Patricia J Sime

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Epithelial Wntless regulates postnatal alveologenesis. Development (Cambridge), 2022, 149, .	2.5	4
2	miR-338-3p blocks TGFÎ²-induced myofibroblast differentiation through the induction of PTEN. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L385-L400.	2.9	9
3	Shobha Ghosh (1958â€“2021). Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 239-240.	2.4	0
4	Mechanical Feed-Forward Loops Contribute to Idiopathic Pulmonary Fibrosis. American Journal of Pathology, 2021, 191, 18-25.	3.8	29
5	Inflammasome formation in the lungs of patients with fatal COVID-19. Inflammation Research, 2021, 70, 7-10.	4.0	104
6	AT-RvD1 Mitigates Secondhand Smokeâ€“Exacerbated Pulmonary Inflammation and Restores Secondhand Smokeâ€“Suppressed Antibacterial Immunity. Journal of Immunology, 2021, 206, 1348-1360.	0.8	13
7	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. FASEB Journal, 2021, 35, e21376.	0.5	15
8	Effect of Antimicrobial Therapy on Respiratory Hospitalization or Death in Adults With Idiopathic Pulmonary Fibrosis. JAMA - Journal of the American Medical Association, 2021, 325, 1841.	7.4	43
9	The self-fulfilling prophecy of pulmonary fibrosis: a selective inspection of pathological signalling loops. European Respiratory Journal, 2020, 56, 2000075.	6.7	10
10	Specialized Proresolving Mediators Overcome Immune Suppression Induced by Exposure to Secondhand Smoke. Journal of Immunology, 2020, 205, 3205-3217.	0.8	12
11	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
12	Inflammation resolution: a dual-pronged approach to averting cytokine storms in COVID-19?. Cancer and Metastasis Reviews, 2020, 39, 337-340.	5.9	169
13	Cigarette smoke increases susceptibility to infection in lung epithelial cells by upregulating caveolin-dependent endocytosis. PLoS ONE, 2020, 15, e0232102.	2.5	19
14	Title is missing!. , 2020, 15, e0232102.		0
15	Title is missing!. , 2020, 15, e0232102.		0
16	Title is missing!. , 2020, 15, e0232102.		0
17	Title is missing!. , 2020, 15, e0232102.		0
18	Title is missing!. , 2020, 15, e0232102.		0

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19	The polyether ionophore salinomycin targets multiple cellular pathways to block proliferative vitreoretinopathy pathology. PLoS ONE, 2019, 14, e0222596.	2.5	11
20	Quenching the fires: Pro-resolving mediators, air pollution, and smoking. , 2019, 197, 212-224.		17
21	Caveolin-1 gene therapy inhibits inflammasome activation to protect from bleomycin-induced pulmonary fibrosis. Scientific Reports, 2019, 9, 19643.	3.3	29
22	Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Antifibrotic Prostaglandins. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 269-278.	2.9	37
23	Secondhand Smoke Induces Inflammation and Impairs Immunity to Respiratory Infections. Journal of Immunology, 2018, 200, 2927-2940.	0.8	42
24	Prevention and treatment of bleomycin-induced pulmonary fibrosis with the lactate dehydrogenase inhibitor gossypol. PLoS ONE, 2018, 13, e0197936.	2.5	39
25	Nanoscale dysregulation of collagen structure-function disrupts mechano-homeostasis and mediates pulmonary fibrosis. ELife, 2018, 7, .	6.0	99
26	Cigarette smoke dampens antiviral signaling in small airway epithelial cells by disrupting TLR3 cleavage. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L505-L513.	2.9	33
27	Activated human T lymphocytes inhibit TGFÎ²-induced fibroblast to myofibroblast differentiation via prostaglandins D2 and E2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L569-L582.	2.9	15
28	Key roles for lipid mediators in the adaptive immune response. Journal of Clinical Investigation, 2018, 128, 2724-2731.	8.2	50
29	Management of Platelet Disorders and Platelet Transfusions in ICU Patients. Transfusion Medicine Reviews, 2017, 31, 252-257.	2.0	14
30	An Official American Thoracic Society Workshop Report: Use of Animal Models for the Preclinical Assessment of Potential Therapies for Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 667-679.	2.9	267
31	Antifibrotic Actions of Peroxisome Proliferator-Activated Receptor Î³ Ligands in Corneal Fibroblasts Are Mediated by Î²-Cateninâ€“Regulated Pathways. American Journal of Pathology, 2017, 187, 1660-1669.	3.8	20
32	Comparison of in vitro toxicological effects of biomass smoke from different sources of animal dung. Toxicology in Vitro, 2017, 43, 76-86.	2.4	14
33	The Lactate Dehydrogenase Inhibitor Gossypol Inhibits Radiation-Induced Pulmonary Fibrosis. Radiation Research, 2017, 188, 35-43.	1.5	34
34	Alternative Progenitor Lineages Regenerate the Adult Lung Depleted of Alveolar Epithelial Type 2 Cells. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 453-464.	2.9	44
35	Development of an accurate and sensitive method for lactate analysis in exhaled breath condensate by LC MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 468-473.	2.3	19
36	The histone deacetylase inhibitor, romidepsin, as a potential treatment for pulmonary fibrosis. Oncotarget, 2017, 8, 48737-48754.	1.8	48

