

Patricia J Sime

List of Publications by Year in descending order

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109
papers

6,361
citations

50276

46
h-index

69250

77
g-index

109
all docs

109
docs citations

109
times ranked

9235
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibrosis of the Lung and Other Tissues: New Concepts in Pathogenesis and Treatment. <i>Clinical Immunology</i> , 2001, 99, 308-319.	3.2	298
2	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.	2.9	267
3	Lactic Acid Is Elevated in Idiopathic Pulmonary Fibrosis and Induces Myfibroblast Differentiation via pH-Dependent Activation of Transforming Growth Factor- β 2. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 740-751.	5.6	265
4	Transfer of Tumor Necrosis Factor- β to Rat Lung Induces Severe Pulmonary Inflammation and Patchy Interstitial Fibrogenesis with Induction of Transforming Growth Factor- β 1 and Myofibroblasts. <i>American Journal of Pathology</i> , 1998, 153, 825-832.	3.8	256
5	Proteoglycans decorin and biglycan differentially modulate TGF- β 2-mediated fibrotic responses in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L1327-L1334.	2.9	240
6	Future Directions in Idiopathic Pulmonary Fibrosis Research. An NHLBI Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 214-222.	5.6	199
7	PPAR γ 3 and the Innate Immune System Mediate the Resolution of Inflammation. <i>PPAR Research</i> , 2015, 2015, 1-20.	2.4	178
8	A Novel Anti-Inflammatory and Pro-Resolving Role for Resolvin D1 in Acute Cigarette Smoke-Induced Lung Inflammation. <i>PLoS ONE</i> , 2013, 8, e58258.	2.5	174
9	Inflammation resolution: a dual-pronged approach to averting cytokine storms in COVID-19?. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 337-340.	5.9	169
10	PPAR- β Ligands Repress TGF β 2-Induced Myofibroblast Differentiation by Targeting the PI3K/Akt Pathway: Implications for Therapy of Fibrosis. <i>PLoS ONE</i> , 2011, 6, e15909.	2.5	167
11	Aryl Hydrocarbon Receptor-Deficient Mice Develop Heightened Inflammatory Responses to Cigarette Smoke and Endotoxin Associated with Rapid Loss of the Nuclear Factor- κ B Component RelB. <i>American Journal of Pathology</i> , 2007, 170, 855-864.	3.8	163
12	Differences in the Fibrogenic Response after Transfer of Active Transforming Growth Factor- β 1 Gene to Lungs of α Fibrosis-prone and α Fibrosis-resistant Mouse Strains. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 141-150.	2.9	161
13	Transglutaminase 2 and Its Role in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 699-707.	5.6	151
14	OROPHARYNGEAL ASPIRATION OF A SILICA SUSPENSION PRODUCES A SUPERIOR MODEL OF SILICOSIS IN THE MOUSE WHEN COMPARED TO INTRATRACHEAL INSTILLATION. <i>Experimental Lung Research</i> , 2006, 32, 181-199.	1.2	139
15	Asbestos-derived reactive oxygen species activate TGF- β 1. <i>Laboratory Investigation</i> , 2004, 84, 1013-1023.	3.7	135
16	The Aryl Hydrocarbon Receptor Attenuates Tobacco Smoke-induced Cyclooxygenase-2 and Prostaglandin Production in Lung Fibroblasts through Regulation of the NF- κ B Family Member RelB. <i>Journal of Biological Chemistry</i> , 2008, 283, 28944-28957.	3.4	135
17	Inflammasome formation in the lungs of patients with fatal COVID-19. <i>Inflammation Research</i> , 2021, 70, 7-10.	4.0	104
18	Cigarette Smoke Exposure Exacerbates Lung Inflammation and Compromises Immunity to Bacterial Infection. <i>Journal of Immunology</i> , 2014, 192, 5226-5235.	0.8	102

