

Robert M Tighe

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,232
citations

394286

19
h-index

395590

33
g-index

53
all docs

53
docs citations

53
times ranked

2670
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Myeloid Cell Subsets in Murine Lungs Using Flow Cytometry. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 180-189.	1.4	212
2	Flow Cytometric Analysis of Myeloid Cells in Human Blood, Bronchoalveolar Lavage, and Lung Tissues. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 13-24.	1.4	191
3	Ambient ozone and pulmonary innate immunity. <i>Immunologic Research</i> , 2011, 49, 173-191.	1.3	67
4	Recruited Exudative Macrophages Selectively Produce CXCL10 after Noninfectious Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 781-788.	1.4	57
5	Full Spectrum of LPS Activation in Alveolar Macrophages of Healthy Volunteers by Whole Transcriptomic Profiling. <i>PLoS ONE</i> , 2016, 11, e0159329.	1.1	51
6	TLR5 participates in the TLR4 receptor complex and promotes MyD88-dependent signaling in environmental lung injury. <i>ELife</i> , 2020, 9, .	2.8	51
7	Improving the Quality and Reproducibility of Flow Cytometry in the Lung. An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 150-161.	1.4	49
8	Specialized Pro-Resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation. <i>Toxicological Sciences</i> , 2018, 163, 466-477.	1.4	42
9	Arginase1 Deficiency in Monocytes/Macrophages Upregulates Inducible Nitric Oxide Synthase To Promote Cutaneous Contact Hypersensitivity. <i>Journal of Immunology</i> , 2017, 199, 1827-1834.	0.4	39
10	Sex Modifies Acute Ozone-Mediated Airway Physiologic Responses. <i>Toxicological Sciences</i> , 2019, 169, 499-510.	1.4	37
11	Ozone Inhalation Promotes CX3CR1-Dependent Maturation of Resident Lung Macrophages That Limit Oxidative Stress and Inflammation. <i>Journal of Immunology</i> , 2011, 187, 4800-4808.	0.4	36
12	Hyaluronan interactions with innate immunity in lung biology. <i>Matrix Biology</i> , 2019, 78-79, 84-99.	1.5	34
13	Euthanasia- and Lavage-mediated Effects on Bronchoalveolar Measures of Lung Injury and Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 257-266.	1.4	32
14	An IL-9â€œpulmonary macrophage axis defines the allergic lung inflammatory environment. <i>Science Immunology</i> , 2022, 7, eabi9768.	5.6	29
15	Management of Idiopathic Pulmonary Fibrosis. <i>Annals of Pharmacotherapy</i> , 2019, 53, 1238-1248.	0.9	27
16	Sex Differences in Pulmonary Eicosanoids and Specialized Pro-Resolving Mediators in Response to Ozone Exposure. <i>Toxicological Sciences</i> , 2021, 183, 170-183.	1.4	25
17	Genes of Innate Immunity and the Biological Response to Inhaled Ozone. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 3-16.	1.4	24
18	Using hyperpolarized ¹²⁹ Xe gas-exchange MRI to model the regional airspace, membrane, and capillary contributions to diffusing capacity. <i>Journal of Applied Physiology</i> , 2021, 130, 1398-1409.	1.2	23

