

Stephen E McGowan

List of Publications by Year in descending order

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44
papers

1,563
citations

279701

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docs citations

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times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	Mice Bearing Deletions of Retinoic Acid Receptors Demonstrate Reduced Lung Elastin and Alveolar Numbers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 162-167.	1.4	196
2	THE PULMONARY LIPOFIBROBLAST (LIPID INTERSTITIAL CELL) AND ITS CONTRIBUTIONS TO ALVEOLAR DEVELOPMENT. <i>Annual Review of Physiology</i> , 1997, 59, 43-62.	5.6	189
3	Inducible Resistance to Oxidant Stress in the Protozoan <i>Leishmania chagasi</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 33883-33889.	1.6	91
4	Platelet-Derived Growth Factor Receptor- α -Expressing Cells Localize to the Alveolar Entry Ring and Have Characteristics of Myofibroblasts During Pulmonary Alveolar Septal Formation. <i>Anatomical Record</i> , 2008, 291, 1649-1661.	0.8	82
5	Exogenous and Endogenous Transforming Growth Factors- β Influence Elastin Gene Expression in Cultured Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997, 17, 25-35.	1.4	63
6	Transforming Growth Factor- β Increases Elastin Production by Neonatal Rat Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990, 3, 369-376.	1.4	56
7	Alveolarization in Retinoic Acid Receptor- β -Deficient Mice. <i>Pediatric Research</i> , 2005, 57, 384-391.	1.1	54
8	Regulation of fibroblast lipid storage and myofibroblast phenotypes during alveolar septation in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L618-L631.	1.3	51
9	Alveolar sphingolipids generated in response to TNF- α modifies surfactant biophysical activity. <i>Journal of Applied Physiology</i> , 2003, 94, 253-258.	1.2	49
10	Direct Effects of Neutrophil Oxidants on Elastase-Induced Extracellular Matrix Proteolysis ⁴ . <i>The American Review of Respiratory Disease</i> , 1987, 135, 1286-1293.	2.9	47
11	Platelet-derived growth factor-A and sonic hedgehog signaling direct lung fibroblast precursors during alveolar septal formation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L229-L239.	1.3	45
12	Contributions of Retinoids to the Generation and Repair of the Pulmonary Alveolus. <i>Chest</i> , 2002, 121, 206S-208S.	0.4	42
13	PDGF- β gene expression predicts proliferation, but PDGF-A suppresses transdifferentiation of neonatal mouse lung myofibroblasts. <i>Respiratory Research</i> , 2009, 10, 119.	1.4	42
14	Mechanisms of Extracellular Matrix Proteoglycan Degradation by Human Neutrophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990, 2, 271-279.	1.4	38
15	Fibroblasts Expressing PDGF-Receptor-Alpha Diminish During Alveolar Septal Thinning in Mice. <i>Pediatric Research</i> , 2011, 70, 44-49.	1.1	36
16	Vitamin A deficiency promotes bronchial hyperreactivity in rats by altering muscarinic M ₂ receptor function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L1031-L1039.	1.3	35
17	Fibroblast growth factor signaling in myofibroblasts differs from lipofibroblasts during alveolar septation in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L463-L474.	1.3	34
18	Retinoic acid reverses the airway hyperresponsiveness but not the parenchymal defect that is associated with vitamin A deficiency. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L437-L444.	1.3	33

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19	Perinatal expression of genes that may participate in lipid metabolism by lipid-laden lung fibroblasts. <i>Journal of Lipid Research</i> , 1998, 39, 2483-2492.	2.0	32
20	Platelet-derived growth factor-A regulates lung fibroblast S-phase entry through p27kip1 and FoxO3a. <i>Respiratory Research</i> , 2013, 14, 68.	1.4	31
21	In search of the elusive lipofibroblast in human lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L605-L608.	1.3	31
22	The Fate of Neutrophil Elastase Incorporated by Human Alveolar Macrophages. <i>The American Review of Respiratory Disease</i> , 1983, 127, 449-455.	2.9	30
23	Peroxisome proliferators alter lipid acquisition and elastin gene expression in neonatal rat lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1997, 273, L1249-L1257.	1.3	27
24	Pulmonary-specific expression of tumor necrosis factor- α alters surfactant lipid metabolism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L735-L742.	1.3	24
25	Arg-Gly-Asp-Containing Domains of Fibrillins-1 and -2 Distinctly Regulate Lung Fibroblast Migration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 435-445.	1.4	22
26	Vitamin A deficiency alters the pulmonary parenchymal elastic modulus and elastic fiber concentration in rats. <i>Respiratory Research</i> , 2005, 6, 77.	1.4	19
27	Neutrophils and Emphysema. <i>New England Journal of Medicine</i> , 1989, 321, 968-970.	13.9	17
28	Paracrine cellular and extracellular matrix interactions with mesenchymal progenitors during pulmonary alveolar septation. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 227-239.	1.6	16
29	Mechanisms of serum-enhanced adhesion of human alveolar macrophages to epithelial cells. <i>Lung</i> , 1991, 169, 215-226.	1.4	13
30	Development of Alveoli. , 2004, , 55-73.		12
31	Understanding the developmental pathways pulmonary fibroblasts may follow during alveolar regeneration. <i>Cell and Tissue Research</i> , 2017, 367, 707-719.	1.5	12
32	The lipofibroblast: more than a lipid-storage depot. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L869-L871.	1.3	12
33	Platelet-derived growth factor receptor- α and Ras-related C3 botulinum toxin substrate-1 regulate mechano-responsiveness of lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1174-L1187.	1.3	11
34	Vitamin A deficiency alters airway resistance in children with acute upper respiratory infection. <i>Pediatric Pulmonology</i> , 2013, 48, 481-489.	1.0	9
35	Efficient method to create integration-free, virus-free, <i>Myc</i> and <i>Lin28</i> -free human induced pluripotent stem cells from adherent cells. <i>Future Science OA</i> , 2017, 3, FSO211.	0.9	9
36	Neuropilin-1 and platelet-derived growth factor receptors cooperatively regulate intermediate filaments and mesenchymal cell migration during alveolar septation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L102-L115.	1.3	9

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37	The Formation of Pulmonary Alveoli. , 2014, , 65-84.		8
38	Elevation of retinyl ester level in the lungs of rats following repeated intraperitoneal injections of retinoic acid or retinoyl glucuronide. Pulmonary Pharmacology and Therapeutics, 2004, 17, 113-119.	1.1	7
39	Glucocorticoids Retain Bipotent Fibroblast Progenitors during Alveolar Septation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 111-120.	1.4	6
40	Virus-free and oncogene-free induced pluripotent stem cell reprogramming in cord blood and peripheral blood in patients with lung disease. Regenerative Medicine, 2018, 13, 889-915.	0.8	6
41	Platelet-derived Growth Factor- α and Neuropilin-1 Mediate Lung Fibroblast Response to Rigid Collagen Fibers. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 454-465.	1.4	6
42	Neuropilin-1 directs PDGFR α -entry into lung fibroblasts and signaling from very early endosomes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L179-L192.	1.3	6
43	EXPRESSION OF LIPOPROTEIN RECEPTOR AND APOLIPOPROTEINE GENES BY PERINATAL RAT LIPID-LADEN PULMONARY FIBROBLASTS. Experimental Lung Research, 2001, 27, 47-63.	0.5	5
44	Retinoids and pulmonary alveolar regeneration: Rationale and therapeutic challenges. Drug Discovery Today Disease Mechanisms, 2006, 3, 77-84.	0.8	0