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19	Nanoscale dysregulation of collagen structure-function disrupts mechano-homeostasis and mediates pulmonary fibrosis. <i>ELife</i> , 2018, 7, .	6.0	99
20	Matrix Biology of Idiopathic Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2014, 184, 1643-1651.	3.8	91
21	Antenatal <i>Ureaplasma urealyticum</i> Respiratory Tract Infection Stimulates Proinflammatory, Profibrotic Responses in the Preterm Baboon Lung. <i>Pediatric Research</i> , 2006, 60, 141-146.	2.3	87
22	Asbestos-related lung disease. <i>American Family Physician</i> , 2007, 75, 683-8.	0.1	85
23	Gene transfer for cytokine functional studies in the lung: the multifunctional role of GM-CSF in pulmonary inflammation. <i>Journal of Leukocyte Biology</i> , 1996, 59, 481-488.	3.3	82
24	Resolvins attenuate inflammation and promote resolution in cigarette smoke-exposed human macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L888-L901.	2.9	79
25	Genetic Ablation of the Aryl Hydrocarbon Receptor Causes Cigarette Smoke-induced Mitochondrial Dysfunction and Apoptosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 43214-43228.	3.4	78
26	Transforming Growth Factor- $\beta 1$ Overexpression in Tumor Necrosis Factor- α Receptor Knockout Mice Induces Fibroproliferative Lung Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 3-7.	2.9	77
27	Cigarette smoke-induced expression of heme oxygenase-1 in human lung fibroblasts is regulated by intracellular glutathione. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L624-L636.	2.9	71
28	Resolvin D1 Reduces Emphysema and Chronic Inflammation. <i>American Journal of Pathology</i> , 2015, 185, 3189-3201.	3.8	69
29	Disruption of Sirtuin 1-Mediated Control of Circadian Molecular Clock and Inflammation in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 782-792.	2.9	68
30	Determinants of initiation and progression of idiopathic pulmonary fibrosis. <i>Respirology</i> , 2009, 14, 917-933.	2.3	66
31	Electrophilic Peroxisome Proliferator-Activated Receptor- β Ligands Have Potent Antifibrotic Effects in Human Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 722-730.	2.9	65
32	Expression of CD154 (CD40 Ligand) by Human Lung Fibroblasts: Differential Regulation by IFN- β and IL-13, and Implications for Fibrosis. <i>Journal of Immunology</i> , 2004, 172, 1862-1871.	0.8	63
33	Epithelium-specific adenoviral transfer of a dominant-negative mutant TGF- $\beta 2$ type II receptor stimulates embryonic lung branching morphogenesis in culture and potentiates EGF and PDGF-AA. <i>Mechanisms of Development</i> , 1998, 72, 89-100.	1.7	59
34	Metabolomics in Lung Inflammation: A High-Resolution ^1H NMR Study of Mice Exposed to Silica Dust. <i>Toxicology Mechanisms and Methods</i> , 2008, 18, 385-398.	2.7	57
35	Spiruchostatin A Inhibits Proliferation and Differentiation of Fibroblasts from Patients with Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 687-694.	2.9	57
36	Resolvin D1 Attenuates Polyinosinic-Polycytidylic Acid-Induced Inflammatory Signaling in Human Airway Epithelial Cells via TAK1. <i>Journal of Immunology</i> , 2014, 193, 4980-4987.	0.8	57

