

# Thomas Thatcher

## List of Publications by Year in descending order

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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	PPAR $\beta$ agonists inhibit TGF- $\beta$ 2 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
2	Phylogenetic analysis of the core histones H2A, H2B, H3, and H4. Nucleic Acids Research, 1994, 22, 174-179.	6.5	199
3	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
4	PPAR- $\beta$ Ligands Repress TGF $\beta$ 2-Induced Myofibroblast Differentiation by Targeting the PI3K/Akt Pathway: Implications for Therapy of Fibrosis. PLoS ONE, 2011, 6, e15909.	1.1	167
5	Aryl Hydrocarbon Receptor-Deficient Mice Develop Heightened Inflammatory Responses to Cigarette Smoke and Endotoxin Associated with Rapid Loss of the Nuclear Factor- $\kappa$ B Component RelB. American Journal of Pathology, 2007, 170, 855-864.	1.9	163
6	Transglutaminase 2 and Its Role in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 699-707.	2.5	151
7	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
8	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
9	The Aryl Hydrocarbon Receptor Attenuates Tobacco Smoke-induced Cyclooxygenase-2 and Prostaglandin Production in Lung Fibroblasts through Regulation of the NF- $\kappa$ B Family Member RelB. Journal of Biological Chemistry, 2008, 283, 28944-28957.	1.6	135
10	Autologous T-Lymphocytes Stimulate Proliferation of Orbital Fibroblasts Derived from Patients with Graves' Ophthalmopathy. , 2005, 46, 3913.		102
11	Cigarette Smoke Exposure Exacerbates Lung Inflammation and Compromises Immunity to Bacterial Infection. Journal of Immunology, 2014, 192, 5226-5235.	0.4	102
12	The Role of PPARs in Lung Fibrosis. PPAR Research, 2007, 2007, 1-10.	1.1	95
13	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
14	Perspectives on tubulin isotype function and evolution based on the observation that Tetrahymena thermophila microtubules contain a single $\alpha$ - and $\beta$ -tubulin. Cytoskeleton, 1993, 25, 243-253.	4.4	78
15	Resolvin D1 Reduces Emphysema and Chronic Inflammation. American Journal of Pathology, 2015, 185, 3189-3201.	1.9	69
16	Electrophilic Peroxisome Proliferator-Activated Receptor- $\beta$ Ligands Have Potent Antifibrotic Effects in Human Lung Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 722-730.	1.4	65
17	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
18	Resolvin D1 Attenuates Polyinosinic-Polycytidylic Acid-Induced Inflammatory Signaling in Human Airway Epithelial Cells via TAK1. Journal of Immunology, 2014, 193, 4980-4987.	0.4	57

