Mary Armanios

List of Publications by Year
in descending order

70 papers	7,487 citations	87888 38 h-index	98798 67 g-index
75 all docs	75 docs citations	75 times ranked	7955 citing authors

#	Article	IF	Citations
1	Telomerase Mutations in Families with Idiopathic Pulmonary Fibrosis. New England Journal of Medicine, 2007, 356, 1317-1326.	27.0	1,175
2	The telomere syndromes. Nature Reviews Genetics, 2012, 13, 693-704.	16.3	816
3	Haploinsufficiency of t e lomerase reverse transcriptase leads to anticipation in autosomal dominant dyskeratosis congenita. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15960-15964.	7.1	423
4	Telomeres and age-related disease: how telomere biology informs clinical paradigms. Journal of Clinical Investigation, 2013, 123, 996-1002.	8.2	298
5	Syndromes of Telomere Shortening. Annual Review of Genomics and Human Genetics, 2009, 10, 45-61.	6.2	280
6	Short Telomeres, even in the Presence of Telomerase, Limit Tissue Renewal Capacity. Cell, 2005, 123, 1121-1131.	28.9	264
7	Telomere dysfunction causes alveolar stem cell failure. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5099-5104.	7.1	263
8	Telomere Length Is a Determinant of Emphysema Susceptibility. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 904-912.	5.6	228
9	IPF lung fibroblasts have a senescent phenotype. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L1164-L1173.	2.9	219
10	Short Telomeres are Sufficient to Cause the Degenerative Defects Associated with Aging. American Journal of Human Genetics, 2009, 85, 823-832.	6.2	216
11	Telomerase and idiopathic pulmonary fibrosis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 730, 52-58.	1.0	205
12	Loss-of-function mutations in the RNA biogenesis factor NAF1 predispose to pulmonary fibrosisâ€“emphysema. Science Translational Medicine, 2016, 8, 351ra107.	12.4	168
13	Diagnostic utility of telomere length testing in a hospital-based setting. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2358-E2365.	7.1	165
14	Lung transplantation in telomerase mutation carriers with pulmonary fibrosis. European Respiratory Journal, 2014, 44, 178-187.	6.7	161
15	Syndrome complex of bone marrow failure and pulmonary fibrosis predicts germline defects in telomerase. Blood, 2011, 117, 5607-5611.	1.4	157
16	Telomerase mutations in smokers with severe emphysema. Journal of Clinical Investigation, 2015, 125, 563-570.	8.2	152
17	Exome Sequencing Identifies Mutant TINF2 in a Family With Pulmonary Fibrosis. Chest, 2015, 147, 1361-1368.	0.8	148
18	The short and long telomere syndromes: paired paradigms for molecular medicine. Current Opinion in Genetics and Development, 2015, 33, 1-9.	3.3	106

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19	Ancestral Mutation in Telomerase Causes Defects in Repeat Addition Processivity and Manifests As Familial Pulmonary Fibrosis. PLoS Genetics, 2011, 7, e1001352.	3.5	99
20	Long telomeres and cancer risk: the price of cellular immortality. Journal of Clinical Investigation, 2019, 129, 3474-3481.	8.2	97
21	Hepatopulmonary Syndrome Is a Frequent Cause of Dyspnea in the Short Telomere Disorders. Chest, 2015, 148, 1019-1026.	0.8	95
22	The gastrointestinal manifestations of telomereâ€mediated disease. Aging Cell, 2013, 12, 319-323.	6.7	87
23	Telomere Phenotypes in Females with Heterozygous Mutations in the Dyskeratosis Congenita 1 (DKC1) Gene. Human Mutation, 2013, 34, 1481-1485.	2.5	85
24	ZCCHC8, the nuclear exosome targeting component, is mutated in familial pulmonary fibrosis and is required for telomerase RNA maturation. Genes and Development, 2019, 33, 1381-1396.	5.9	85
25	Short Telomeres Compromise Î²-Cell Signaling and Survival. PLoS ONE, 2011, 6, e17858.	2.5	84
26	Short telomere syndromes cause a primary T cell immunodeficiency. Journal of Clinical Investigation, 2018, 128, 5222-5234.	8.2	82
27	Cancer spectrum and outcomes in the Mendelian short telomere syndromes. Blood, 2020, 135, 1946-1956.	1.4	79
28	Evaluation of Patients and Families With Concern for Predispositions to Hematologic Malignancies Within the Hereditary Hematologic Malignancy Clinic (HHMC). Clinical Lymphoma, Myeloma and Leukemia, 2016, 16, 417-428.e2.	0.4	74
29	Germline Mutations in DNA Repair Genes in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2017, 12, 1673-1678.	1.1	73
30	Transmission of glioblastoma multiforme following bilateral lung transplantation from an affected donor: Case study and review of the literature. Neuro-Oncology, 2004, 6, 259-263.	1.2	68
31	Systematic Computational Identification of Variants That Activate Exonic and Intronic Cryptic Splice Sites. American Journal of Human Genetics, 2017, 100, 751-765.	6.2	68
32	Impaired Cytomegalovirus Immunity in Idiopathic Pulmonary Fibrosis Lung Transplant Recipients with Short Telomeres. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 362-376.	5.6	67
33	Dyskeratosis congenita: The first NIH clinical research workshop. Pediatric Blood and Cancer, 2009, 53, 520-523.	1.5	66
34	Adjuvant Chemotherapy for Resected Adenocarcinoma of the Esophagus, Gastro-Esophageal Junction, and Cardia: Phase II Trial (E8296) of the Eastern Cooperative Oncology Group. Journal of Clinical Oncology, 2004, 22, 4495-4499.	1.6	61
35	Short telomeres and ataxia-telangiectasia mutated deficiency cooperatively increase telomere dysfunction and suppress tumorigenesis. Cancer Research, 2003, 63, 8188-96.	0.9	56
36	Decreased dyskerin levels as a mechanism of telomere shortening in X-linked dyskeratosis congenita. Journal of Medical Genetics, 2011, 48, 327-333.	3.2	55

