

Victor J Thannickal

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.

207
papers

20,884
citations

72
h-index

142
g-index

230
ext. papers

24,106
ext. citations

7.8
avg, IF

6.91
L-index

#	Paper	IF	Citations
207	Reactive oxygen species in cell signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 279, L1005-28	5.8	1898
206	The myofibroblast: one function, multiple origins. <i>American Journal of Pathology</i> , 2007 , 170, 1807-16	5.8	1516
205	Recent developments in myofibroblast biology: paradigms for connective tissue remodeling. <i>American Journal of Pathology</i> , 2012 , 180, 1340-55	5.8	878
204	miR-21 mediates fibrogenic activation of pulmonary fibroblasts and lung fibrosis. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1589-97	16.6	715
203	NADPH oxidase-4 mediates myofibroblast activation and fibrogenic responses to lung injury. <i>Nature Medicine</i> , 2009 , 15, 1077-81	50.5	625
202	Mechanisms of pulmonary fibrosis. <i>Annual Review of Medicine</i> , 2004 , 55, 395-417	17.4	491
201	Myofibroblast differentiation by transforming growth factor-beta1 is dependent on cell adhesion and integrin signaling via focal adhesion kinase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 12384-9	5.4	464
200	Host responses in tissue repair and fibrosis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2013 , 8, 241-76	34	408
199	Reversal of persistent fibrosis in aging by targeting Nox4-Nrf2 redox imbalance. <i>Science Translational Medicine</i> , 2014 , 6, 231ra47	17.5	403
198	miR-29 is a major regulator of genes associated with pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 287-94	5.7	365
197	CCR2-mediated recruitment of fibrocytes to the alveolar space after fibrotic injury. <i>American Journal of Pathology</i> , 2005 , 166, 675-84	5.8	356
196	Activation of an H2O2-generating NADH oxidase in human lung fibroblasts by transforming growth factor beta 1. <i>Journal of Biological Chemistry</i> , 1995 , 270, 30334-8	5.4	340
195	Matrix stiffness-induced myofibroblast differentiation is mediated by intrinsic mechanotransduction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 47, 340-8	5.7	324
194	Targeted injury of type II alveolar epithelial cells induces pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 254-63	10.2	322
193	Inhibition of mechanosensitive signaling in myofibroblasts ameliorates experimental pulmonary fibrosis. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1096-108	15.9	289
192	Evolving concepts of apoptosis in idiopathic pulmonary fibrosis. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 350-6		258
191	Differential protein expression profiling by iTRAQ-2DLC-MS/MS of lung cancer cells undergoing epithelial-mesenchymal transition reveals a migratory/invasive phenotype. <i>Journal of Proteome Research</i> , 2006 , 5, 1143-54	5.6	241

190	Evidence for tissue-resident mesenchymal stem cells in human adult lung from studies of transplanted allografts. <i>Journal of Clinical Investigation</i> , 2007 , 117, 989-96	15.9	231
189	Prostaglandin E2 inhibits fibroblast to myofibroblast transition via E. prostanoid receptor 2 signaling and cyclic adenosine monophosphate elevation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 29, 537-44	5.7	229
188	Metformin reverses established lung fibrosis in a bleomycin model. <i>Nature Medicine</i> , 2018 , 24, 1121-1127	30.5	228
187	Fibroblastic foci in usual interstitial pneumonia: idiopathic versus collagen vascular disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1410-5	10.2	216
186	Glycolytic Reprogramming in Myofibroblast Differentiation and Lung Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1462-74	10.2	203
185	Participation of miR-200 in pulmonary fibrosis. <i>American Journal of Pathology</i> , 2012 , 180, 484-93	5.8	201
184	Hydrogen peroxide is a diffusible paracrine signal for the induction of epithelial cell death by activated myofibroblasts. <i>FASEB Journal</i> , 2005 , 19, 854-6	0.9	201
183	Combinatorial activation of FAK and AKT by transforming growth factor-beta1 confers an anoikis-resistant phenotype to myofibroblasts. <i>Cellular Signalling</i> , 2007 , 19, 761-71	4.9	195
182	Activation of the pro-survival phosphatidylinositol 3-kinase/AKT pathway by transforming growth factor-beta1 in mesenchymal cells is mediated by p38 MAPK-dependent induction of an autocrine growth factor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 1359-67	5.4	194
181	Oxidases and peroxidases in cardiovascular and lung disease: new concepts in reactive oxygen species signaling. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1271-88	7.8	193
180	Macrophage Akt1 Kinase-Mediated Mitophagy Modulates Apoptosis Resistance and Pulmonary Fibrosis. <i>Immunity</i> , 2016 , 44, 582-596	32.3	190
179	Idiopathic interstitial pneumonia: do community and academic physicians agree on diagnosis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 1054-60	10.2	190
178	Peroxisome proliferator-activated receptor-gamma activation inhibits tumor progression in non-small-cell lung cancer. <i>Oncogene</i> , 2004 , 23, 100-8	9.2	177
177	Idiopathic pulmonary fibrosis: pathogenesis and therapeutic approaches. <i>Drugs</i> , 2004 , 64, 405-30	12.1	173
176	Pyruvate dehydrogenase kinase 1 participates in macrophage polarization via regulating glucose metabolism. <i>Journal of Immunology</i> , 2015 , 194, 6082-9	5.3	167
175	Altered DNA methylation profile in idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 525-35	10.2	163
174	Future directions in idiopathic pulmonary fibrosis research. An NHLBI workshop report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 214-22	10.2	159
173	Pathogenetic mechanisms in usual interstitial pneumonia/idiopathic pulmonary fibrosis. <i>Journal of Pathology</i> , 2003 , 201, 343-54	9.4	147