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19	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.	1.4	56
20	Normal Human Lung Epithelial Cells Inhibit Transforming Growth Factor- $\beta^2$ Induced Myofibroblast Differentiation via Prostaglandin E2. <i>PLoS ONE</i> , 2015, 10, e0135266.	1.1	55
21	Thy1 (CD90) controls adipogenesis by regulating activity of the Src family kinase, Fyn. <i>FASEB Journal</i> , 2015, 29, 920-931.	0.2	55
22	Lung-Targeted Overexpression of the NF- $\kappa$ B Member RelB Inhibits Cigarette Smoke-Induced Inflammation. <i>American Journal of Pathology</i> , 2011, 179, 125-133.	1.9	50
23	Pharmacologic inhibition of lactate production prevents myofibroblast differentiation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1305-L1312.	1.3	50
24	Key roles for lipid mediators in the adaptive immune response. <i>Journal of Clinical Investigation</i> , 2018, 128, 2724-2731.	3.9	50
25	Independent evolutionary origin of histone H3.3-like variants of animals and Tetrahymena. <i>Nucleic Acids Research</i> , 1994, 22, 180-186.	6.5	48
26	The histone deacetylase inhibitor, romidepsin, as a potential treatment for pulmonary fibrosis. <i>Oncotarget</i> , 2017, 8, 48737-48754.	0.8	48
27	High-dose but not low-dose mainstream cigarette smoke suppresses allergic airway inflammation by inhibiting T cell function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L412-L421.	1.3	47
28	The Triterpenoid CDDO-Me Inhibits Bleomycin-Induced Lung Inflammation and Fibrosis. <i>PLoS ONE</i> , 2013, 8, e63798.	1.1	47
29	Specialized proresolving mediators (SPMs) inhibit human B-cell IgE production. <i>European Journal of Immunology</i> , 2016, 46, 81-91.	1.6	46
30	Topical Imiquimod Treatment Prevents UV-Light Induced Loss of Contact Hypersensitivity and Immune Tolerance. <i>Journal of Investigative Dermatology</i> , 2006, 126, 821-831.	0.3	44
31	Peroxisome proliferator-activated receptor- $\beta^3$ ligands induce heme oxygenase-1 in lung fibroblasts by a PPAR $\beta^3$ -independent, glutathione-dependent mechanism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L912-L919.	1.3	44
32	Secondhand Smoke Induces Inflammation and Impairs Immunity to Respiratory Infections. <i>Journal of Immunology</i> , 2018, 200, 2927-2940.	0.4	42
33	Ionizing radiation induces myofibroblast differentiation via lactate dehydrogenase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L879-L887.	1.3	37
34	Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Antifibrotic Prostaglandins. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 269-278.	1.4	37
35	Crystalline and amorphous silica differentially regulate the cyclooxygenase-prostaglandin pathway in pulmonary fibroblasts: implications for pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L1010-L1016.	1.3	34
36	Endogenous ligands of the aryl hydrocarbon receptor regulate lung dendritic cell function. <i>Immunology</i> , 2016, 147, 41-54.	2.0	34

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37	Resolvin D1 Dampens Pulmonary Inflammation and Promotes Clearance of Nontypeable <i>Haemophilus influenzae</i> . <i>Journal of Immunology</i> , 2016, 196, 2742-2752.	0.4	34
38	The Lactate Dehydrogenase Inhibitor Gossypol Inhibits Radiation-Induced Pulmonary Fibrosis. <i>Radiation Research</i> , 2017, 188, 35-43.	0.7	34
39	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.	1.3	33
40	Lipoxin B4 Enhances Human Memory B Cell Antibody Production via Upregulating Cyclooxygenase-2 Expression. <i>Journal of Immunology</i> , 2018, 201, 3343-3351.	0.4	30
41	Mechanical Feed-Forward Loops Contribute to Idiopathic Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2021, 191, 18-25.	1.9	29
42	Peroxisome Proliferator-Activated Receptor $\beta$ B Cell-Specific Deficient Mice Have an Impaired Antibody Response. <i>Journal of Immunology</i> , 2012, 189, 4740-4747.	0.4	27
43	Attenuation of inflammatory mediator production by the NF- $\kappa$ B member RelB is mediated by microRNA-146a in lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L774-L781.	1.3	25
44	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.	1.3	25
45	Introduction to Department of Defense Research on Burn Pits, Biomarkers, and Health Outcomes Related to Deployment in Iraq and Afghanistan. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S3-S11.	0.9	22
46	MicroRNAs as Novel Biomarkers of Deployment Status and Exposure to Polychlorinated Dibenzo-p-Dioxins/Dibenzofurans. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S89-S96.	0.9	20
47	Cigarette smoke increases susceptibility to infection in lung epithelial cells by upregulating caveolin-dependent endocytosis. <i>PLoS ONE</i> , 2020, 15, e0232102.	1.1	19
48	Emerging PPAR $\beta$ -Independent Role of PPAR $\beta$ Ligands in Lung Diseases. <i>PPAR Research</i> , 2012, 2012, 1-13.	1.1	18
49	Human lung fibroblasts produce proresolving peroxisome proliferator-activated receptor- $\beta$ ligands in a cyclooxygenase-2-dependent manner. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L855-L867.	1.3	18
50	Detection of Serum microRNAs From Department of Defense Serum Repository. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S62-S71.	0.9	17
51	Quenching the fires: Pro-resolving mediators, air pollution, and smoking. , 2019, 197, 212-224.		17
52	Specialized pro-resolving mediators as modulators of immune responses. <i>Seminars in Immunology</i> , 2022, 59, 101605.	2.7	17
53	Neu-164 and Neu-107, two novel antioxidant and anti-myeloperoxidase compounds, inhibit acute cigarette smoke-induced lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L165-L174.	1.3	15
54	Activated human T lymphocytes inhibit TGF $\beta$ <sup>2</sup> -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.	1.3	15