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37	The Intersection of Aging Biology and the Pathobiology of Lung Diseases: A Joint NHLBI/NIA Workshop. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1492-1500.	3.6	55
38	Understanding the evolving phenotype of vascular complications in telomere biology disorders. Angiogenesis, 2019, 22, 95-102.	7.2	45
39	The Role of Telomeres in Human Disease. Annual Review of Genomics and Human Genetics, 2022, 23, 363-381.	6.2	39
40	Telomerase and the Genetics of Emphysema Susceptibility. Implications for Pathogenesis Paradigms and Patient Care. Annals of the American Thoracic Society, 2016, 13, S447-S451.	3.2	37
41	A Syndromic Intellectual Disability Disorder Caused by Variants in TELO2 , a Gene Encoding a Component of the TTT Complex. American Journal of Human Genetics, 2016, 98, 909-918.	6.2	35
42	Telomere-mediated lung disease. Physiological Reviews, 2022, 102, 1703-1720.	28.8	34
43	Somatic reversion impacts myelodysplastic syndromes and acute myeloid leukemia evolution in the short telomere disorders. Journal of Clinical Investigation, 2021, 131, .	8.2	33
44	Ligase-4 Deficiency Causes Distinctive Immune Abnormalities in Asymptomatic Individuals. Journal of Clinical Immunology, 2016, 36, 341-353.	3.8	30
45	Treating Myeloproliferation â€" On Target or Off?. New England Journal of Medicine, 2015, 373, 965-966.	27.0	29
46	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084.	6.5	29
47	Synonymous Mutation in DKC1 Causes Telomerase RNA Insufficiency Manifesting as Familial Pulmonary Fibrosis. Chest, 2020, 158, 2449-2457.	0.8	26
48	Telomerase Mutations and the Pulmonary Fibrosisâ€"Bone Marrow Failure Syndrome Complex. New England Journal of Medicine, 2012, 367, 384-384.	27.0	24
49	Short lymphocyte, but not granulocyte, telomere length in a subset of patients with systemic sclerosis. Annals of the Rheumatic Diseases, 2019, 78, 1142-1144.	0.9	24
50	Case 41-2015: A Boy with Immune and Liver Abnormalities. New England Journal of Medicine, 2016, 374, 2192-2193.	27.0	23
51	The Effects of a Remote-based Weight Loss Program on Adipocytokines, Metabolic Markers, and Telomere Length in Breast Cancer Survivors: the POWER-Remote Trial. Clinical Cancer Research, 2020, 26, 3024-3034.	7.0	22
52	Cancer and myeloid clonal evolution in the short telomere syndromes. Current Opinion in Genetics and Development, 2020, 60, 112-118.	3.3	22
53	Radiation Sensitivity and Radiation Necrosis in the Short Telomere Syndromes. International Journal of Radiation Oncology Biology Physics, 2015, 93, 1115-1117.	0.8	19
54	The Role of Genetic Testing in Pulmonary Fibrosis. Chest, 2022, 162, 394-405.	0.8	19

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55	An emerging role for the conserved telomere component 1 (CTC1) in human genetic disease. Pediatric Blood and Cancer, 2012, 59, 209-210.	1.5	14
56	Shall we call them â€œtelomere-mediatedâ€? Renaming the idiopathic after the cause is found. European Respiratory Journal, 2016, 48, 1556-1558.	6.7	14
57	Short telomeres: a repeat offender in IPF. Lancet Respiratory Medicine,the, 2014, 2, 513-514.	10.7	9
58	What the Genetics â€œRTELâ€ing Us about Telomeres and Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 608-610.	5.6	8
59	Robust reprogramming of Ataxia-Telangiectasia patient and carrier erythroid cells to induced pluripotent stem cells. Stem Cell Research, 2016, 17, 296-305.	0.7	5
60	Telomeres in the Clinic, Not on TV. Mayo Clinic Proceedings, 2018, 93, 815-817.	3.0	5
61	Liver Transplantation in Short Telomereâ€Mediated Hepatopulmonary Syndrome Following Bone Marrow Transplantation Using HCV Positive Allografts: A Case Series. Liver Transplantation, 2021, 27, 1844-1848.	2.4	5
62	Ovarian Failure Preceding Head and Neck Squamous Cell Carcinoma Identifies an Adult-Onset Cancer-Prone Syndrome Caused by FANCM Mutations. JCO Precision Oncology, 2021, 5, 1443-1448.	3.0	5
63	Case 41-2015. New England Journal of Medicine, 2015, 373, 2664-2676.	27.0	4
64	Reply: Telomerase Makes Connections between Pulmonary Fibrosis and Emphysema. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 754-755.	5.6	3
65	Integration-free erythroblast-derived human induced pluripotent stem cells (iPSCs) from an individual with Ataxia-Telangiectasia (A-T). Stem Cell Research, 2016, 17, 205-207.	0.7	1
66	Anal Cancer as a First Presentation of a Germline Mutation in TERT. JCO Oncology Practice, 2021, 17, 209-211.	2.9	1
67	Telomeres and Telomerase. , 2016, , 431-442.		0
68	Extrahematopoietic Manifestations of Telomere Syndromes. Blood, 2015, 126, SCI-51-SCI-51.	1.4	0
69	Short Telomere Syndromes. , 2019, , 1-3.		0
70	Short Telomere Syndromes. , 2020, , 590-592.		0