172	Fibrosis: ultimate and proximate causes. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4673-7	15.9	146
171	Role of Nox4 and Nox2 in hyperoxia-induced reactive oxygen species generation and migration of human lung endothelial cells. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 747-64	8.4	146
170	An Official American Thoracic Society Workshop Report: Use of Animal Models for the Preclinical Assessment of Potential Therapies for Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 667-679	5.7	143
169	Ras-dependent and -independent regulation of reactive oxygen species by mitogenic growth factors and TGF-beta1. <i>FASEB Journal</i> , 2000 , 14, 1741-8	0.9	128
168	What's in a name? That which we call IPF, by any other name would act the same. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	127
167	Blue journal conference. Aging and susceptibility to lung disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 261-9	10.2	123
166	miR-145 regulates myofibroblast differentiation and lung fibrosis. <i>FASEB Journal</i> , 2013 , 27, 2382-91	0.9	122
165	Developmental pathways in the pathogenesis of lung fibrosis. <i>Molecular Aspects of Medicine</i> , 2019 , 65, 56-69	16.7	117
164	Integrin alpha4beta1 regulates migration across basement membranes by lung fibroblasts: a role for phosphatase and tensin homologue deleted on chromosome 10. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 436-42	10.2	116
163	NOX enzymes and pulmonary disease. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 2505-16	8.4	115
162	Extracellular matrix in lung development, homeostasis and disease. <i>Matrix Biology</i> , 2018 , 73, 77-104	11.4	114
161	Prostaglandin E(2) induces fibroblast apoptosis by modulating multiple survival pathways. <i>FASEB Journal</i> , 2009 , 23, 4317-26	0.9	109
160	Novel Mechanisms for the Antifibrotic Action of Nintedanib. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 51-9	5.7	108
159	Azithromycin blocks neutrophil recruitment in Pseudomonas endobronchial infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 1331-9	10.2	107
158	Endothelin-1 and transforming growth factor-beta1 independently induce fibroblast resistance to apoptosis via AKT activation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 41, 484-93	5.7	106
157	Modulation of prosurvival signaling in fibroblasts by a protein kinase inhibitor protects against fibrotic tissue injury. <i>American Journal of Pathology</i> , 2005 , 166, 367-75	5.8	105
156	The monocarboxylate transporter 4 is required for glycolytic reprogramming and inflammatory response in macrophages. <i>Journal of Biological Chemistry</i> , 2015 , 290, 46-55	5.4	104
155	A randomized trial of recombinant human granulocyte-macrophage colony stimulating factor for patients with acute lung injury. <i>Critical Care Medicine</i> , 2012 , 40, 90-7	1.4	103

