Harold A Chapman

List of Publications by Year
in descending order

53 papers	8,754 citations	81900 39 h-index	182427 51 g-index
58 all docs	58 docs citations	58 times ranked	10132 citing authors

#	Article	IF	Citations
1	Alveolar epithelial cell mesenchymal transition develops <i>in vivo</i> during pulmonary fibrosis and is regulated by the extracellular matrix. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13180-13185.	7.1	1,118
2	Repair and Regeneration of the Respiratory System: Complexity, Plasticity, and Mechanisms of Lung Stem Cell Function. Cell Stem Cell, 2014, 15, 123-138.	11.1	748
3	Lineage-negative progenitors mobilize to regenerate lung epithelium after major injury. Nature, 2015, 517, 621-625.	27.8	562
4	Essential Role for Cathepsin S in MHC Class IIâ€"Associated Invariant Chain Processing and Peptide Loading. Immunity, 1996, 4, 357-366.	14.3	502
5	TGF-Î²1 Signaling and Tissue Fibrosis. Cold Spring Harbor Perspectives in Biology, 2018, 10, a022293.	5.5	432
6	Integrin Î±6Î²4 identifies an adult distal lung epithelial population with regenerative potential in mice. Journal of Clinical Investigation, 2011, 121, 2855-2862.	8.2	379
7	Alveolar regeneration through a Krt8+ transitional stem cell state that persists in human lung fibrosis. Nature Communications, 2020, 11, 3559.	12.8	378
8	Epithelial cell Î±3Î²1 integrin links Î²-catenin and Smad signaling to promote myofibroblast formation and pulmonary fibrosis. Journal of Clinical Investigation, 2009, 119, 213-24.	8.2	342
9	Epithelial-Mesenchymal Interactions in Pulmonary Fibrosis. Annual Review of Physiology, 2011, 73, 413-435.	13.1	337
10	Cross-Class Inhibition of the Cysteine Proteinases Cathepsins K, L, and S by the Serpin Squamous Cell Carcinoma Antigen 1:â€‰ A Kinetic Analysis. Biochemistry, 1998, 37, 5258-5266.	2.5	264
11	Collagen promotes anti-PD-1/PD-L1 resistance in cancer through LAIR1-dependent CD8+ T cell exhaustion. Nature Communications, 2020, 11, 4520.	12.8	218
12	Role for Cathepsin F in Invariant Chain Processing and Major Histocompatibility Complex Class II Peptide Loading by Macrophages. Journal of Experimental Medicine, 2000, 191, 1177-1186.	8.5	216
13	The transforming growth factor-Â1 (TGFB1) gene is associated with chronic obstructive pulmonary disease (COPD). Human Molecular Genetics, 2004, 13, 1649-1656.	2.9	203
14	Local lung hypoxia determines epithelial fate decisions during alveolar regeneration. Nature Cell Biology, 2017, 19, 904-914.	10.3	202
15	Cathepsins and compartmentalization in antigen presentation. Current Opinion in Immunology, 2000, 12, 107-113.	5.5	200
16	Extracellular matrix in lung development, homeostasis and disease. Matrix Biology, 2018, 73, 77-104.	3.6	200
17	Yap/Taz regulate alveolar regeneration and resolution of lung inflammation. Journal of Clinical Investigation, 2019, 129, 2107-2122.	8.2	178
18	Disorders of lung matrix remodeling. Journal of Clinical Investigation, 2004, 113, 148-157.	8.2	165

