Jiurong Liang

List of Publications by Year
in descending order

60 papers	8,313 citations	117625 34 h-index	144013 57 g-index
66 all docs	66 docs citations	66 times ranked	10760 citing authors

#	Article	IF	Citations
1	Regulation of lung injury and repair by Toll-like receptors and hyaluronan. Nature Medicine, 2005, 11, 1173-1179.	30.7	1,291
2	Multiple stromal populations contribute to pulmonary fibrosis without evidence for epithelial to mesenchymal transition. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1475-83.	7.1	849
3	Hyaluronan as an Immune Regulator in Human Diseases. Physiological Reviews, 2011, 91, 221-264.	28.8	848
4	Hyaluronan in Tissue Injury and Repair. Annual Review of Cell and Developmental Biology, 2007, 23, 435-461.	9.4	727
5	Resolution of Lung Inflammation by CD44. Science, 2002, 296, 155-158.	12.6	611
6	Single-Cell Deconvolution of Fibroblast Heterogeneity in Mouse Pulmonary Fibrosis. Cell Reports, 2018, 22, 3625-3640.	6.4	392
7	Severe lung fibrosis requires an invasive fibroblast phenotype regulated by hyaluronan and CD44. Journal of Experimental Medicine, 2011, 208, 1459-1471.	8.5	322
8	Regulation of pulmonary fibrosis by chemokine receptor CXCR3. Journal of Clinical Investigation, 2004, 114, 291-299.	8.2	276
9	Hyaluronan and TLR4 promote surfactant-protein-C-positive alveolar progenitor cell renewal and prevent severe pulmonary fibrosis in mice. Nature Medicine, 2016, 22, 1285-1293.	30.7	211
10	Interleukin-11 is a therapeutic target in idiopathic pulmonary fibrosis. Science Translational Medicine, 2019, 11, .	12.4	189
11	Airway Epithelial Progenitors Are Region Specific and Show Differential Responses to Bleomycin-Induced Lung Injury. Stem Cells, 2012, 30, 1948-1960.	3.2	171
12	Hyaluronan as a therapeutic target in human diseases. Advanced Drug Delivery Reviews, 2016, 97, 186-203.	13.7	167
13	Extracellular Superoxide Dismutase Inhibits Inflammation by Preventing Oxidative Fragmentation of Hyaluronan. Journal of Biological Chemistry, 2008, 283, 6058-6066.	3.4	159
14	Inhibition of pulmonary fibrosis in mice by CXCL10 requires glycosaminoglycan binding and syndecan-4. Journal of Clinical Investigation, 2010, 120, 2049-2057.	8.2	140
15	Blocking follistatin-like 1 attenuates bleomycin-induced pulmonary fibrosis in mice. Journal of Experimental Medicine, 2015, 212, 235-252.	8.5	130
16	The role of Toll-like receptors in non-infectious lung injury. Cell Research, 2006, 16, 693-701.	12.0	129
17	CD44 Is a Negative Regulator of Acute Pulmonary Inflammation and Lipopolysaccharide-TLR Signaling in Mouse Macrophages. Journal of Immunology, 2007, 178, 2469-2475.	0.8	127
18	Transcription factor TBX4 regulates myofibroblast accumulation and lung fibrosis. Journal of Clinical Investigation, 2016, 126, 3063-3079.	8.2	101

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19	Comprehensive microRNA analysis in bleomycin-induced pulmonary fibrosis identifies multiple sites of molecular regulation. Physiological Genomics, 2011, 43, 479-487.	2.3	95
20	MicroRNA-127 Inhibits Lung Inflammation by Targeting IgG FcÎ³ Receptor I. Journal of Immunology, 2012, 188, 2437-2444.	0.8	93
21	Hyaluronan synthase 2â€“mediated hyaluronan production mediates Notch1 activation and liver fibrosis. Science Translational Medicine, 2019, 11, .	12.4	91
22	Role of hyaluronan and hyaluronan-binding proteins inÂhuman asthma. Journal of Allergy and Clinical Immunology, 2011, 128, 403-411.e3.	2.9	89
23	Î²-Arrestin Deficiency Protects Against Pulmonary Fibrosis in Mice and Prevents Fibroblast Invasion of Extracellular Matrix. Science Translational Medicine, 2011, 3, 74ra23.	12.4	81
24	Hyaluronan synthase 2 regulates fibroblast senescence in pulmonary fibrosis. Matrix Biology, 2016, 55, 35-48.	3.6	72
25	Group B Streptococcus Evades Host Immunity by Degrading Hyaluronan. Cell Host and Microbe, 2015, 18, 694-704.	11.0	66
26	PD-L1 on invasive fibroblasts drives fibrosis in a humanized model of idiopathic pulmonary fibrosis. JCI Insight, 2019, 4, .	5.0	64
27	Recruited Exudative Macrophages Selectively Produce CXCL10 after Noninfectious Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 781-788.	2.9	57
28	Regulation of Nonâ€Infectious Lung Injury, Inflammation, and Repair by the Extracellular Matrix Glycosaminoglycan Hyaluronan. Anatomical Record, 2010, 293, 982-985.	1.4	54
29	MicroRNA-29c Prevents Pulmonary Fibrosis by Regulating Epithelial Cell Renewal and Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 721-732.	2.9	46
30	Categorization of lung mesenchymal cells in development and fibrosis. IScience, 2021, 24, 102551.	4.1	46
31	A macrophage subpopulation recruited by CC chemokine ligand-2 clears apoptotic cells in noninfectious lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L933-L940.	2.9	45
32	miR-130b-3p Modulates Epithelial-Mesenchymal Crosstalk in Lung Fibrosis by Targeting IGF-1. PLoS ONE, 2016, 11, e0150418.	2.5	45
33	CD44 Deficiency Is Associated with Increased Bacterial Clearance but Enhanced Lung Inflammation During Gram-Negative Pneumonia. American Journal of Pathology, 2010, 177, 2483-2494.	3.8	43
34	Down-regulation of USP13 mediates phenotype transformation of fibroblasts in idiopathic pulmonary fibrosis. Respiratory Research, 2015, 16, 124.	3.6	39
35	The ZIP8/SIRT1 axis regulates alveolar progenitor cell renewal in aging and idiopathic pulmonary fibrosis. Journal of Clinical Investigation, 2022, 132, .	8.2	37
36	Chronic treatment <i>in vivo</i> with Î²â€adrenoceptor agonists induces dysfunction of airway Î²₂â€adrenoceptors and exacerbates lung inflammation in mice. British Journal of Pharmacology, 2012, 165, 2365-2377.	5.4	36

