Jeffrey Craig Horowitz

List of Publications by Citations

58 papers	4,877 citations	33 h-index	61 g-index
61 ext. papers	5,615 ext. citations	6.2 avg, IF	5.16 L-index

#	Paper	IF	Citations
58	NADPH oxidase-4 mediates myofibroblast activation and fibrogenic responses to lung injury. *Nature Medicine*, **2009**, 15, 1077-81	50.5	625
57	Myofibroblast differentiation by transforming growth factor-beta1 is dependent on cell adhesion and integrin signaling via focal adhesion kinase. *Journal of Biological Chemistry*, **2003**, 278, 12384-9	5.4	464
56	Acellular normal and fibrotic human lung matrices as a culture system for in vitro investigation. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 866-76	10.2	406
55	Mechanosignaling through YAP and TAZ drives fibroblast activation and fibrosis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 308, L344-57	5.8	392
54	Evolving concepts of apoptosis in idiopathic pulmonary fibrosis. *Proceedings of the American Thoracic Society*, **2006**, 3, 350-6		258
53	Hydrogen peroxide is a diffusible paracrine signal for the induction of epithelial cell death by activated myofibroblasts. *FASEB Journal*, **2005**, 19, 854-6	0.9	201
52	Combinatorial activation of FAK and AKT by transforming growth factor-beta1 confers an anoikis-resistant phenotype to myofibroblasts. *Cellular Signalling*, **2007**, 19, 761-71	4.9	195
51	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. *Journal of Biological Chemistry*, **2004**, 279, 1359-67	5.4	194
50	Future directions in idiopathic pulmonary fibrosis research. An NHLBI workshop report. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 214-22	10.2	159
49	Extracellular matrix in lung development, homeostasis and disease. *Matrix Biology*, **2018**, 73, 77-104	11.4	114
48	Prostaglandin E(2) induces fibroblast apoptosis by modulating multiple survival pathways. *FASEB Journal*, **2009**, 23, 4317-26	0.9	109
47	Inhibition of myocardin-related transcription factor/serum response factor signaling decreases lung fibrosis and promotes mesenchymal cell apoptosis. *American Journal of Pathology*, **2015**, 185, 969-86	5.8	108
46	Endothelin-1 and transforming growth factor-beta1 independently induce fibroblast resistance to apoptosis via AKT activation. *American Journal of Respiratory Cell and Molecular Biology*, **2009**, 41, 484-93	5.7	106
45	Modulation of prosurvival signaling in fibroblasts by a protein kinase inhibitor protects against fibrotic tissue injury. *American Journal of Pathology*, **2005**, 166, 367-75	5.8	105
44	Histone modifications are responsible for decreased Fas expression and apoptosis resistance in fibrotic lung fibroblasts. *Cell Death and Disease*, **2013**, 4, e621	9.8	96
43	Matrix stiffness corresponding to strictured bowel induces a fibrogenic response in human colonic fibroblasts. *Inflammatory Bowel Diseases*, **2013**, 19, 891-903	4.5	91
42	Epithelial-mesenchymal interactions in pulmonary fibrosis. *Seminars in Respiratory and Critical Care Medicine*, **2006**, 27, 600-12	3.9	87

41	Plasminogen activation induced pericellular fibronectin proteolysis promotes fibroblast apoptosis. *American Journal of Respiratory Cell and Molecular Biology*, **2008**, 38, 78-87	5.7	77
40	Implicating exudate macrophages and Ly-6C(high) monocytes in CCR2-dependent lung fibrosis following gene-targeted alveolar injury. *Journal of Immunology*, **2013**, 190, 3447-57	5.3	76
39	Matrix biology of idiopathic pulmonary fibrosis: a workshop report of the national heart, lung, and blood institute. *American Journal of Pathology*, **2014**, 184, 1643-51	5.8	74
38	Intestinal fibrosis is reduced by early elimination of inflammation in a mouse model of IBD: impact of a "Top-Down" approach to intestinal fibrosis in mice. *Inflammatory Bowel Diseases*, **2012**, 18, 460-71	4.5	74
37	Survivin expression induced by endothelin-1 promotes myofibroblast resistance to apoptosis. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 158-69	5.6	60
36	Activated alveolar epithelial cells initiate fibrosis through autocrine and paracrine secretion of connective tissue growth factor. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2014**, 306, L786-96	5.8	58
35	Effects of the protein kinase inhibitor, imatinib mesylate, on epithelial/mesenchymal phenotypes: implications for treatment of fibrotic diseases. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 321, 35-44	4.7	55
34	X-linked inhibitor of apoptosis regulates lung fibroblast resistance to Fas-mediated apoptosis. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 49, 86-95	5.7	51
33	Increased survivin expression contributes to apoptosis-resistance in IPF fibroblasts. *Advances in Bioscience and Biotechnology (Print)*, **2012**, 3, 657-664	0.9	50
32	PAI-1 promotes the accumulation of exudate macrophages and worsens pulmonary fibrosis following type II alveolar epithelial cell injury. *Journal of Pathology*, **2012**, 228, 170-80	9.4	47
31	Constitutive activation of prosurvival signaling in alveolar mesenchymal cells isolated from patients with nonresolving acute respiratory distress syndrome. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2006**, 290, L415-25	5.8	47
30	The vitronectin-binding function of PAI-1 exacerbates lung fibrosis in mice. *Blood*, **2011**, 118, 2313-21	2.2	42
29	Mechanisms for the Resolution of Organ Fibrosis. *Physiology*, **2019**, 34, 43-55	9.8	41
28	Idiopathic pulmonary fibrosis : new concepts in pathogenesis and implications for drug therapy. *Treatments in Respiratory Medicine*, **2006**, 5, 325-42		39
27	Developmental Reprogramming in Mesenchymal Stromal Cells of Human Subjects with Idiopathic Pulmonary Fibrosis. *Scientific Reports*, **2016**, 6, 37445	4.9	34
26	SMAD-independent down-regulation of caveolin-1 by TGF- effects on proliferation and survival of myofibroblasts. *PLoS ONE*, **2015**, 10, e0116995	3.7	34
25	Pulmonary fibrosis induced by herpesvirus in aged mice is associated with increased fibroblast responsiveness to transforming growth factor- *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2012**, 67, 714-25	6.4	33
24	Targeting Inhibitor of Apoptosis Proteins Protects from Bleomycin-Induced Lung Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2016**, 54, 482-92	5.7	30