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37	Dung biomass smoke activates inflammatory signaling pathways in human small airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1222-L1233.	2.9	25
38	An American Thoracic Society Official Research Statement: Future Directions in Lung Fibrosis Research. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 792-800.	5.6	22
39	Specialized proresolving mediators (SPMs) inhibit human Bâ€€cell IgE production. European Journal of Immunology, 2016, 46, 81-91.	2.9	46
40	Endogenous ligands of the aryl hydrocarbon receptor regulate lung dendritic cell function. Immunology, 2016, 147, 41-54.	4.4	34
41	Human lung fibroblasts produce proresolving peroxisome proliferator-activated receptor-Î³ ligands in a cyclooxygenase-2-dependent manner. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L855-L867.	2.9	18
42	Resolvin D2 decreases TLR4 expression to mediate resolution in human monocytes. FASEB Journal, 2016, 30, 3181-3193.	0.5	25
43	Resolvin D1 Dampens Pulmonary Inflammation and Promotes Clearance of Nontypeable Haemophilus influenzae. Journal of Immunology, 2016, 196, 2742-2752.	0.8	34
44	Second harmonic generation microscopy reveals altered collagen microstructure in usual interstitial pneumonia versus healthy lung. Respiratory Research, 2015, 16, 61.	3.6	35
45	IL-13 Induces YY1 through the AKT Pathway in Lung Fibroblasts. PLoS ONE, 2015, 10, e0119039.	2.5	18
46	Normal Human Lung Epithelial Cells Inhibit Transforming Growth Factor-Î² Induced Myofibroblast Differentiation via Prostaglandin E2. PLoS ONE, 2015, 10, e0135266.	2.5	55
47	PPARÎ³and the Innate Immune System Mediate the Resolution of Inflammation. PPAR Research, 2015, 2015, 1-20.	2.4	178
48	Pharmacologic inhibition of lactate production prevents myofibroblast differentiation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1305-L1312.	2.9	50
49	Inhibitory effects of PPARÎ³ ligands on TGF-Î²1-induced CTGF expression in cat corneal fibroblasts. Experimental Eye Research, 2015, 138, 52-58.	2.6	15
50	Disruption of Sirtuin 1â€“Mediated Control of Circadian Molecular Clock and Inflammation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 782-792.	2.9	68
51	Resolvin D1 Reduces Emphysema and Chronic Inflammation. American Journal of Pathology, 2015, 185, 3189-3201.	3.8	69
52	Resolvins attenuate inflammation and promote resolution in cigarette smoke-exposed human macrophages. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L888-L901.	2.9	79
53	Inhibition of Transglutaminase 2, a Novel Target for Pulmonary Fibrosis, by Two Small Electrophilic Molecules. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 737-747.	2.9	56
54	Inhibitory Effects of PPARÎ³ Ligands on TGF-Î²1â€“Induced Corneal Myofibroblast Transformation. American Journal of Pathology, 2014, 184, 1429-1445.	3.8	54