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37	Autocrine Transforming Growth Factor Î± Provides a Growth Advantage to Malignant Cells by Facilitating Re-entry into the Cell Cycle from Suboptimal Growth States. Journal of Biological Chemistry, 1998, 273, 31471-31479.	3.4	35
38	Methylation-mediated BMPER expression in fibroblast activation in vitro and lung fibrosis in mice in vivo. Scientific Reports, 2015, 5, 14910.	3.3	35
39	Defective cleavage of membrane bound TGFÎ± leads to enhanced activation of the EGF receptor in malignant cells. Oncogene, 2000, 19, 1901-1914.	5.9	27
40	Expression of transforming growth factor-Î² receptor type II and tumorigenicity in human breast adenocarcinoma MCF-7 cells. Journal of Cellular Physiology, 1998, 176, 424-434.	4.1	21
41	Î²-Arrestins in the Immune System. Progress in Molecular Biology and Translational Science, 2013, 118, 359-393.	1.7	21
42	CD44high alveolar type II cells show stem cell properties during steady-state alveolar homeostasis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L41-L51.	2.9	18
43	Mitogen-activated Protein Kinaseâ€“activated Protein Kinase 2 Inhibition Attenuates Fibroblast Invasion and Severe Lung Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 41-48.	2.9	18
44	Targeting FSTL1 for Multiple Fibrotic and Systemic Autoimmune Diseases. Molecular Therapy, 2021, 29, 347-364.	8.2	18
45	Expression of TGFÎ± autocrine activity in human colon carcinoma CBS cells is autoregulated and independent of exogenous epidermal growth factor. Journal of Cellular Physiology, 1998, 175, 174-183.	4.1	17
46	Meta-Analysis of Genetic Programs between Idiopathic Pulmonary Fibrosis and Sarcoidosis. PLoS ONE, 2013, 8, e71059.	2.5	17
47	A Long Noncoding RNA links TGF-Î² Signaling in Lung Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 123-125.	5.6	15
48	Fibrinolytic niche is required for alveolar type 2 cell-mediated alveologenesis via a uPA-A6-CD44+-ENaC signal cascade. Signal Transduction and Targeted Therapy, 2021, 6, 97.	17.1	13
49	Long-Term Exposure of Chemokine CXCL10 Causes Bronchiolitis-like Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 592-598.	2.9	12
50	Proliferative regulation of alveolar epithelial type 2 progenitor cells by human <i>Scnn1d</i> gene. Theranostics, 2019, 9, 8155-8170.	10.0	12
51	Mesenchymal growth hormone receptor deficiency leads to failure of alveolar progenitor cell function and severe pulmonary fibrosis. Science Advances, 2021, 7, .	10.3	10
52	G protein-coupled receptor 56 regulates matrix production and motility of lung fibroblasts. Experimental Biology and Medicine, 2014, 239, 686-696.	2.4	8
53	Tsp1 promotes alveolar stem cell proliferation and its down-regulation relates to lung inflammation in intralobar pulmonary sequestration. Oncotarget, 2017, 8, 64867-64877.	1.8	8
54	Apical Secretion of FSTL1 in the Respiratory Epithelium for Normal Lung Development. PLoS ONE, 2016, 11, e0158385.	2.5	5

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55	Targeted <i>HAS2</i> Expression Lessens Airway Responsiveness in Chronic Murine Allergic Airway Disease. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 702-710.	2.9	5
56	Stem Cells and Progenitor Cells in Interstitial Lung Disease. , 2022, , 158-168.		2
57	Expression of transforming growth factorâ€Î² receptor type II and tumorigenicity in human breast adenocarcinoma MCFâ€7 cells. Journal of Cellular Physiology, 1998, 176, 424-434.	4.1	1
58	Severe lung fibrosis requires an invasive fibroblast phenotype regulated by hyaluronan and CD44. Journal of Cell Biology, 2011, 194, i3-i3.	5.2	0
59	Blocking follistatin-like 1 attenuates bleomycin-induced pulmonary fibrosis in mice. Journal of Cell Biology, 2015, 208, 2082OIA1.	5.2	0
60	Innate Immune Regulation of Lung Injury and Repair. , 2006, , 110-117.		0