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37	Inhibition of Transglutaminase 2, a Novel Target for Pulmonary Fibrosis, by Two Small Electrophilic Molecules. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 737-747.	2.9	56
38	Normal Human Lung Epithelial Cells Inhibit Transforming Growth Factor- β^2 Induced Myfibroblast Differentiation via Prostaglandin E2. <i>PLoS ONE</i> , 2015, 10, e0135266.	2.5	55
39	Inhibitory Effects of PPAR β^3 Ligands on TGF- β^1 -Induced Corneal Myofibroblast Transformation. <i>American Journal of Pathology</i> , 2014, 184, 1429-1445.	3.8	54
40	The Antifibrogenic Potential of PPAR β^3 Ligands in Pulmonary Fibrosis. <i>Journal of Investigative Medicine</i> , 2008, 56, 534-538.	1.6	51
41	The Aryl Hydrocarbon Receptor Ligand ITE Inhibits TGF β^1 -Induced Human Myofibroblast Differentiation. <i>American Journal of Pathology</i> , 2011, 178, 1556-1567.	3.8	51
42	Lung-Targeted Overexpression of the NF- κ B Member RelB Inhibits Cigarette Smoke-Induced Inflammation. <i>American Journal of Pathology</i> , 2011, 179, 125-133.	3.8	50
43	Pharmacologic inhibition of lactate production prevents myofibroblast differentiation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1305-L1312.	2.9	50
44	Key roles for lipid mediators in the adaptive immune response. <i>Journal of Clinical Investigation</i> , 2018, 128, 2724-2731.	8.2	50
45	The histone deacetylase inhibitor, romidepsin, as a potential treatment for pulmonary fibrosis. <i>Oncotarget</i> , 2017, 8, 48737-48754.	1.8	48
46	Susceptibility to Asbestos-Induced and Transforming Growth Factor- β^1 -Induced Fibroproliferative Lung Disease in Two Strains of Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 705-713.	2.9	47
47	The Triterpenoid CDDO-Me Inhibits Bleomycin-Induced Lung Inflammation and Fibrosis. <i>PLoS ONE</i> , 2013, 8, e63798.	2.5	47
48	Specialized proresolving mediators (SPMs) inhibit human B-cell IgE production. <i>European Journal of Immunology</i> , 2016, 46, 81-91.	2.9	46
49	Alternative Progenitor Lineages Regenerate the Adult Lung Depleted of Alveolar Epithelial Type 2 Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 453-464.	2.9	44
50	Effect of Antimicrobial Therapy on Respiratory Hospitalization or Death in Adults With Idiopathic Pulmonary Fibrosis. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1841.	7.4	43
51	Yin Yang 1 Is a Novel Regulator of Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1689-1697.	5.6	42
52	Secondhand Smoke Induces Inflammation and Impairs Immunity to Respiratory Infections. <i>Journal of Immunology</i> , 2018, 200, 2927-2940.	0.8	42
53	Prevention and treatment of bleomycin-induced pulmonary fibrosis with the lactate dehydrogenase inhibitor gossypol. <i>PLoS ONE</i> , 2018, 13, e0197936.	2.5	39
54	Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Antifibrotic Prostaglandins. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 269-278.	2.9	37

