short Telomere Length in 10-Year-Old Children with Bronchopulmonary Dysplasia	Henckel E	Children (Basel). 2021 Jan 24;8(2):80.	2021	2021/1/27	33498968	
68	Pulmonary Alveolar Stem Cell Senescence, Apoptosis, and Differentiation by p53-Dependent and -Independent Mechanisms in Telomerase-Deficient Mice	Zhang K	Cells. 2021 Oct 26;10(11):2892.	2021	2021/11/27	34831112	
69	Transcriptional and Proteomic Characterization of Telomere-Induced Senescence in a Human Alveolar Epithelial Cell Line	Sullivan DI	Front Med (Lausanne). 2021 Feb 9;8:600626.	2021	2021/2/26	33634147	
70	A Case Series of TERC Variant Telomere Biology Disorders in Unrelated Families From Atlantic Canada	Harrigan AM	J Hematol. 2021 Jun;10(3):130-135.	2021	2021/7/16	34267850	
71	Liver Histology in Short Telomere Syndrome: A Case Report and Review of the Literature	Bai L	Int J Surg Pathol. 2021 Oct 29;10668969211054102.	2021	2021/10/29	34714693	
72	The leukocyte telomere length, single nucleotide polymorphisms near TERC gene and risk of COPD	Tacheva T	PeerJ. 2021 Nov 11;9:e12190.	2021	2021/11/26	34824901	
73	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	
74	Acute motor neuropathy with quadriparesis following treatment with triple tyrosine kinase inhibitor, nintedanib	Kunadu A	Respir Med Case Rep. 2021 Jul 17;34:101472.	2021	2021/8/6	34354919	
75	Peripheral blood leucocyte telomere length is associated with progression of interstitial lung disease in systemic sclerosis	Liu S	Thorax. 2021 Dec;76(12):1186-1192.	2021	2021/7/17	34272332	
76	Regulation of PINX1 expression ameliorates lipopolysaccharide-induced lung injury and alleviates cell senescence during the convalescent phase through affecting the telomerase activity	Li S	Aging (Albany NY). 2021 Mar 26;13(7):10175-10186.	2021	2021/4/5	33819185	

77	DNA Methylation-Based Age Prediction and Telomere Length Reveal an Accelerated Aging in Induced Sputum Cells Compared to Blood Leukocytes: A Pilot Study in COPD Patients	Campisi M	Front Med (Lausanne). 2021 Jul 23;8:690312.	2021	2021/8/9	34368190	
78	Non-myceloablative umbilical cord blood transplantation for atypical dyskeratosis congenita	Gibson A	Pediatr Transplant. 2021 Oct 8:e14157.	2021	2021/10/9	34626046	
79	Disease Progression and Clinical Outcomes in Telomere Biology Disorders	Niewisch MR	Blood. 2021 Dec 1:blood.2021013523.	2021	2021/12/1	34852175	
80	Repeated injury promotes tracheobronchial tissue stem cell attrition	Ghosh M	Stem Cells Transl Med. 2021 Dec;10(12):1696-1713.	2021	2021/9/21	34546001	
81	Interstitial Lung Diseases and Air Pollution: Narrative Review of Literature	Singh N	Pulm Ther. 2021 Jun;7(1):89-100.	2021	2021/3/10	33689161	
82	Pulmonary alveolar stem cells undergo senescence, apoptosis and differentiation by p53-dependent and -independent mechanisms in telomerase deficient mice	Zhang K	Clin Exp Pharmacol Physiol. 2021 May;48(5):651-659.	2021	2021/2/26	33634502	
83	Human telomerase reverse transcriptase promotes the epithelial to mesenchymal transition in lung cancer cells by enhancing c-MET upregulation	Prasad RR	Heliyon. 2021 Dec 24;8(1):e08673.	2021	2022/1/13	35024489	
84	Lung transplantation for interstitial lung disease	Kapnadak SG	Eur Respir Rev. 2021 Aug 3;30(161):210017.	2021	2021/8/5	34348979	
85	Psychological impact of genetic and clinical screening for pulmonary fibrosis on asymptomatic first-degree relatives of affected individuals	Carmichael N	Thorax. 2021 Jun;76(6):621-623.	2021	2021/1/23	33483364	
86	Diverse Pathological Findings of Interstitial Lung Disease in a Patient with Dyskeratosis Congenita	Otoshi R	Intern Med. 2021 Apr 15;60(8):1257-1263.	2021	2020/11/16	33191321	
87	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	
88	Determinants of survival after lung transplantation in telomerase-related gene mutation carriers: A retrospective cohort	Phillips-Houlbracq M	Am J Transplant. 2021 Dec 1.	2021	2021/12/2	34854205	
89	Molecular programs of fibrotic change in aging human lung	Lee S	Nat Commun. 2021 Nov 2;12(1):6309.	2021	2021/11/3	34728633	