154	miR-27a regulates inflammatory response of macrophages by targeting IL-10. <i>Journal of Immunology</i> , 2014 , 193, 327-334	5.3	100
153	Metabolic Reprogramming Is Required for Myofibroblast Contractility and Differentiation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 25427-38	5.4	98
152	Histone deacetylase inhibition promotes fibroblast apoptosis and ameliorates pulmonary fibrosis in mice. <i>European Respiratory Journal</i> , 2014 , 43, 1448-58	13.6	97
151	Lung cells from neonates show a mesenchymal stem cell phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 1158-64	10.2	94
150	Oxidative modification of nuclear mitogen-activated protein kinase phosphatase 1 is involved in transforming growth factor beta1-induced expression of plasminogen activator inhibitor 1 in fibroblasts. <i>Journal of Biological Chemistry</i> , 2010 , 285, 16239-47	5.4	93
149	Reversible differentiation of myofibroblasts by MyoD. <i>Experimental Cell Research</i> , 2011 , 317, 1914-21	4.2	88
148	Epithelial-mesenchymal interactions in pulmonary fibrosis. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2006 , 27, 600-12	3.9	87
147	Exosomal transfer of mitochondria from airway myeloid-derived regulatory cells to T cells. <i>Redox Biology</i> , 2018 , 18, 54-64	11.3	84
146	Transforming growth factor beta1 induces alphavbeta3 integrin expression in human lung fibroblasts via a beta3 integrin-, c-Src-, and p38 MAPK-dependent pathway. <i>Journal of Biological Chemistry</i> , 2008 , 283, 12898-908	5.4	83
145	Histone modifications in senescence-associated resistance to apoptosis by oxidative stress. <i>Redox Biology</i> , 2013 , 1, 8-16	11.3	80
144	Fgf10-Hippo Epithelial-Mesenchymal Crosstalk Maintains and Recruits Lung Basal Stem Cells. <i>Developmental Cell</i> , 2017 , 43, 48-59.e5	10.2	79
143	Serpine 1 induces alveolar type II cell senescence through activating p53-p21-Rb pathway in fibrotic lung disease. <i>Aging Cell</i> , 2017 , 16, 1114-1124	9.9	79
142	Transforming growth factor-beta 1-induced activation of the ERK pathway/activator protein-1 in human lung fibroblasts requires the autocrine induction of basic fibroblast growth factor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 27650-6	5.4	79
141	Plasminogen activation induced pericellular fibronectin proteolysis promotes fibroblast apoptosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 38, 78-87	5.7	77
140	Mechanistic links between aging and lung fibrosis. <i>Biogerontology</i> , 2013 , 14, 609-15	4.5	75
139	Matrix biology of idiopathic pulmonary fibrosis: a workshop report of the national heart, lung, and blood institute. <i>American Journal of Pathology</i> , 2014 , 184, 1643-51	5.8	74
138	Relaxin regulates myofibroblast contractility and protects against lung fibrosis. <i>American Journal of Pathology</i> , 2011 , 179, 2751-65	5.8	74
137	Glutaminolysis is required for transforming growth factor- β -induced myofibroblast differentiation and activation. <i>Journal of Biological Chemistry</i> , 2018 , 293, 1218-1228	5.4	73

136	Mechanosensing by the β -integrin confers an invasive fibroblast phenotype and mediates lung fibrosis. <i>Nature Communications</i> , 2016 , 7, 12564	17.4	72
135	Airway Remodeling in Asthma. <i>Frontiers in Medicine</i> , 2020 , 7, 191	4.9	69
134	NADPH oxidases in lung health and disease. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 2838-53	8.4	69
133	Caveolin-1 deficiency protects from pulmonary fibrosis by modulating epithelial cell senescence in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 47, 28-36	5.7	69
132	Matrix Remodeling in Pulmonary Fibrosis and Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 751-60	5.7	68
131	Tyrosine phosphorylation regulates H ₂ O ₂ production in lung fibroblasts stimulated by transforming growth factor beta1. <i>Journal of Biological Chemistry</i> , 1998 , 273, 23611-5	5.4	68
130	WilmsTumor 1 (Wt1) regulates pleural mesothelial cell plasticity and transition into myofibroblasts in idiopathic pulmonary fibrosis. <i>FASEB Journal</i> , 2014 , 28, 1122-31	0.9	67
129	The natural history of progressive fibrosing interstitial lung diseases. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	67
128	NADPH Oxidase 4 (Nox4) Suppresses Mitochondrial Biogenesis and Bioenergetics in Lung Fibroblasts via a Nuclear Factor Erythroid-derived 2-like 2 (Nrf2)-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2017 , 292, 3029-3038	5.4	65
127	miR-34a Inhibits Lung Fibrosis by Inducing Lung Fibroblast Senescence. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 168-178	5.7	64
126	Unique Lipid Signatures of Extracellular Vesicles from the Airways of Asthmatics. <i>Scientific Reports</i> , 2018 , 8, 10340	4.9	64
125	Targeting NOX enzymes in pulmonary fibrosis. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 2365-71	10.3	63
124	Enhancement of antitumor immunity in lung cancer by targeting myeloid-derived suppressor cell pathways. <i>Cancer Research</i> , 2013 , 73, 6609-20	10.1	62
123	Therapeutic targeting of SRC kinase in myofibroblast differentiation and pulmonary fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 351, 87-95	4.7	61
122	Insulin-like growth factor-I receptor blockade improves outcome in mouse model of lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 212-9	10.2	60
121	Epigenetic mechanisms regulate NADPH oxidase-4 expression in cellular senescence. <i>Free Radical Biology and Medicine</i> , 2015 , 79, 197-205	7.8	57
120	Effects of the protein kinase inhibitor, imatinib mesylate, on epithelial/mesenchymal phenotypes: implications for treatment of fibrotic diseases. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 35-44	4.7	55
119	Autoimmunity to Vimentin Is Associated with Outcomes of Patients with Idiopathic Pulmonary Fibrosis. <i>Journal of Immunology</i> , 2017 , 199, 1596-1605	5.3	53