23	Glutaminolysis Epigenetically Regulates Antiapoptotic Gene Expression in Idiopathic Pulmonary Fibrosis Fibroblasts. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 60, 49-57	5.7	25
22	The vitronectin RGD motif regulates TGF-β-induced alveolar epithelial cell apoptosis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 310, L1206-17	5.8	21
21	Phosphodiesterase 4 inhibition reduces lung fibrosis following targeted type II alveolar epithelial cell injury. *Physiological Reports*, **2018**, 6, e13753	2.6	20
20	Discoidin Domain Receptor 2 Signaling Regulates Fibroblast Apoptosis through PDK1/Akt. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 59, 295-305	5.7	19
19	Fibroblast growth factors and pulmonary fibrosis: it's more complex than it sounds. *Journal of Pathology*, **2017**, 241, 6-9	9.4	19
18	TLR signaling prevents hyperoxia-induced lung injury by protecting the alveolar epithelium from oxidant-mediated death. *Journal of Immunology*, **2012**, 189, 356-64	5.3	19
17	Focal adhesion kinase signaling determines the fate of lung epithelial cells in response to TGF-β *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 312, L926-L935	5.8	18
16	"Scar-cinoma": viewing the fibrotic lung mesenchymal cell in the context of cancer biology. *European Respiratory Journal*, **2016**, 47, 1842-54	13.6	18
15	Regulation of fibroblast Fas expression by soluble and mechanical pro-fibrotic stimuli. *Respiratory Research*, **2018**, 19, 91	7.3	14
14	Mesenchymal cell fate and phenotypes in the pathogenesis of emphysema. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2009**, 6, 201-10	2	14
13	Endobronchial biopsy of an intrapulmonary arterial mass. *Journal of Bronchology and Interventional Pulmonology*, **2013**, 20, 93-5	1.8	8
12	Ultrasound Strain Measurements for Evaluating Local Pulmonary Ventilation. *Ultrasound in Medicine and Biology*, **2016**, 42, 2525-2531	3.5	8
11	Smoking history, and not depression, is related to deficits in detection of happy and sad faces. *Addictive Behaviors*, **2015**, 41, 210-7	4.2	7
10	Urokinase Plasminogen Activator Overexpression Reverses Established Lung Fibrosis. *Thrombosis and Haemostasis*, **2019**, 119, 1968-1980	7	6
9	Prostaglandin E2's new trick: "decider" of differential alveolar cell life and death. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 182, 2-3	10.2	6
8	Phlegmasia cerulea dolens: a rare cause of shock. *Respirology Case Reports*, **2019**, 7, e00424	0.9	5
7	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report.. *American Journal of Respiratory Cell and Molecular Biology*, **2022**, 66, e1-e14	5.7	5
6	Outstaying their Welcome: The Persistent Myofibroblast in IPF **2014**, 1, 3		4

List of Publications

5	Plakoglobin expression in fibroblasts and its role in idiopathic pulmonary fibrosis. *BMC Pulmonary Medicine*, **2015**, 15, 140	3.5	3
4	Stress in the ER (endoplasmic reticulum): a matter of life and death for epithelial cells. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 782-3	10.2	2
3	Idiopathic pulmonary fibrosis: What primary care physicians need to know. *Cleveland Clinic Journal of Medicine*, **2018**, 85, 377-386	2.8	2
2	Biomechanical Force and Cellular Stiffness in Lung Fibrosis.. *American Journal of Pathology*, **2022**,	5.8	2
1	Fibroblast biology in idiopathic pulmonary fibrosis **2015**, 98-117		