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55	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.	0.2	15
56	Comparison of in vitro toxicological effects of biomass smoke from different sources of animal dung. <i>Toxicology in Vitro</i> , 2017, 43, 76-86.	1.1	14
57	Electrophilic PPAR $\beta$ Ligands Attenuate IL-1 $\beta$ and Silica-Induced Inflammatory Mediator Production in Human Lung Fibroblasts via a PPAR $\beta$ -Independent Mechanism. <i>PPAR Research</i> , 2011, 2011, 1-11.	1.1	13
58	AT-RvD1 Mitigates Secondhand Smoke-Exacerbated Pulmonary Inflammation and Restores Secondhand Smoke-Suppressed Antibacterial Immunity. <i>Journal of Immunology</i> , 2021, 206, 1348-1360.	0.4	13
59	Corticosteroids inhibit anti-IgE activities of specialized proresolving mediators on B cells from asthma patients. <i>JCI Insight</i> , 2017, 2, e88588.	2.3	13
60	Specialized Proresolving Mediators Overcome Immune Suppression Induced by Exposure to Secondhand Smoke. <i>Journal of Immunology</i> , 2020, 205, 3205-3217.	0.4	12
61	The self-fulfilling prophecy of pulmonary fibrosis: a selective inspection of pathological signalling loops. <i>European Respiratory Journal</i> , 2020, 56, 2000075.	3.1	10
62	Bacterial Protease Treatment of Natural Rubber Latex Alters Its Primary Immunogenicity in a Mouse Model of Sensitization. <i>Clinical Immunology</i> , 2002, 105, 9-16.	1.4	9
63	Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S82-S89.	0.9	9
64	A Temperature-Sensitive Cell Cycle Arrest Mutation Affecting H1 Phosphorylation and Nuclear Localization of a Small Heat Shock Protein in <i>Tetrahymena thermophila</i> . <i>Experimental Cell Research</i> , 1993, 209, 261-270.	1.2	8
65	Advances in Comprehensive Exposure Assessment. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S5-S14.	0.9	7
66	SENSITIVITY TO BLEOMYCIN-INDUCED LUNG INJURY IS NOT MODERATED BY AN ANTIGEN-LIMITED T-CELL REPERTOIRE. <i>Experimental Lung Research</i> , 2005, 31, 685-700.	0.5	6
67	Analysis of Postdeployment Serum Samples Identifies Potential Biomarkers of Exposure to Burn Pits and Other Environmental Hazards. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S45-S54.	0.9	6
68	Integrative Network Analysis Linking Clinical Outcomes With Environmental Exposures and Molecular Variations in Service Personnel Deployed to Balad and Bagram. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S65-S72.	0.9	6
69	Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S1-S4.	0.9	5
70	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. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S35-S44.	0.9	4
71	Dung biomass smoke exposure impairs resolution of inflammatory responses to influenza infection. <i>Toxicology and Applied Pharmacology</i> , 2022, 450, 116160.	1.3	4
72	Machine Learning Approach for Predicting Past Environmental Exposures From Molecular Profiling of Post-Exposure Human Serum Samples. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S55-S64.	0.9	3

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73	The Role of TGF- $\beta$ 2 in Radiation and Chemotherapy Induced Pulmonary Fibrosis: Inhibition of TGF- $\beta$ 2 as a Novel Therapeutic Strategy. , 2008, , 629-647.		0
74	Title is missing!. , 2020, 15, e0232102.		0
75	Title is missing!. , 2020, 15, e0232102.		0
76	Title is missing!. , 2020, 15, e0232102.		0
77	Title is missing!. , 2020, 15, e0232102.		0
78	Title is missing!. , 2020, 15, e0232102.		0
79	From Biomarker to Mechanism? F2-isoprostanes in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 0, , .	2.5	0