118	Oxidative protein cross-linking reactions involving L-tyrosine in transforming growth factor-beta1-stimulated fibroblasts. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17437-41	5.4	53
117	SIRT3 diminishes inflammation and mitigates endotoxin-induced acute lung injury. <i>JCI Insight</i> , 2019 , 4,	9.9	53
116	Transforming growth factor β (TGF β)-induced CD44V6-NOX4 signaling in pathogenesis of idiopathic pulmonary fibrosis. <i>Journal of Biological Chemistry</i> , 2017 , 292, 10490-10519	5.4	52
115	Pleural mesothelial cell differentiation and invasion in fibrogenic lung injury. <i>American Journal of Pathology</i> , 2013 , 182, 1239-47	5.8	52
114	Toll-like receptor 4 engagement inhibits adenosine 5Smnophosphate-activated protein kinase activation through a high mobility group box 1 protein-dependent mechanism. <i>Molecular Medicine</i> , 2012 , 18, 659-68	6.2	52
113	Upregulated expression of fibroblast growth factor (FGF) receptors by transforming growth factor-beta1 (TGF-beta1) mediates enhanced mitogenic responses to FGFs in cultured human lung fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 251, 437-41	3.4	52
112	Long noncoding RNA Malat1 regulates differential activation of macrophages and response to lung injury. <i>JCI Insight</i> , 2019 , 4,	9.9	52
111	Microbicidal activity of vascular peroxidase 1 in human plasma via generation of hypochlorous acid. <i>Infection and Immunity</i> , 2012 , 80, 2528-37	3.7	49
110	STAT4 is a critical mediator of early innate immune responses against pulmonary Klebsiella infection. <i>Journal of Immunology</i> , 2004 , 173, 4075-83	5.3	49
109	Fgf10 Signaling in Lung Development, Homeostasis, Disease, and Repair After Injury. <i>Frontiers in Genetics</i> , 2018 , 9, 418	4.5	48
108	MicroRNA-27a-3p Is a Negative Regulator of Lung Fibrosis by Targeting Myofibroblast Differentiation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 843-52	5.7	47
107	Redox mechanisms in age-related lung fibrosis. <i>Redox Biology</i> , 2016 , 9, 67-76	11.3	47
106	Heme oxygenase-1-mediated autophagy protects against pulmonary endothelial cell death and development of emphysema in cadmium-treated mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L280-92	5.8	46
105	FGF10-FGFR2B Signaling Generates Basal Cells and Drives Alveolar Epithelial Regeneration by Bronchial Epithelial Stem Cells after Lung Injury. <i>Stem Cell Reports</i> , 2019 , 12, 1041-1055	8	45
104	The matricellular protein CCN1 enhances TGF- β /SMAD3-dependent profibrotic signaling in fibroblasts and contributes to fibrogenic responses to lung injury. <i>FASEB Journal</i> , 2016 , 30, 2135-50	0.9	45
103	Oxidative Stress in Pulmonary Fibrosis. <i>Comprehensive Physiology</i> , 2020 , 10, 509-547	7.7	44
102	Nuclear Factor-Erythroid-2-Related Factor 2 in Aging and Lung Fibrosis. <i>American Journal of Pathology</i> , 2016 , 186, 1712-23	5.8	44
101	Histone deacetylase inhibition downregulates collagen 3A1 in fibrotic lung fibroblasts. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 19605-17	6.3	43