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55	Lung fibroblast clones from normal and fibrotic subjects differ in hyaluronan and decorin production and rate of proliferation. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1573-1584.	2.8	36
56	Topical Rosiglitazone Is an Effective Anti-Scarring Agent in the Cornea. <i>PLoS ONE</i> , 2013, 8, e70785.	2.5	35
57	Second harmonic generation microscopy reveals altered collagen microstructure in usual interstitial pneumonia versus healthy lung. <i>Respiratory Research</i> , 2015, 16, 61.	3.6	35
58	RelB Is Differentially Regulated by $\text{I}\kappa\text{B}$ Kinase- β in B Cells and Mouse Lung by Cigarette Smoke. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 147-158.	2.9	34
59	Endogenous ligands of the aryl hydrocarbon receptor regulate lung dendritic cell function. <i>Immunology</i> , 2016, 147, 41-54.	4.4	34
60	Resolvin D1 Dampens Pulmonary Inflammation and Promotes Clearance of Nontypeable <i>Haemophilus influenzae</i> . <i>Journal of Immunology</i> , 2016, 196, 2742-2752.	0.8	34
61	The Lactate Dehydrogenase Inhibitor Gossypol Inhibits Radiation-Induced Pulmonary Fibrosis. <i>Radiation Research</i> , 2017, 188, 35-43.	1.5	34
62	Titration of non-replicating adenovirus as a vector for transducing active TGF- β 1 gene expression causing inflammation and fibrogenesis in the lungs of C57BL/6 mice. <i>International Journal of Experimental Pathology</i> , 2002, 83, 183-202.	1.3	33
63	Cigarette smoke dampens antiviral signaling in small airway epithelial cells by disrupting TLR3 cleavage. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L505-L513.	2.9	33
64	Spatial-specific TGF- β 1 adenoviral expression determines morphogenetic phenotypes in embryonic mouse lung. <i>European Journal of Cell Biology</i> , 1999, 78, 715-725.	3.6	30
65	Caveolin-1 gene therapy inhibits inflammasome activation to protect from bleomycin-induced pulmonary fibrosis. <i>Scientific Reports</i> , 2019, 9, 19643.	3.3	29
66	Mechanical Feed-Forward Loops Contribute to Idiopathic Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2021, 191, 18-25.	3.8	29
67	Serotonin and Corticosterone Rhythms in Mice Exposed to Cigarette Smoke and in Patients with COPD: Implication for COPD-Associated Neuropathogenesis. <i>PLoS ONE</i> , 2014, 9, e87999.	2.5	29
68	Peroxisome Proliferator-Activated Receptor β B Cell-Specific Deficient Mice Have an Impaired Antibody Response. <i>Journal of Immunology</i> , 2012, 189, 4740-4747.	0.8	27
69	Dung biomass smoke activates inflammatory signaling pathways in human small airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1222-L1233.	2.9	25
70	Resolvin D2 decreases TLR4 expression to mediate resolution in human monocytes. <i>FASEB Journal</i> , 2016, 30, 3181-3193.	0.5	25
71	Bronchoscopy with bronchoalveolar lavage: determinants of yield and impact on management in immunosuppressed patients. <i>Thorax</i> , 2011, 66, 823-823.	5.6	23
72	An American Thoracic Society Official Research Statement: Future Directions in Lung Fibrosis Research. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 792-800.	5.6	22

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73	Antifibrotic Actions of Peroxisome Proliferator-Activated Receptor β Ligands in Corneal Fibroblasts Are Mediated by β -Catenin-Regulated Pathways. <i>American Journal of Pathology</i> , 2017, 187, 1660-1669.	3.8	20
74	Development of an accurate and sensitive method for lactate analysis in exhaled breath condensate by LC MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 468-473.	2.3	19
75	Cigarette smoke increases susceptibility to infection in lung epithelial cells by upregulating caveolin-dependent endocytosis. <i>PLoS ONE</i> , 2020, 15, e0232102.	2.5	19
76	Adenovirus-Vector-Mediated Cytokine Gene Transfer to Lung Tissue. <i>Annals of the New York Academy of Sciences</i> , 1996, 796, 235-244.	3.8	18
77	IL-13 Induces YY1 through the AKT Pathway in Lung Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0119039.	2.5	18
78	Human lung fibroblasts produce proresolving peroxisome proliferator-activated receptor- β ligands in a cyclooxygenase-2-dependent manner. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L855-L867.	2.9	18
79	Quenching the fires: Pro-resolving mediators, air pollution, and smoking. , 2019, 197, 212-224.		17
80	A novel ELISpot method for adherent cells. <i>Journal of Immunological Methods</i> , 2004, 291, 63-70.	1.4	16
81	PPAR β . <i>Journal of Investigative Medicine</i> , 2008, 56, 515-517.	1.6	15
82	Inhibitory effects of PPAR β ligands on TGF- β 1-induced CTGF expression in cat corneal fibroblasts. <i>Experimental Eye Research</i> , 2015, 138, 52-58.	2.6	15
83	Activated human T lymphocytes inhibit TGF β 2-induced fibroblast to myofibroblast differentiation via prostaglandins D2 and E2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L569-L582.	2.9	15
84	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. <i>FASEB Journal</i> , 2021, 35, e21376.	0.5	15
85	Management of Platelet Disorders and Platelet Transfusions in ICU Patients. <i>Transfusion Medicine Reviews</i> , 2017, 31, 252-257.	2.0	14
86	Comparison of in vitro toxicological effects of biomass smoke from different sources of animal dung. <i>Toxicology in Vitro</i> , 2017, 43, 76-86.	2.4	14
87	AT-RvD1 Mitigates Secondhand Smoke-Exacerbated Pulmonary Inflammation and Restores Secondhand Smoke-Suppressed Antibacterial Immunity. <i>Journal of Immunology</i> , 2021, 206, 1348-1360.	0.8	13
88	Exogenous Lipid Pneumonia: An Unexpected Complication of Substance Abuse. <i>Annals of Internal Medicine</i> , 2008, 149, 364.	3.9	12
89	Specialized Proresolving Mediators Overcome Immune Suppression Induced by Exposure to Secondhand Smoke. <i>Journal of Immunology</i> , 2020, 205, 3205-3217.	0.8	12
90	The polyether ionophore salinomycin targets multiple cellular pathways to block proliferative vitreoretinopathy pathology. <i>PLoS ONE</i> , 2019, 14, e0222596.	2.5	11