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55	Cigarette Smoke Exposure Exacerbates Lung Inflammation and Compromises Immunity to Bacterial Infection. Journal of Immunology, 2014, 192, 5226-5235.	0.8	102
56	Resolvin D1 Attenuates Polyinosinic-Polycytidylic Acidâ€“Induced Inflammatory Signaling in Human Airway Epithelial Cells via TAK1. Journal of Immunology, 2014, 193, 4980-4987.	0.8	57
57	Future Directions in Idiopathic Pulmonary Fibrosis Research. An NHLBI Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 214-222.	5.6	199
58	Matrix Biology of Idiopathic Pulmonary Fibrosis. American Journal of Pathology, 2014, 184, 1643-1651.	3.8	91
59	Serotonin and Corticosterone Rhythms in Mice Exposed to Cigarette Smoke and in Patients with COPD: Implication for COPD-Associated Neuropathogenesis. PLoS ONE, 2014, 9, e87999.	2.5	29
60	The Triterpenoid CDDO-Me Inhibits Bleomycin-Induced Lung Inflammation and Fibrosis. PLoS ONE, 2013, 8, e63798.	2.5	47
61	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
62	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
63	A Novel Anti-Inflammatory and Pro-Resolving Role for Resolvin D1 in Acute Cigarette Smoke-Induced Lung Inflammation. PLoS ONE, 2013, 8, e58258.	2.5	174
64	Topical Rosiglitazone Is an Effective Anti-Scarring Agent in the Cornea. PLoS ONE, 2013, 8, e70785.	2.5	35
65	Spiruchostatin A Inhibits Proliferation and Differentiation of Fibroblasts from Patients with Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 687-694.	2.9	57
66	Peroxisome Proliferator-Activated Receptor Î³ B Cell-Specificâ€“Deficient Mice Have an Impaired Antibody Response. Journal of Immunology, 2012, 189, 4740-4747.	0.8	27
67	Lactic Acid Is Elevated in Idiopathic Pulmonary Fibrosis and Induces Myofibroblast Differentiation via pH-Dependent Activation of Transforming Growth Factor-Î². American Journal of Respiratory and Critical Care Medicine, 2012, 186, 740-751.	5.6	265
68	The Aryl Hydrocarbon Receptor Ligand ITE Inhibits TGFÎ²1-Induced Human Myofibroblast Differentiation. American Journal of Pathology, 2011, 178, 1556-1567.	3.8	51
69	Lung-Targeted Overexpression of the NF-ÎºB Member RelB Inhibits Cigarette Smokeâ€“Induced Inflammation. American Journal of Pathology, 2011, 179, 125-133.	3.8	50
70	PPAR-Î³ Ligands Repress TGFÎ²-Induced Myofibroblast Differentiation by Targeting the PI3K/Akt Pathway: Implications for Therapy of Fibrosis. PLoS ONE, 2011, 6, e15909.	2.5	167
71	Transglutaminase 2 and Its Role in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 699-707.	5.6	151
72	Yin Yang 1 Is a Novel Regulator of Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1689-1697.	5.6	42

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73	Bronchoscopy with bronchoalveolar lavage: determinants of yield and impact on management in immunosuppressed patients. Thorax, 2011, 66, 823-823.	5.6	23
74	Genetic Ablation of the Aryl Hydrocarbon Receptor Causes Cigarette Smoke-induced Mitochondrial Dysfunction and Apoptosis. Journal of Biological Chemistry, 2011, 286, 43214-43228.	3.4	78
75	Leukoreduction of blood transfusionsâ€"There is such a thing as a free lunch*. Critical Care Medicine, 2010, 38, 720-721.	0.9	2
76	A putative role for platelet-derived PPARÎ³ in vascular homeostasis demonstrated by anti-PPARÎ³ induction of bleeding, thrombocytopenia and compensatory megakaryocytopoiesis. Journal of Biotechnology, 2010, 150, 417-427.	3.8	1
77	Metastatic Papillary Thyroid Carcinoma and Severe Airflow Obstruction. Chest, 2010, 138, 738-742.	0.8	7
78	RelB Is Differentially Regulated by IÎºB Kinase-Î± in B Cells and Mouse Lung by Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 147-158.	2.9	34
79	Determinants of initiation and progression of idiopathic pulmonary fibrosis. Respirology, 2009, 14, 917-933.	2.3	66
80	Electrophilic Peroxisome Proliferatorâ€"Activated Receptor-Î³ Ligands Have Potent Antifibrotic Effects in Human Lung Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 722-730.	2.9	65
81	The Aryl Hydrocarbon Receptor Attenuates Tobacco Smoke-induced Cyclooxygenase-2 and Prostaglandin Production in Lung Fibroblasts through Regulation of the NF-ÎºB Family Member RelB. Journal of Biological Chemistry, 2008, 283, 28944-28957.	3.4	135
82	Cigarette smoke-induced expression of heme oxygenase-1 in human lung fibroblasts is regulated by intracellular glutathione. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L624-L636.	2.9	71
83	Metabolomics in Lung Inflammation:A High-Resolution¹H NMR Study of Mice Exposedto Silica Dust. Toxicology Mechanisms and Methods, 2008, 18, 385-398.	2.7	57
84	The Antifibrogenic Potential of PPARÎ³ Ligands in Pulmonary Fibrosis. Journal of Investigative Medicine, 2008, 56, 534-538.	1.6	51
85	PPARÎ³. Journal of Investigative Medicine, 2008, 56, 515-517.	1.6	15
86	Exogenous Lipoid Pneumonia: An Unexpected Complication of Substance Abuse. Annals of Internal Medicine, 2008, 149, 364.	3.9	12
87	TGFÎ² and Smad3 link inflammation to progressive fibrosis. International Congress Series, 2007, 1302, 103-113.	0.2	0
88	Aryl Hydrocarbon Receptor-Deficient Mice Develop Heightened Inflammatory Responses to Cigarette Smoke and Endotoxin Associated with Rapid Loss of the Nuclear Factor-ÎºB Component RelB. American Journal of Pathology, 2007, 170, 855-864.	3.8	163
89	Asbestos-related lung disease. American Family Physician, 2007, 75, 683-8.	0.1	85
90	OROPHARYNGEAL ASPIRATION OF A SILICA SUSPENSION PRODUCES A SUPERIOR MODEL OF SILICOSIS IN THE MOUSE WHEN COMPARED TO INTRATRACHEAL INSTILLATION. Experimental Lung Research, 2006, 32, 181-199.	1.2	139