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19	Integrin Î±3Î²1â€"dependent Î²-catenin phosphorylation links epithelial Smad signaling to cell contacts. Journal of Cell Biology, 2009, 184, 309-322.	5.2	161
20	Distinct Airway Epithelial Stem Cells Hide among Club Cells but Mobilize to Promote Alveolar Regeneration. Cell Stem Cell, 2020, 26, 346-358.e4.	11.1	151
21	Alveolar epithelial cells express mesenchymal proteins in patients with idiopathic pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L71-L78.	2.9	135
22	Fibroblast-specific inhibition of TGF-Î²1 signaling attenuates lung and tumor fibrosis. Journal of Clinical Investigation, 2017, 127, 3675-3688.	8.2	135
23	Human distal airways contain a multipotent secretory cell that can regenerate alveoli. Nature, 2022, 604, 120-126.	27.8	128
24	Human alveolar type 2 epithelium transdifferentiates into metaplastic KRT5+ basal cells. Nature Cell Biology, 2022, 24, 10-23.	10.3	108
25	Endosomal proteases in antigen presentation. Current Opinion in Immunology, 2006, 18, 78-84.	5.5	106
26	Hypoxia-Inducible Factor 1Î± Signaling Promotes Repair of the Alveolar Epithelium after Acute Lung Injury. American Journal of Pathology, 2017, 187, 1772-1786.	3.8	86
27	Axin Pathway Activity Regulates in Vivo pY654-Î²-catenin Accumulation and Pulmonary Fibrosis. Journal of Biological Chemistry, 2012, 287, 5164-5172.	3.4	83
28	Regulation of CD1 Function and NK1.1+ T Cell Selection and Maturation by Cathepsin S. Immunity, 2001, 15, 909-919.	14.3	75
29	Activated Alveolar Epithelial Cells Initiate Fibrosis through Secretion of Mesenchymal Proteins. American Journal of Pathology, 2013, 183, 1559-1570.	3.8	75
30	Secretion of leukotrienes by senescent lung fibroblasts promotes pulmonary fibrosis. JCI Insight, 2019, 4, .	5.0	69
31	Role of Enzymes Mediating Thrombosis and Thrombolysis in Lung Disease. Chest, 1988, 93, 1256-1263.	0.8	65
32	Innate Antiviral Host Defense Attenuates TGF-Î² Function through IRF3-Mediated Suppression of Smad Signaling. Molecular Cell, 2014, 56, 723-737.	9.7	64
33	Expansion of hedgehog disrupts mesenchymal identity and induces emphysema phenotype. Journal of Clinical Investigation, 2018, 128, 4343-4358.	8.2	64
34	Gli1+ mesenchymal stromal cells form a pathological niche to promote airway progenitor metaplasia in the fibrotic lung. Nature Cell Biology, 2020, 22, 1295-1306.	10.3	62
35	Cathepsin S Is Required for Murine Autoimmune Myasthenia Gravis Pathogenesis. Journal of Immunology, 2005, 174, 1729-1737.	0.8	56
36	Functional Relevance of Urinary-type Plasminogen Activator Receptor-Î±3Î²1 Integrin Association in Proteinase Regulatory Pathways. Journal of Biological Chemistry, 2006, 281, 13021-13029.	3.4	52

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37	Small molecule inhibition of IRE1Î± kinase/RNase has anti-fibrotic effects in the lung. PLoS ONE, 2019, 14, e0209824.	2.5	51
38	Inhibition of Epithelial-to-Mesenchymal Transition and Pulmonary Fibrosis by Methacycline. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 51-60.	2.9	46
39	Regenerative activity of the lung after epithelial injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 922-930.	3.8	46
40	Reversal of TGFÎ²1-Driven Profibrotic State in Patients with Pulmonary Fibrosis. New England Journal of Medicine, 2020, 382, 1068-1070.	27.0	42
41	Cell Plasticity in Lung Injury and Repair: Report from an NHLBI Workshop, April 19-20, 2010. Proceedings of the American Thoracic Society, 2011, 8, 215-222.	3.5	36
42	Urokinase-type Plasminogen Activator Receptor (uPAR) Ligation Induces a Raft-localized Integrin Signaling Switch That Mediates the Hypermotile Phenotype of Fibrotic Fibroblasts. Journal of Biological Chemistry, 2014, 289, 12791-12804.	3.4	32
43	Cell Therapy for Lung Diseases. Report from an NIHâ€"NHLBI Workshop, November 13â€"14, 2012. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 370-375.	5.6	29
44	Blocking LOXL2 and TGFÎ²1 signalling induces collagen I turnover in precision-cut lung slices derived from patients with idiopathic pulmonary fibrosis. Thorax, 2021, 76, 729-732.	5.6	28
45	Epithelial Responses to Lung Injury. Proceedings of the American Thoracic Society, 2012, 9, 89-95.	3.5	27
46	Contextual cues from cancer cells govern cancer-associated fibroblast heterogeneity. Cell Reports, 2021, 35, 109009.	6.4	18
47	Cathepsins as Transcriptional Activators?. Developmental Cell, 2004, 6, 610-611.	7.0	16
48	Idiopathic Pulmonary Fibrosis: Cell Death and Inflammation Revisited. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 137-138.	2.9	10
49	Soluble Urokinase-Type Plasminogen Activator Receptor in FSGS: Stirred but Not Shaken. Journal of the American Society of Nephrology: JASN, 2014, 25, 1611-1613.	6.1	7
50	Cathepsin S is not crucial to TSHR processing and presentation in a murine model of Graves' disease. Immunology, 2005, 116, 051025020346010.	4.4	5
51	Failure of Alveolar Type 2 Cell Maintenance Links Neonatal Distress with Adult Lung Disease. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 415-416.	2.9	2
52	Nuclear IL-33 as a growth and survival agent within basal cells. Journal of Clinical Investigation, 2021, 131, .	8.2	1
53	VEGF Drives the Car toward Better Gas Exchange. Developmental Cell, 2020, 52, 546-547.	7.0	0