Thomas Thatcher

List of Publications by Year
in descending order

79 papers	3,651 citations	117453 34 h-index	138251 58 g-index
79 all docs	79 docs citations	79 times ranked	5314 citing authors

#	Article	IF	Citations
1	Specialized pro-resolving mediators as modulators of immune responses. Seminars in Immunology, 2022, 59, 101605.	2.7	17
2	Dung biomass smoke exposure impairs resolution of inflammatory responses to influenza infection. Toxicology and Applied Pharmacology, 2022, 450, 116160.	1.3	4
3	Mechanical Feed-Forward Loops Contribute to Idiopathic Pulmonary Fibrosis. American Journal of Pathology, 2021, 191, 18-25.	1.9	29
4	AT-RvD1 Mitigates Secondhand Smokeâ€“Exacerbated Pulmonary Inflammation and Restores Secondhand Smokeâ€“Suppressed Antibacterial Immunity. Journal of Immunology, 2021, 206, 1348-1360.	0.4	13
5	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. FASEB Journal, 2021, 35, e21376.	0.2	15
6	The self-fulfilling prophecy of pulmonary fibrosis: a selective inspection of pathological signalling loops. European Respiratory Journal, 2020, 56, 2000075.	3.1	10
7	Specialized Proresolving Mediators Overcome Immune Suppression Induced by Exposure to Secondhand Smoke. Journal of Immunology, 2020, 205, 3205-3217.	0.4	12
8	Cigarette smoke increases susceptibility to infection in lung epithelial cells by upregulating caveolin-dependent endocytosis. PLoS ONE, 2020, 15, e0232102.	1.1	19
9	Title is missing!. , 2020, 15, e0232102.		0
10	Title is missing!. , 2020, 15, e0232102.		0
11	Title is missing!. , 2020, 15, e0232102.		0
12	Title is missing!. , 2020, 15, e0232102.		0
13	Title is missing!. , 2020, 15, e0232102.		0
14	Quenching the fires: Pro-resolving mediators, air pollution, and smoking. , 2019, 197, 212-224.		17
15	Analysis of Postdeployment Serum Samples Identifies Potential Biomarkers of Exposure to Burn Pits and Other Environmental Hazards. Journal of Occupational and Environmental Medicine, 2019, 61, S45-S54.	0.9	6
16	Advances in Comprehensive Exposure Assessment. Journal of Occupational and Environmental Medicine, 2019, 61, S5-S14.	0.9	7
17	Machine Learning Approach for Predicting Past Environmental Exposures From Molecular Profiling of Post-Exposure Human Serum Samples. Journal of Occupational and Environmental Medicine, 2019, 61, S55-S64.	0.9	3
18	Integrative Network Analysis Linking Clinical Outcomes With Environmental Exposures and Molecular Variations in Service Personnel Deployed to Balad and Bagram. Journal of Occupational and Environmental Medicine, 2019, 61, S65-S72.	0.9	6