100	New insights into the pathogenesis and treatment of idiopathic pulmonary fibrosis. <i>Drugs</i> , 2011 , 71, 981-1001	12.1	43
99	A far-upstream AP-1/Smad binding box regulates human NOX4 promoter activation by transforming growth factor- β . <i>Gene</i> , 2014 , 540, 62-7	3.8	42
98	Indoleamine 2,3-dioxygenase regulates anti-tumor immunity in lung cancer by metabolic reprogramming of immune cells in the tumor microenvironment. <i>Oncotarget</i> , 2016 , 7, 75407-75424	3.3	41
97	Fibronectin on the Surface of Extracellular Vesicles Mediates Fibroblast Invasion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 279-288	5.7	41
96	Mechanisms for the Resolution of Organ Fibrosis. <i>Physiology</i> , 2019 , 34, 43-55	9.8	41
95	The Aging Lung and Idiopathic Pulmonary Fibrosis. <i>American Journal of the Medical Sciences</i> , 2019 , 357, 384-389	2.2	40
94	Caveolin-1 regulates dorsoventral patterning through direct interaction with beta-catenin in zebrafish. <i>Developmental Biology</i> , 2010 , 344, 210-23	3.1	40
93	Idiopathic pulmonary fibrosis : new concepts in pathogenesis and implications for drug therapy. <i>Treatments in Respiratory Medicine</i> , 2006 , 5, 325-42		39
92	miR-34a promotes fibrosis in aged lungs by inducing alveolarepithelial dysfunctions. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L415-L424	5.8	38
91	Mitochondrial Dysfunction in Pulmonary Fibrosis. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S383-S388	4.7	37
90	Vimentin intermediate filament assembly regulates fibroblast invasion in fibrogenic lung injury. <i>JCI Insight</i> , 2019 , 4,	9.9	36
89	Vascular peroxidase 1 catalyzes the formation of hypohalous acids: characterization of its substrate specificity and enzymatic properties. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 1954-9	7.8	36
88	Heritability of pulmonary function estimated from pedigree and whole-genome markers. <i>Frontiers in Genetics</i> , 2013 , 4, 174	4.5	36
87	Negative regulation of NADPH oxidase 4 by hydrogen peroxide-inducible clone 5 (Hic-5) protein. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18270-8	5.4	35
86	Protein kinase inhibitors in the treatment of pulmonary fibrosis. <i>Current Medicinal Chemistry</i> , 2008 , 15, 2632-40	4.3	35
85	Developmental Reprogramming in Mesenchymal Stromal Cells of Human Subjects with Idiopathic Pulmonary Fibrosis. <i>Scientific Reports</i> , 2016 , 6, 37445	4.9	34
84	SMAD-independent down-regulation of caveolin-1 by TGF- β effects on proliferation and survival of myofibroblasts. <i>PLoS ONE</i> , 2015 , 10, e0116995	3.7	34
83	Alveolar epithelial disintegrity in pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L185-91	5.8	34