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91	Differentiation in Medulloblastomas and Other Primitive Neuroectodermal Tumours. British Journal of Neurosurgery, 1989, 3, 89-100.	0.8	10
92	Transient Gene Transfer and Expression in the Lung. Chest, 1997, 111, 89S-94S.	0.8	10
93	The self-fulfilling prophecy of pulmonary fibrosis: a selective inspection of pathological signalling loops. European Respiratory Journal, 2020, 56, 2000075.	6.7	10
94	miR-338-3p blocks TGF β ² -induced myofibroblast differentiation through the induction of PTEN. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L385-L400.	2.9	9
95	New Light Is Shed on the Enigmatic Origin of the Lung Myofibroblast. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 765-766.	5.6	8
96	Metastatic Papillary Thyroid Carcinoma and Severe Airflow Obstruction. Chest, 2010, 138, 738-742.	0.8	7
97	SENSITIVITY TO BLEOMYCIN-INDUCED LUNG INJURY IS NOT MODERATED BY AN ANTIGEN-LIMITED T-CELL REPERTOIRE. Experimental Lung Research, 2005, 31, 685-700.	1.2	6
98	Epithelial Wntless regulates postnatal alveologenesi. Development (Cambridge), 2022, 149, .	2.5	4
99	Leukoreduction of blood transfusionsâ€™There is such a thing as a free lunch*. Critical Care Medicine, 2010, 38, 720-721.	0.9	2
100	A putative role for platelet-derived PPAR β ³ in vascular homeostasis demonstrated by anti-PPAR β ³ induction of bleeding, thrombocytopenia and compensatory megakaryocytopoiesis. Journal of Biotechnology, 2010, 150, 417-427.	3.8	1
101	Reproducible Single-Cell Genomic Research in Pulmonary and Critical Care Medicine. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1495-1497.	5.6	1
102	TGF β ² and Smad3 link inflammation to progressive fibrosis. International Congress Series, 2007, 1302, 103-113.	0.2	0
103	Reply: From Idiopathic Pulmonary Fibrosis to Cystic Fibrosis: Got Lactate?. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 111-112.	5.6	0
104	Shobha Ghosh (1958â€™2021). Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 239-240.	2.4	0
105	Title is missing!. , 2020, 15, e0232102.		0
106	Title is missing!. , 2020, 15, e0232102.		0
107	Title is missing!. , 2020, 15, e0232102.		0
108	Title is missing!. , 2020, 15, e0232102.		0

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109	Title is missing!. , 2020, 15, e0232102.		0