Jonathan K Alder

List of Publications by Year in Descending Order

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	Thrombospondin-1 Restricts Interleukin-36–Mediated Neutrophilic Inflammation during Pseudomonas aeruginosa Pulmonary Infection. *MBio*, **2021**, 12,	7.8	1
40	Topographic heterogeneity of lung microbiota in end-stage idiopathic pulmonary fibrosis: the Microbiome in Lung Explants-2 (MiLEs-2) study. *Thorax*, **2021**, 76, 239-247	7.3	9
39	Transcriptional and Proteomic Characterization of Telomere-Induced Senescence in a Human Alveolar Epithelial Cell Line. *Frontiers in Medicine*, **2021**, 8, 600626	4.9	0
38	Rapid postmortem ventilation improves donor lung viability by extending the tolerable warm ischemic time after cardiac death in mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 321, L653-L662	5.8	1
37	Phenotypic Diversity Caused by Differential Expression of -Cre-Transgenic Alleles. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 62, 692-698	5.7	1
36	Idiopathic pulmonary fibrosis lung transplant recipients are at increased risk for EBV-associated posttransplant lymphoproliferative disorder and worse survival. *American Journal of Transplantation*, **2020**, 20, 1439-1446	8.7	1
35	Toll interacting protein protects bronchial epithelial cells from bleomycin-induced apoptosis. *FASEB Journal*, **2020**, 34, 9884-9898	0.9	13
34	Genome Editing in Zebrafish Using CRISPR-Cas9: Applications for Developmental Toxicology. *Methods in Molecular Biology*, **2019**, 1965, 235-250	1.4	2
33	Cellular Senescence: The Trojan Horse in Chronic Lung Diseases. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 21-30	5.7	25
32	GDF15 is an epithelial-derived biomarker of idiopathic pulmonary fibrosis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2019**, 317, L510-L521	5.8	25
31	RNA sequencing identifies common pathways between cigarette smoke exposure and replicative senescence in human airway epithelia. *BMC Genomics*, **2019**, 20, 22	4.5	5
30	Comparative analysis of lipid-mediated CRISPR-Cas9 genome editing techniques. *Cell Biology International*, **2018**, 42, 849-858	4.5	1
29	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	11.5	89
28	From bad to worse: when lung cancer complicates idiopathic pulmonary fibrosis. *Journal of Pathology*, **2018**, 244, 383-385	9.4	7
27	Short telomere syndromes cause a primary T cell immunodeficiency. *Journal of Clinical Investigation* , **2018**, 128, 5222-5234	15.9	45
26	Another building in the IPF Manhattan plot skyline. *Lancet Respiratory Medicine,the*, **2017**, 5, 837-839	35.1	2
25	Loss-of-function mutations in the RNA biogenesis factor NAF1 predispose to pulmonary fibrosis-emphysema. *Science Translational Medicine*, **2016**, 8, 351ra107	17.5	113

24	CRISPR-Cas9 directed knock-out of a constitutively expressed gene using lance array nanoinjection. *SpringerPlus*, **2016**, 5, 1521		6
23	Telomere dysfunction causes alveolar stem cell failure. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5099-104	11.5	187
22	Exome sequencing identifies mutant TINF2 in a family with pulmonary fibrosis. *Chest*, **2015**, 147, 1361-1368	5.9	109
21	Telomerase mutations in smokers with severe emphysema. *Journal of Clinical Investigation*, **2015**, 125, 563-70	15.9	111
20	Telomere phenotypes in females with heterozygous mutations in the dyskeratosis congenita 1 (DKC1) gene. *Human Mutation*, **2013**, 34, 1481-5	4.7	64
19	Ancestral mutation in telomerase causes defects in repeat addition processivity and manifests as familial pulmonary fibrosis. *PLoS Genetics*, **2011**, 7, e1001352	6	78
18	Syndrome complex of bone marrow failure and pulmonary fibrosis predicts germline defects in telomerase. *Blood*, **2011**, 117, 5607-11	2.2	123
17	Decreased dyskerin levels as a mechanism of telomere shortening in X-linked dyskeratosis congenita. *Journal of Medical Genetics*, **2011**, 48, 327-33	5.8	40
16	Telomere length is a determinant of emphysema susceptibility. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 904-12	10.2	183
15	Cutting edge: The transcription factor Kruppel-like factor 4 regulates the differentiation of Th17 cells independently of RORγt. *Journal of Immunology*, **2010**, 185, 7161-4	5.3	35
14	Id1 overexpression is independent of repression and epigenetic silencing of tumor suppressor genes in melanoma. *Epigenetics*, **2010**, 5, 410-21	5.7	8
13	Short telomeres are sufficient to cause the degenerative defects associated with aging. *American Journal of Human Genetics*, **2009**, 85, 823-32	11	178
12	Kruppel-like factor 4 is essential for inflammatory monocyte differentiation in vivo. *Journal of Immunology*, **2008**, 180, 5645-52	5.3	157
11	Short telomeres are a risk factor for idiopathic pulmonary fibrosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 13051-6	11.5	527
10	Telomerase mutations in families with idiopathic pulmonary fibrosis. *New England Journal of Medicine*, **2007**, 356, 1317-26	59.2	957
9	CD34+ hematopoietic stem-progenitor cell microRNA expression and function: a circuit diagram of differentiation control. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 2750-5	11.5	424
8	HES1 inhibits cycling of hematopoietic progenitor cells via DNA binding. *Stem Cells*, **2006**, 24, 876-88	5.8	84
7	Kruppel-Like Factor 4 Upregulates p21 and Downregulates Proliferation of Human and Mouse HSPCs, but Is Not Essential for Mouse HSPC Repopulation.. *Blood*, **2006**, 108, 1317-1317	2.2	

6	MicroRNA hsa-mir-16 Contributes to Regulation of Myeloid Differentiation of Human CD34+ Cells.. *Blood*, **2006**, 108, 1343-1343	2.2	0
5	MicroRNA Expression and Regulation of Hematopoiesis in CD34+ Cells: A Bioinformatic Circuit Diagram of the Hematopoietic Differentiation Control.. *Blood*, **2006**, 108, 1334-1334	2.2	
4	Rapid direct sequence analysis of the dystrophin gene. *American Journal of Human Genetics*, **2003**, 72, 931-9	11	158
3	Virulence-related surface glycoproteins in the yeast pathogen Candida glabrata are encoded in subtelomeric clusters and subject to RAP1- and SIR-dependent transcriptional silencing. *Genes and Development*, **2003**, 17, 2245-58	12.6	202
2	Common variant of human NEDD4L activates a cryptic splice site to form a frameshifted transcript. *Journal of Human Genetics*, **2002**, 47, 665-76	4.3	62
1	CD4+ T cell lymphopenia and dysfunction in severe COVID-19 disease is autocrine TNF-TNFRI-dependent		1