90	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	
91	Role of various imbalances centered on alveolar epithelial cell/fibroblast apoptosis imbalance in the pathogenesis of idiopathic pulmonary fibrosis	Wang Q	Chin Med J (Engl). 2021 Jan 14;134(3):261-274.	2021	2021/2/1	33522725	
92	Metformin: Experimental and Clinical Evidence for a Potential Role in Emphysema Treatment	Polverino F	Am J Respir Crit Care Med. 2021 Sep 15;204(6):651-666.	2021	2021/5/25	34033525	

93	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	
94	Genomic instability in the naturally and prematurely aged myocardium	De Majo F	Proc Natl Acad Sci U S A. 2021 Sep 7;118(36):e2022974118.	2021	2021/9/1	34465617	
95	A Multifocal Pediatric Papillary Thyroid Carcinoma (PTC) Harboring the AGK-BRAF and RET/PTC3 Fusion in a Mutually Exclusive Pattern Reveals Distinct Levels of Genomic Instability and Nuclear Organization	Sisdelli L	Biology (Basel). 2021 Feb 5;10(2):125.	2021	2021/2/10	33562578	
96	The Role of Cold Inducible RNA-Binding Protein in Cardiac Physiology and Diseases	Zhong P	Front Pharmacol. 2021 Feb 24;12:610792.	2021	2021/3/15	33716740	
97	The low expression of NUP62CL indicates good prognosis and high level of immune infiltration in lung adenocarcinoma	Ren S	Cancer Med. 2021 May;10(10):3403-3412.	2021	2021/5/2	33934535	
98	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	
99	Physical activity, obesity and sedentary behavior in cancer etiology: epidemiologic evidence and biologic mechanisms	Friedenreich CM	Mol Oncol. 2021 Mar;15(3):790-800.	2021	2020/8/3	32741068	
100	Risk factors associated with the development of interstitial lung abnormalities	Buendía-Roldán I	Eur Respir J. 2021 Aug 5;58(2):2003005.	2021	2021/1/15	33446609	
101	Long-Term Exposure to Nanosized TiO(2) Triggers Stress Responses and Cell Death Pathways in Pulmonary Epithelial Cells	Alswady-Hoff M	Int J Mol Sci. 2021 May 19;22(10):5349.	2021	2021/6/2	34069552	
102	Recombinant Antithrombin Attenuates Acute Respiratory Distress Syndrome in Experimental Endotoxemia	Okamoto H	Am J Pathol. 2021 Sep;191(9):1526-1536.	2021	2021/6/11	34116023	
103	Non-functional pancreatic neuroendocrine tumours: ATRX/DAXX and alternative lengthening of telomeres (ALT) are prognostically independent from ARX/PDX1 expression and tumour size	Hackeng WM	Gut. 2021 Apr 13;gutjnl-2020-322595.	2021	2021/4/14	33849943	
104	HIV-1 Latency and Viral Reservoirs: Existing Reversal Approaches and Potential Technologies, Targets, and Pathways Involved in HIV Latency Studies	Khanal S	Cells. 2021 Feb 23;10(2):475.	2021	2021/3/6	33672138	
105	A Comparative Analysis of the Gene Expression Profiles of Small Cell Esophageal Carcinoma, Small Cell Lung Cancer, and Esophageal Adeno/Squamous Carcinoma	Liu D	Front Surg. 2021 Jul 30;8:655159.	2021	2021/8/16	34395507	
106	Contributions of alveolar epithelial cell quality control to pulmonary fibrosis	Katzen J	J Clin Invest. 2020 Oct 1;130(10):5088-5099.	2020	2020/9/2	32870817	
107	FBW7 Mediates Senescence and Pulmonary Fibrosis through Telomere Uncapping	Wang L	Cell Metab. 2020 Nov 3;32(5):860-877.e9.	2020	2020/10/21	33086033	
108	Idiopathic pulmonary fibrosis: Molecular mechanisms and potential treatment approaches	Glass DS	Respir Investig. 2020 Sep;58(5):320-335.	2020	2020/6/4	32487481	

109	Small-Molecule PAPD5 Inhibitors Restore Telomerase Activity in Patient Stem Cells	Nagpal N	Cell Stem Cell. 2020 Jun 4;26(6):896-909.e8.	2020	2020/4/23	32320679	
110	Telomerase treatment prevents lung profibrotic pathologies associated with physiological aging	Piñeiro-Hermida S	J Cell Biol. 2020 Oct 5;219(10):e202002120.	2020	2020/8/11	32777016	
111	Age-Dependent Assessment of Genes Involved in Cellular Senescence, Telomere, and Mitochondrial Pathways in Human Lung Tissue of Smokers, COPD, and IPF: Associations With SARS-CoV-2 COVID-19	Maremanda KP	Front Pharmacol. 2020 Sep 9;11:584637.	2020	2020/10/5	33013423	