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19	Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops. Journal of Occupational and Environmental Medicine, 2019, 61, S1-S4.	0.9	5
20	Associations of Benzo(ghi)perylene and Heptachlorodibenzo-p-dioxin in Serum of Service Personnel Deployed to Balad, Iraq, and Bagram, Afghanistan Correlates With Perturbed Amino Acid Metabolism in Human Lung Fibroblasts. Journal of Occupational and Environmental Medicine, 2019, 61, S35-S44.	0.9	4
21	Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts. Journal of Occupational and Environmental Medicine, 2019, 61, S82-S89.	0.9	9
22	Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Antifibrotic Prostaglandins. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 269-278.	1.4	37
23	Secondhand Smoke Induces Inflammation and Impairs Immunity to Respiratory Infections. Journal of Immunology, 2018, 200, 2927-2940.	0.4	42
24	Lipoxin B4 Enhances Human Memory B Cell Antibody Production via Upregulating Cyclooxygenase-2 Expression. Journal of Immunology, 2018, 201, 3343-3351.	0.4	30
25	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.	1.3	33
26	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.	1.3	15
27	Key roles for lipid mediators in the adaptive immune response. Journal of Clinical Investigation, 2018, 128, 2724-2731.	3.9	50
28	Comparison of in vitro toxicological effects of biomass smoke from different sources of animal dung. Toxicology in Vitro, 2017, 43, 76-86.	1.1	14
29	The Lactate Dehydrogenase Inhibitor Gossypol Inhibits Radiation-Induced Pulmonary Fibrosis. Radiation Research, 2017, 188, 35-43.	0.7	34
30	Corticosteroids inhibit anti-IgE activities of specialized proresolving mediators on B cells from asthma patients. JCI Insight, 2017, 2, e88588.	2.3	13
31	The histone deacetylase inhibitor, romidepsin, as a potential treatment for pulmonary fibrosis. Oncotarget, 2017, 8, 48737-48754.	0.8	48
32	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.	1.3	25
33	Specialized proresolving mediators (SPMs) inhibit human Bâ€cell IgE production. European Journal of Immunology, 2016, 46, 81-91.	1.6	46
34	Endogenous ligands of the aryl hydrocarbon receptor regulate lung dendritic cell function. Immunology, 2016, 147, 41-54.	2.0	34
35	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.	1.3	18
36	Detection of Serum microRNAs From Department of Defense Serum Repository. Journal of Occupational and Environmental Medicine, 2016, 58, S62-S71.	0.9	17

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37	MicroRNAs as Novel Biomarkers of Deployment Status and Exposure to Polychlorinated Dibenzo-p-Dioxins/Dibenzofurans. Journal of Occupational and Environmental Medicine, 2016, 58, S89-S96.	0.9	20
38	Introduction to Department of Defense Research on Burn Pits, Biomarkers, and Health Outcomes Related to Deployment in Iraq and Afghanistan. Journal of Occupational and Environmental Medicine, 2016, 58, S3-S11.	0.9	22
39	Resolvin D1 Dampens Pulmonary Inflammation and Promotes Clearance of Nontypeable Haemophilus influenzae. Journal of Immunology, 2016, 196, 2742-2752.	0.4	34
40	Normal Human Lung Epithelial Cells Inhibit Transforming Growth Factor-Î² Induced Myofibroblast Differentiation via Prostaglandin E2. PLoS ONE, 2015, 10, e0135266.	1.1	55
41	Pharmacologic inhibition of lactate production prevents myofibroblast differentiation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1305-L1312.	1.3	50
42	Ionizing radiation induces myofibroblast differentiation via lactate dehydrogenase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L879-L887.	1.3	37
43	Resolvin D1 Reduces Emphysema and Chronic Inflammation. American Journal of Pathology, 2015, 185, 3189-3201.	1.9	69
44	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.	1.3	79
45	Thy1 (CD90) controls adipogenesis by regulating activity of the Src family kinase, Fyn. FASEB Journal, 2015, 29, 920-931.	0.2	55
46	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.	1.4	56
47	Cigarette Smoke Exposure Exacerbates Lung Inflammation and Compromises Immunity to Bacterial Infection. Journal of Immunology, 2014, 192, 5226-5235.	0.4	102
48	Resolvin D1 Attenuates Polyinosinic-Polycytidylic Acidâ€“Induced Inflammatory Signaling in Human Airway Epithelial Cells via TAK1. Journal of Immunology, 2014, 193, 4980-4987.	0.4	57
49	The Triterpenoid CDDO-Me Inhibits Bleomycin-Induced Lung Inflammation and Fibrosis. PLoS ONE, 2013, 8, e63798.	1.1	47
50	Attenuation of inflammatory mediator production by the NF-ÎºB member RelB is mediated by microRNA-146a in lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L774-L781.	1.3	25
51	Neu-164 and Neu-107, two novel antioxidant and anti-myeloperoxidase compounds, inhibit acute cigarette smoke-induced lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L165-L174.	1.3	15
52	A Novel Anti-Inflammatory and Pro-Resolving Role for Resolvin D1 in Acute Cigarette Smoke-Induced Lung Inflammation. PLoS ONE, 2013, 8, e58258.	1.1	174
53	Emerging PPARÎ³-Independent Role of PPARÎ³Ligands in Lung Diseases. PPAR Research, 2012, 2012, 1-13.	1.1	18
54	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.	1.4	57