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91	Antenatal Ureaplasma urealyticum Respiratory Tract Infection Stimulates Proinflammatory, Profibrotic Responses in the Preterm Baboon Lung. Pediatric Research, 2006, 60, 141-146.	2.3	87
92	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
93	Expression of CD154 (CD40 Ligand) by Human Lung Fibroblasts: Differential Regulation by IFN-Î³ and IL-13, and Implications for Fibrosis. Journal of Immunology, 2004, 172, 1862-1871.	0.8	63
94	Asbestos-derived reactive oxygen species activate TGF-Î²1. Laboratory Investigation, 2004, 84, 1013-1023.	3.7	135
95	A novel ELISpot method for adherent cells. Journal of Immunological Methods, 2004, 291, 63-70.	1.4	16
96	Lung fibroblast clones from normal and fibrotic subjects differ in hyaluronan and decorin production and rate of proliferation. International Journal of Biochemistry and Cell Biology, 2004, 36, 1573-1584.	2.8	36
97	Susceptibility to Asbestos-Induced and Transforming Growth Factor-Î²1â€“Induced Fibroproliferative Lung Disease in Two Strains of Mice. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 705-713.	2.9	47
98	Differences in the Fibrogenic Response after Transfer of Active Transforming Growth Factor-Î²1 Gene to Lungs of â€œFibrosis-proneâ€•and â€œFibrosis-resistantâ€•Mouse Strains. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 141-150.	2.9	161
99	Titration of non-replicating adenovirus as a vector for transducing active TGF-Î²1 gene expression causing inflammation and fibrogenesis in the lungs of C57BL/6 mice. International Journal of Experimental Pathology, 2002, 83, 183-202.	1.3	33
100	Fibrosis of the Lung and Other Tissues: New Concepts in Pathogenesis and Treatment. Clinical Immunology, 2001, 99, 308-319.	3.2	298
101	Proteoglycans decorin and biglycan differentially modulate TGF-Î²-mediated fibrotic responses in the lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L1327-L1334.	2.9	240
102	Transforming Growth Factor-Î²₁ Overexpression in Tumor Necrosis Factor-Î± Receptor Knockout Mice Induces Fibroproliferative Lung Disease. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 3-7.	2.9	77
103	Spatial-specific TGF-Î²1 adenoviral expression determines morphogenetic phenotypes in embryonic mouse lung. European Journal of Cell Biology, 1999, 78, 715-725.	3.6	30
104	Epithelium-specific adenoviral transfer of a dominant-negative mutant TGF-Î² type II receptor stimulates embryonic lung branching morphogenesis in culture and potentiates EGF and PDGF-AA. Mechanisms of Development, 1998, 72, 89-100.	1.7	59
105	Transfer of Tumor Necrosis Factor-Î± to Rat Lung Induces Severe Pulmonary Inflammation and Patchy Interstitial Fibrogenesis with Induction of Transforming Growth Factor-Î²1 and Myofibroblasts. American Journal of Pathology, 1998, 153, 825-832.	3.8	256
106	Transient Gene Transfer and Expression in the Lung. Chest, 1997, 111, 89S-94S.	0.8	10
107	Adenovirus-Vector-Mediated Cytokine Gene Transfer to Lung Tissue. Annals of the New York Academy of Sciences, 1996, 796, 235-244.	3.8	18
108	Gene transfer for cytokine functional studies in the lung: the multifunctional role of GM-CSF in pulmonary inflammation. Journal of Leukocyte Biology, 1996, 59, 481-488.	3.3	82

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109	Differentiation in Medulloblastomas and Other Primitive Neuroectodermal Tumours. British Journal of Neurosurgery, 1989, 3, 89-100.	0.8	10