112	Telomere biology disorder prevalence and phenotypes in adults with familial hematologic and/or pulmonary presentations	Feurstein S	Blood Adv. 2020 Oct 13;4(19):4873-4886.	2020	2020/10/9	33035329	
113	Immortalized normal human lung epithelial cell models for studying lung cancer biology	Sato M	Respir Investig. 2020 Sep;58(5):344-354.	2020	2020/6/27	32586780	
114	Joint effect of polycyclic aromatic hydrocarbons and phthalates exposure on telomere length and lung function	Hou J	J Hazard Mater. 2020 Mar 15;386:121663.	2020	2019/12/1	31784133	
115	[A concise review of telomere and telomerase-related genetic markers in fibrotic lung diseases]	Fan YL	Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi. 2020 Dec 20;38(12):952-956.	2020	2021/1/6	33406566	
116	Telomerase gene variants and telomere shortening in patients with silicosis or asbestosis	Fan Y	Occup Environ Med. 2020 Dec 15:oemed-2020-107046.	2020	2020/12/16	33323453	
117	Telomere-associated genes and telomeric lncRNAs are biomarker candidates in lung squamous cell carcinoma (LUSC)	Storti CB	Exp Mol Pathol. 2020 Feb;112:104354.	2020	2019/12/15	31837325	
118	Shorter telomere length following lung transplantation is associated with clinically significant leukopenia and decreased chronic lung allograft dysfunction-free survival	Courtwright AM	ERJ Open Res. 2020 Jun 15;6(2):00003-2020.	2020	2020/6/25	32577419	
119	Association between Telomere-Related Polymorphisms and the Risk of IPF and COPD as a Precursor Lesion of Lung Cancer: Findings from the Fukuoka Tobacco-Related Lung Disease (FOLD) Registry	Arimura-Omori M	Asian Pac J Cancer Prev. 2020 Mar 1;21(3):667-673.	2020	2020/3/28	32212792	
120	Short Telomeres: Cause and Consequence in Liver Disease	Penrice DD	Semin Liver Dis. 2020 Nov;40(4):385-391.	2020	2020/6/12	32526789	
121	Airway Epithelial Telomere Dysfunction Drives Remodeling Similar to Chronic Lung Allograft Dysfunction	Naikawadi RP	Am J Respir Cell Mol Biol. 2020 Oct;63(4):490-501.	2020	2020/6/20	32551854	
122	Pulmonary Fibrosis and a TERT Founder Mutation With a Latency Period of 300 Years	van der Vis JJ	Chest. 2020 Aug;158(2):612-619.	2020	2020/4/22	32315675	
123	Cancer spectrum and outcomes in the Mendelian short telomere syndromes	Schratz KE	Blood. 2020 May 28;135(22):1946-1956.	2020	2020/2/21	32076714	
124	Age-dependent assessment of genes involved in cellular senescence, telomere and mitochondrial pathways in human lung tissue of smokers, COPD and IPF: Associations with SARS-CoV-2 COVID-19	Maremanda KP	Res Sq. 2020 Jun 15:rs.3.rs-35347.	2020	2020/7/24	32702724	

125	Relation between sex hormones and leucocyte telomere length in men with idiopathic pulmonary fibrosis	Fang C	Respirology. 2020 Dec;25(12):1265-1273.	2020	2020/6/26	32583532	
126	Impact of genetic factors on fibrosing interstitial lung diseases. Incidence and clinical presentation in adults	Borie R	Presse Med. 2020 Jun;49(2):104024.	2020	2020/5/22	32437840	
127	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	
128	Extrahematopoietic manifestations of the short telomere syndromes	Schratz KE	Hematology Am Soc Hematol Educ Program. 2020 Dec 4;2020(1):115-122.	2020	2020/12/4	33275732	
129	A possible relationship between telomere length and markers of neurodegeneration in rat brain after welding fume inhalation exposure	Shoeb M	Environ Res. 2020 Jan;180:108900.	2020	2019/11/13	31711660	
130	Chromosomal damage and telomere length in peripheral blood lymphocytes of cancer patients	Vodenkova S	Oncol Rep. 2020 Nov;44(5):2219-2230.	2020	2020/10/1	33000239	
131	Investigation of telomere related gene mutations in idiopathic pulmonary fibrosis	Yildirim H	Mol Biol Rep. 2020 Oct;47(10):7851-7860.	2020	2020/10/2	33006015	
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134	Tissue-Specific Ultra-Short Telomeres in Chronic Obstructive Pulmonary Disease	Cagsin H	Int J Chron Obstruct Pulmon Dis. 2020 Oct 30;15:2751-2757.	2020	2020/11/6	33154635	
