

Jonathan K Alder

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

4,036
citations

23
h-index

48
g-index

48
ext. papers

4,819
ext. citations

9.8
avg, IF

4.66
L-index

#	Paper	IF	Citations
41	Telomerase mutations in families with idiopathic pulmonary fibrosis. <i>New England Journal of Medicine</i> , 2007 , 356, 1317-26	59.2	957
40	Short telomeres are a risk factor for idiopathic pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13051-6	11.5	527
39	CD34+ hematopoietic stem-progenitor cell microRNA expression and function: a circuit diagram of differentiation control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2750-5	11.5	424
38	Virulence-related surface glycoproteins in the yeast pathogen <i>Candida glabrata</i> are encoded in subtelomeric clusters and subject to RAP1- and SIR-dependent transcriptional silencing. <i>Genes and Development</i> , 2003 , 17, 2245-58	12.6	202
37	Telomere dysfunction causes alveolar stem cell failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5099-104	11.5	187
36	Telomere length is a determinant of emphysema susceptibility. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 904-12	10.2	183
35	Short telomeres are sufficient to cause the degenerative defects associated with aging. <i>American Journal of Human Genetics</i> , 2009 , 85, 823-32	11	178
34	Rapid direct sequence analysis of the dystrophin gene. <i>American Journal of Human Genetics</i> , 2003 , 72, 931-9	11	158
33	Kruppel-like factor 4 is essential for inflammatory monocyte differentiation in vivo. <i>Journal of Immunology</i> , 2008 , 180, 5645-52	5.3	157
32	Syndrome complex of bone marrow failure and pulmonary fibrosis predicts germline defects in telomerase. <i>Blood</i> , 2011 , 117, 5607-11	2.2	123
31	Loss-of-function mutations in the RNA biogenesis factor NAF1 predispose to pulmonary fibrosis-emphysema. <i>Science Translational Medicine</i> , 2016 , 8, 351ra107	17.5	113
30	Telomerase mutations in smokers with severe emphysema. <i>Journal of Clinical Investigation</i> , 2015 , 125, 563-70	15.9	111
29	Exome sequencing identifies mutant TINF2 in a family with pulmonary fibrosis. <i>Chest</i> , 2015 , 147, 1361-1368	13.6	109
28	Diagnostic utility of telomere length testing in a hospital-based setting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2358-E2365	11.5	89
27	HES1 inhibits cycling of hematopoietic progenitor cells via DNA binding. <i>Stem Cells</i> , 2006 , 24, 876-88	5.8	84
26	Ancestral mutation in telomerase causes defects in repeat addition processivity and manifests as familial pulmonary fibrosis. <i>PLoS Genetics</i> , 2011 , 7, e1001352	6	78
25	Telomere phenotypes in females with heterozygous mutations in the dyskeratosis congenita 1 (DKC1) gene. <i>Human Mutation</i> , 2013 , 34, 1481-5	4.7	64

24	Common variant of human NEDD4L activates a cryptic splice site to form a frameshifted transcript. <i>Journal of Human Genetics</i> , 2002 , 47, 665-76	4.3	62
23	Short telomere syndromes cause a primary T cell immunodeficiency. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5222-5234	15.9	45
22	Decreased dyskerin levels as a mechanism of telomere shortening in X-linked dyskeratosis congenita. <i>Journal of Medical Genetics</i> , 2011 , 48, 327-33	5.8	40
21	Cutting edge: The transcription factor Kruppel-like factor 4 regulates the differentiation of Th17 cells independently of ROR γ . <i>Journal of Immunology</i> , 2010 , 185, 7161-4	5.3	35
20	Cellular Senescence: The Trojan Horse in Chronic Lung Diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 21-30	5.7	25
19	GDF15 is an epithelial-derived biomarker of idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L510-L521	5.8	25
18	Toll interacting protein protects bronchial epithelial cells from bleomycin-induced apoptosis. <i>FASEB Journal</i> , 2020 , 34, 9884-9898	0.9	13
17	Topographic heterogeneity of lung microbiota in end-stage idiopathic pulmonary fibrosis: the Microbiome in Lung Explants-2 (MiLEs-2) study. <i>Thorax</i> , 2021 , 76, 239-247	7.3	9
16	Id1 overexpression is independent of repression and epigenetic silencing of tumor suppressor genes in melanoma. <i>Epigenetics</i> , 2010 , 5, 410-21	5.7	8
15	From bad to worse: when lung cancer complicates idiopathic pulmonary fibrosis. <i>Journal of Pathology</i> , 2018 , 244, 383-385	9.4	7
14	CRISPR-Cas9 directed knock-out of a constitutively expressed gene using lance array nanoinjection. <i>SpringerPlus</i> , 2016 , 5, 1521		6
13	RNA sequencing identifies common pathways between cigarette smoke exposure and replicative senescence in human airway epithelia. <i>BMC Genomics</i> , 2019 , 20, 22	4.5	5
12	Another building in the IPF Manhattan plot skyline. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 837-839	35.1	2
11	Genome Editing in Zebrafish Using CRISPR-Cas9: Applications for Developmental Toxicology. <i>Methods in Molecular Biology</i> , 2019 , 1965, 235-250	1.4	2
10	Phenotypic Diversity Caused by Differential Expression of -Cre-Transgenic Alleles. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 692-698	5.7	1
9	Comparative analysis of lipid-mediated CRISPR-Cas9 genome editing techniques. <i>Cell Biology International</i> , 2018 , 42, 849-858	4.5	1
8	Idiopathic pulmonary fibrosis lung transplant recipients are at increased risk for EBV-associated posttransplant lymphoproliferative disorder and worse survival. <i>American Journal of Transplantation</i> , 2020 , 20, 1439-1446	8.7	1
7	Thrombospondin-1 Restricts Interleukin-36 Mediated Neutrophilic Inflammation during <i>Pseudomonas aeruginosa</i> Pulmonary Infection. <i>MBio</i> , 2021 , 12,	7.8	1

6	CD4+ T cell lymphopenia and dysfunction in severe COVID-19 disease is autocrine TNF- α /TNFRI-dependent		1
5	Rapid postmortem ventilation improves donor lung viability by extending the tolerable warm ischemic time after cardiac death in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L653-L662	5.8	1
4	MicroRNA hsa-mir-16 Contributes to Regulation of Myeloid Differentiation of Human CD34+ Cells.. <i>Blood</i> , 2006 , 108, 1343-1343	2.2	0
3	Transcriptional and Proteomic Characterization of Telomere-Induced Senescence in a Human Alveolar Epithelial Cell Line. <i>Frontiers in Medicine</i> , 2021 , 8, 600626	4.9	0
2	Kruppel-Like Factor 4 Upregulates p21 and Downregulates Proliferation of Human and Mouse HSPCs, but Is Not Essential for Mouse HSPC Repopulation.. <i>Blood</i> , 2006 , 108, 1317-1317	2.2	
1	MicroRNA Expression and Regulation of Hematopoiesis in CD34+ Cells: A Bioinformatic Circuit Diagram of the Hematopoietic Differentiation Control.. <i>Blood</i> , 2006 , 108, 1334-1334	2.2	