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55	Peroxisome Proliferator-Activated Receptor Î³ B Cell-Specificâ€“Deficient Mice Have an Impaired Antibody Response. Journal of Immunology, 2012, 189, 4740-4747.	0.4	27
56	Lung-Targeted Overexpression of the NF-ÎºB Member RelB Inhibits Cigarette Smokeâ€“Induced Inflammation. American Journal of Pathology, 2011, 179, 125-133.	1.9	50
57	PPAR-Î³ Ligands Repress TGFÎ²-Induced Myofibroblast Differentiation by Targeting the PI3K/Akt Pathway: Implications for Therapy of Fibrosis. PLoS ONE, 2011, 6, e15909.	1.1	167
58	Transglutaminase 2 and Its Role in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 699-707.	2.5	151
59	Electrophilic PPARÎ³ Ligands Attenuate IL-1Î² and Silica-Induced Inflammatory Mediator Production in Human Lung Fibroblasts via a PPARÎ³-Independent Mechanism. PPAR Research, 2011, 2011, 1-11.	1.1	13
60	Peroxisome proliferator-activated receptor-Î³ ligands induce heme oxygenase-1 in lung fibroblasts by a PPARÎ³-independent, glutathione-dependent mechanism. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L912-L919.	1.3	44
61	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.	1.4	65
62	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.	1.6	135
63	High-dose but not low-dose mainstream cigarette smoke suppresses allergic airway inflammation by inhibiting T cell function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L412-L421.	1.3	47
64	The Role of TGF-Î² in Radiation and Chemotherapy Induced Pulmonary Fibrosis: Inhibition of TGF-Î² as a Novel Therapeutic Strategy. , 2008, , 629-647.		0
65	The Role of PPARs in Lung Fibrosis. PPAR Research, 2007, 2007, 1-10.	1.1	95
66	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.	1.9	163
67	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.	0.5	139
68	Topical Imiquimod Treatment Prevents UV-Light Induced Loss of Contact Hypersensitivity and Immune Tolerance. Journal of Investigative Dermatology, 2006, 126, 821-831.	0.3	44
69	Autologous T-Lymphocytes Stimulate Proliferation of Orbital Fibroblasts Derived from Patients with Gravesâ€™ Ophthalmopathy. , 2005, 46, 3913.		102
70	Role of CXCR2 in cigarette smoke-induced lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L322-L328.	1.3	144
71	Crystalline and amorphous silica differentially regulate the cyclooxygenase-prostaglandin pathway in pulmonary fibroblasts: implications for pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L1010-L1016.	1.3	34
72	PPARÎ³ agonists inhibit TGF-Î² induced pulmonary myofibroblast differentiation and collagen production: implications for therapy of lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L1146-L1153.	1.3	279

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73	SENSITIVITY TO BLEOMYCIN-INDUCED LUNG INJURY IS NOT MODERATED BY AN ANTIGEN-LIMITED T-CELL REPERTOIRE. Experimental Lung Research, 2005, 31, 685-700.	0.5	6
74	Bacterial Protease Treatment of Natural Rubber Latex Alters Its Primary Immunogenicity in a Mouse Model of Sensitization. Clinical Immunology, 2002, 105, 9-16.	1.4	9
75	Independent evolutionary origin of histone H3.3-like variants of animals and Tetrahymena. Nucleic Acids Research, 1994, 22, 180-186.	6.5	48
76	Phylogenetic analysis of the core histones H2A, H2B, H3, and H4. Nucleic Acids Research, 1994, 22, 174-179.	6.5	199
77	Perspectives on tubulin isotype function and evolution based on the observation thatTetrahymena thermophila microtubules contain a single ?- and ?-tubulin. Cytoskeleton, 1993, 25, 243-253.	4.4	78
78	A Temperature-Sensitive Cell Cycle Arrest Mutation Affecting H1 Phosphorylation and Nuclear Localization of a Small Heat Shock Protein in Tetrahymena thermophila. Experimental Cell Research, 1993, 209, 261-270.	1.2	8
79	From Biomarker to Mechanism? F2-isoprostanes in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 0, , .	2.5	0