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137	From organ to cell: Multi-level telomere length assessment in patients with idiopathic pulmonary fibrosis	van Batenburg AA	PLoS One. 2020 Jan 7;15(1):e0226785.	2020	2020/1/8	31910222	
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147	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	
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153	Association between coffee drinking and telomere length in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial	Steiner B	PLoS One. 2020 Jan 8;15(1):e0226972.	2020	2020/1/9	31914160	
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160	Potential Role of Cellular Senescence in Asthma	Wang ZN	Front Cell Dev Biol. 2020 Feb 11;8:59.	2020	2020/3/3	32117985	
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203	Investigation of Leukocyte Telomere Length and Genetic Variants in Chromosome 5p15.33 as Prognostic Markers in Lung Cancer	Kachuri L	Cancer Epidemiol Biomarkers Prev. 2019 Jul;28(7):1228-1237.	2019	2019/7/3	31263055	
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231	Histopathological and molecular analysis of idiopathic pulmonary fibrosis lungs from patients treated with pirfenidone or nintedanib	Zhang Y	Histopathology. 2019 Jan;74(2):341-349.	2019	2018/8/29	30152895	
232	Exploring the cross-phenotype network region of disease modules reveals concordant and discordant pathways between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis	Halu A	Hum Mol Genet. 2019 Jul 15;28(14):2352-2364.	2019	2019/4/19	30997486	
233	Accelerated lung aging and chronic obstructive pulmonary disease	Yoon YS	Expert Rev Respir Med. 2019 Apr;13(4):369-380.	2019	2019/2/9	30735057	
234	The relationship between MUC5B promoter, TERT polymorphisms and telomere lengths with radiographic extent and survival in a Chinese IPF cohort	Wang H	Sci Rep. 2019 Oct 25;9(1):15307.	2019	2019/10/27	31653936	
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236	Association of newly identified genetic variant rs2853677 of TERT with non-small cell lung cancer and leukemia in population of Jammu and Kashmir, India	Bhat GR	BMC Cancer. 2019 May 24;19(1):493.	2019	2019/5/26	31126249	

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238	Myelodysplastic syndromes and idiopathic pulmonary fibrosis: a dangerous liaison	Papiris SA	Respir Res. 2019 Aug 13;20(1):182.	2019	2019/8/15	31409344	
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240	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	
241	New trajectories in the treatment of interstitial lung disease: treat the disease or treat the underlying pattern?	Morisset J	Curr Opin Pulm Med. 2019 Sep;25(5):442-449.	2019	2019/8/1	31365378	
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247	NOVA1 directs PTBP1 to hTERT pre-mRNA and promotes telomerase activity in cancer cells	Sayed ME	Oncogene. 2019 Apr;38(16):2937-2952.	2019	2018/12/21	30568224	
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250	RNA-sequencing across three matched tissues reveals shared and tissue-specific gene expression and pathway signatures of COPD	Morrow JD	Respir Res. 2019 Apr 2;20(1):65.	2019	2019/4/4	30940135	
251	Clinical implications of telomere dysfunction in lung fibrosis	Molina-Molina M	Curr Opin Pulm Med. 2018 Sep;24(5):440-444.	2018	2018/8/2	30067250	
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259	Telomere shortening activates TGF-β/Smads signaling in lungs and enhances both lipopolysaccharide and bleomycin-induced pulmonary fibrosis	Liu YY	Acta Pharmacol Sin. 2018 Nov;39(11):1735-1745.	2018	2018/6/22	29925920	
260	Balance between senescence and apoptosis is regulated by telomere damage-induced association between p16 and caspase-3	Panneer Selvam S	J Biol Chem. 2018 Jun 22;293(25):9784-9800.	2018	2018/5/12	29748384	
261	Loss of ATRX/DAXX expression and alternative lengthening of telomeres in uterine leiomyomas	Ahvenainen TV	Cancer. 2018 Dec 15;124(24):4650-4656.	2018	2018/11/14	30423196	
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