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19	¹²⁹ Xenon Gas Exchange Magnetic Resonance Imaging as a Potential Prognostic Marker for Progression of Idiopathic Pulmonary Fibrosis. <i>Annals of the American Thoracic Society</i> , 2020, 17, 121-125.	1.5	22
20	Ozone primes alveolar macrophage-derived innate immunity in healthy human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1213-1215.e1.	1.5	13
21	Silica Exposure Differentially Modulates Autoimmunity in Lupus Strains and Autoantibody Transgenic Mice. <i>Frontiers in Immunology</i> , 2019, 10, 2336.	2.2	12
22	Repetitive Ozone Exposures and Evaluation of Pulmonary Inflammation and Remodeling in Diabetic Mouse Strains. <i>Environmental Health Perspectives</i> , 2020, 128, 117009.	2.8	11
23	Hyperpolarized ¹²⁹ Xe MRI and Spectroscopy of Gas-Exchange Abnormalities in Nonspecific Interstitial Pneumonia. <i>Radiology</i> , 2021, 301, 211-220.	3.6	11
24	Mouse pulmonary interstitial macrophages mediate the pro-tumorigenic effects of IL-9. <i>Nature Communications</i> , 2022, 13, .	5.8	11
25	Effect of the <i>S</i> -nitrosoglutathione reductase inhibitor N6022 on bronchial hyperreactivity in asthma. <i>Immunity, Inflammation and Disease</i> , 2018, 6, 322-331.	1.3	10
26	Physiologic response to chronic house dust mite exposure in mice is dependent on lot characteristics. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1428-1432.e8.	1.5	10
27	Scavenger Receptor BI Attenuates IL-17A-Dependent Neutrophilic Inflammation in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 698-708.	1.4	10
28	Role of Innate Immune System in Environmental Lung Diseases. <i>Current Allergy and Asthma Reports</i> , 2021, 21, 34.	2.4	9
29	Immediate Release of Gastrin-Releasing Peptide Mediates Delayed Radiation-Induced Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2019, 189, 1029-1040.	1.9	8
30	Life at the Editorial "COVID Frontline". <i>The American Thoracic Society Journal Family. American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1457-1459.	2.5	8
31	Isolation and Characterization of Human Lung Myeloid Cells. <i>Methods in Molecular Biology</i> , 2018, 1809, 111-119.	0.4	7
32	Interstitial lung disease in a veterans affairs regional network; a retrospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0247316.	1.1	7
33	A novel role for primary cilia in airway remodeling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L328-L338.	1.3	5
34	The environment shapes swine lung bacterial communities. <i>Science of the Total Environment</i> , 2021, 758, 143623.	3.9	5
35	Wood smoke particle exposure in mice reduces the severity of influenza infection. <i>Toxicology and Applied Pharmacology</i> , 2021, 426, 115645.	1.3	5
36	Extracellular Matrix Protein Mindin is Required for the Complete Allergic Response to Fungal-Associated Proteinase. <i>Journal of Allergy & Therapy</i> , 2012, 01, .	0.1	4

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37	Uncovering the Epidemiology of Idiopathic Pulmonary Fibrosis in the Veterans Affairs Health System. <i>Annals of the American Thoracic Society</i> , 2022, 19, 161-162.	1.5	4
38	Genetic variation in surfactant protein-A2 alters responses to ozone. <i>PLoS ONE</i> , 2021, 16, e0247504.	1.1	3
39	ATS Core Curriculum 2015. Part I: Adult Pulmonary Medicine. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1387-1397.	1.5	2
40	Air Pollution and Immune Function. <i>Molecular and Integrative Toxicology</i> , 2015, , 289-321.	0.5	2
41	Flow Cytometry for the Immunotoxicologist. <i>Methods in Molecular Biology</i> , 2018, 1803, 183-197.	0.4	2
42	What Is "Normal" When Examining Myeloid Cells in Human Airways?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 931-932.	2.5	2
43	Ozone-Induced Models of Airway Hyperreactivity and Epithelial Injury. <i>Methods in Molecular Biology</i> , 2022, , 67-81.	0.4	2
44	Inflammation Gets on the Lung's Nerves: IL-17 and Neuroendocrine Cells Mediate Ozone Responses in Obesity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 284-285.	1.4	1
45	Ozone Responses and Diet: Does Sex Determine the Relationship?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 409-410.	1.4	1
46	Know Where You Are: Pulmonary Macrophage Locations in the Human Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1169-1170.	2.5	1
47	HIV, Smoking, and COPD: A Case of T Cells Stuck in the Wrong Place?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 464-465.	1.4	0
48	TLR5 Participates in the TLR4 Receptor Complex and Biases Towards MyD88-Dependent Signaling in Environmental Lung Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0