82	Idiopathic pulmonary fibrosis: emerging concepts on pharmacotherapy. <i>Expert Opinion on Pharmacotherapy</i> , 2004 , 5, 1671-86	4	33
81	Transforming growth factor β (TGF β) regulates CD44V6 expression and activity through extracellular signal-regulated kinase (ERK)-induced EGR1 in pulmonary fibrogenic fibroblasts. <i>Journal of Biological Chemistry</i> , 2017 , 292, 10465-10489	5.4	32
80	miR-31 is a negative regulator of fibrogenesis and pulmonary fibrosis. <i>FASEB Journal</i> , 2012 , 26, 3790-9	0.9	32
79	Targeted Therapy for Idiopathic Pulmonary Fibrosis: Where To Now?. <i>Drugs</i> , 2016 , 76, 291-300	12.1	31
78	Mechanisms of pulmonary fibrosis: role of activated myofibroblasts and NADPH oxidase. <i>Fibrogenesis and Tissue Repair</i> , 2012 , 5, S23		31
77	Metabolomics to Predict Antiviral Drug Efficacy in COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 396-398	5.7	30
76	PAI-1 Regulation of TGF- β -induced Alveolar Type II Cell Senescence, SASP Secretion, and SASP-mediated Activation of Alveolar Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 319-330	5.7	29
75	Systemic sclerosis-associated fibrosis: an accelerated aging phenotype?. <i>Current Opinion in Rheumatology</i> , 2015 , 27, 571-6	5.3	28
74	Vascular peroxidase-1 is rapidly secreted, circulates in plasma, and supports dityrosine cross-linking reactions. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1445-53	7.8	28
73	Idiopathic pulmonary fibrosis: a disorder of lung regeneration?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 663-5	10.2	27
72	DNA methylation regulated gene expression in organ fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2389-2397	6.9	26
71	Oxidative Modifications of Protein Tyrosyl Residues Are Increased in Plasma of Human Subjects with Interstitial Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 861-8	10.2	26
70	3D pulmospheres serve as a personalized and predictive multicellular model for assessment of antifibrotic drugs. <i>JCI Insight</i> , 2017 , 2, e91377	9.9	25
69	Glutaminolysis Epigenetically Regulates Antiapoptotic Gene Expression in Idiopathic Pulmonary Fibrosis Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 49-57	5.7	25
68	Aging, antagonistic pleiotropy and fibrotic disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1398-400	5.6	25
67	Hippo signaling promotes lung epithelial lineage commitment by curbing Fgf10 and β catenin signaling. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	25
66	Platelet-derived growth factor-induced p42/44 mitogen-activated protein kinase activation and cellular growth is mediated by reactive oxygen species in the absence of TSC2/tuberin. <i>Cancer Research</i> , 2005 , 65, 10881-90	10.1	23
65	Noninvasive imaging of experimental lung fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 8-13	5.7	22

64	Impaired Myofibroblast Dedifferentiation Contributes to Nonresolving Fibrosis in Aging. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 633-644	5.7	22
63	Epigenetic Regulation of Caveolin-1 Gene Expression in Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 50-61	5.7	22
62	Vitronectin inhibits efferocytosis through interactions with apoptotic cells as well as with macrophages. <i>Journal of Immunology</i> , 2013 , 190, 2273-81	5.3	22
61	Role of fibroblast growth factor 23 and klotho cross talk in idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L141-L154	5.8	21
60	NOX4 modulates macrophage phenotype and mitochondrial biogenesis in asbestosis. <i>JCI Insight</i> , 2019 , 4,	9.9	21
59	Reversing Mechanoinductive DSP Expression by CRISPR/dCas9-mediated Epigenome Editing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 599-609	10.2	20
58	Brd4-p300 inhibition downregulates Nox4 and accelerates lung fibrosis resolution in aged mice. <i>JCI Insight</i> , 2020 , 5,	9.9	20
57	Focal adhesion kinase signaling determines the fate of lung epithelial cells in response to TGF- β . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L926-L935	5.8	18
56	Low-dose cadmium exposure induces peribronchiolar fibrosis through site-specific phosphorylation of vimentin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L80-L91	5.8	17
55	ATF4 Mediates Mitochondrial Unfolded Protein Response in Alveolar Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 478-489	5.7	17
54	Nonresolving fibrotic disorders: idiopathic pulmonary fibrosis as a paradigm of impaired tissue regeneration. <i>American Journal of the Medical Sciences</i> , 2011 , 341, 431-4	2.2	17
53	Innovative approaches to the therapy of fibrosis. <i>Current Opinion in Rheumatology</i> , 2009 , 21, 649-55	5.3	17
52	Elevated levels of NO are localized to distal airways in asthma. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1679-88	7.8	15
51	Emerging drugs for idiopathic pulmonary fibrosis. <i>Expert Opinion on Emerging Drugs</i> , 2005 , 10, 707-27	3.7	15
50	Regulation of fibroblast Fas expression by soluble and mechanical pro-fibrotic stimuli. <i>Respiratory Research</i> , 2018 , 19, 91	7.3	14
49	Mesenchymal cell fate and phenotypes in the pathogenesis of emphysema. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2009 , 6, 201-10	2	14
48	Heme oxygenase-1 protects corexit 9500A-induced respiratory epithelial injury across species. <i>PLoS ONE</i> , 2015 , 10, e0122275	3.7	14
47	Citrullinated vimentin mediates development and progression of lung fibrosis. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	14

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