

Megan N Ballinger

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,153
citations

257357

24
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233338

45
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54
all docs

54
docs citations

54
times ranked

3457
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical Force and Cellular Stiffness in Lung Fibrosis. <i>American Journal of Pathology</i> , 2022, 192, 750-761.	1.9	23
2	PolyADP-Ribosylation of NFATc3 and NF- κ B Transcription Factors Modulate Macrophage Inflammatory Gene Expression in LPS-Induced Acute Lung Injury. <i>Journal of Innate Immunity</i> , 2021, 13, 83-93.	1.8	17
3	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
4	Mechanobiology of Pulmonary Diseases: A Review of Engineering Tools to Understand Lung Mechanotransduction. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	13
5	Pumping the Brakes on Pulmonary Fibrosis: A New Role for Regulator of Cell Cycle. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, , .	1.4	0
6	Macrophage HIF-1 α mediates obesity-related adipose tissue dysfunction via interleukin-1 receptor-associated kinase M. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E689-E700.	1.8	22
7	Depletion of microRNA-451 in response to allergen exposure accentuates asthmatic inflammation by regulating Sirtuin2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L921-L930.	1.3	15
8	IRAK-M Regulates Monocyte Trafficking to the Lungs in Response to Bleomycin Challenge. <i>Journal of Immunology</i> , 2020, 204, 2661-2670.	0.4	8
9	Sirtuin 2 enhances allergic asthmatic inflammation. <i>JCI Insight</i> , 2019, 4, .	2.3	22
10	FoxO1 is a critical regulator of M2-like macrophage activation in allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 535-548.	2.7	29
11	Morphological and functional characterization of honey bee, <i>Apis mellifera</i> , hemocyte cell communities. <i>Apidologie</i> , 2018, 49, 397-410.	0.9	32
12	Inhibition of nuclear factor of activated T cells (NFAT) c3 activation attenuates acute lung injury and pulmonary edema in murine models of sepsis. <i>Oncotarget</i> , 2018, 9, 10606-10620.	0.8	22
13	Unhinging the machinery of sepsis: An unexpected role for vascular smooth muscle. <i>Journal of Leukocyte Biology</i> , 2018, 104, 661-663.	1.5	1
14	Mast Cell-Intervertebral disc cell interactions regulate inflammation, catabolism and angiogenesis in Discogenic Back Pain. <i>Scientific Reports</i> , 2017, 7, 12492.	1.6	49
15	FoxO1 regulates allergic asthmatic inflammation through regulating polarization of the macrophage inflammatory phenotype. <i>Oncotarget</i> , 2016, 7, 17532-17546.	0.8	51
16	Pulmonary Macrophages: Overlooked and Underappreciated. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 1-2.	1.4	8
17	MicroRNA-155 regulates host immune response to postviral bacterial pneumonia via IL-23/IL-17 pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L465-L475.	1.3	47
18	Inhibition of Neutrophil Extracellular Trap Formation after Stem Cell Transplant by Prostaglandin E ₂ . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 186-197.	2.5	64

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19	Linezolid Has Unique Immunomodulatory Effects in Post-Influenza Community Acquired MRSA Pneumonia. PLoS ONE, 2015, 10, e0114574.	1.1	18
20	Tolerance and Cross-Tolerance following Toll-Like Receptor (TLR)-4 and -9 Activation Are Mediated by IRAK-M and Modulated by IL-7 in Murine Splenocytes. PLoS ONE, 2015, 10, e0132921.	1.1	15
21	IRAK-M Promotes Alternative Macrophage Activation and Fibroproliferation in Bleomycin-Induced Lung Injury. Journal of Immunology, 2015, 194, 1894-1904.	0.4	47
22	Epigenetic Regulation of Tolerance to Toll-Like Receptor Ligands in Alveolar Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 872-881.	1.4	28
23	Redundant and Cooperative Interactions between TLR5 and NLRC4 in Protective Lung Mucosal Immunity against <i>Pseudomonas aeruginosa</i> . Journal of Innate Immunity, 2015, 7, 177-186.	1.8	27
24	TLR9-Dependent IL-23/IL-17 Is Required for the Generation of <i>Stachybotrys chartarum</i> -Induced Hypersensitivity Pneumonitis. Journal of Immunology, 2013, 190, 349-356.	0.4	19
25	Innate Immune Responses in Ventilator-Associated Pneumonia. , 2013, , 185-212.		4
26	TLR4-dependent GM-CSF protects against lung injury in Gram-negative bacterial pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L447-L454.	1.3	61
27	TLR Signaling Prevents Hyperoxia-Induced Lung Injury by Protecting the Alveolar Epithelium from Oxidant-Mediated Death. Journal of Immunology, 2012, 189, 356-364.	0.4	21
28	Cathelicidin-Related Antimicrobial Peptide Is Required for Effective Lung Mucosal Immunity in Gram-Negative Bacterial Pneumonia. Journal of Immunology, 2012, 189, 304-311.	0.4	97
29	PTEN Directly Activates the Actin Depolymerization Factor Cofilin-1 During PGE ₂ -Mediated Inhibition of Phagocytosis of Fungi. Science Signaling, 2012, 5, ra12.	1.6	61
30	Expression Of Novel IL-1 Family Members In Murine Gram-Negative Pneumonia. , 2012, , .		0
31	The TLR Signaling Inhibitor IRAK-M Potentiates Bleomycin-Induced Lung Injury And Fibrosis. , 2012, , .		0
32	Cooperative Roles Of TLR5 And Ipaf In Murine Pseudomonas Aeruginosa Pneumonia. , 2012, , .		0
33	Stachybotrys chartarum-Induced Hypersensitivity Pneumonitis Is TLR9 Dependent. American Journal of Pathology, 2011, 179, 2779-2787.	1.9	22
34	The Role Of An Important Negative Regulator Of Toll Like Receptor Signaling, IRAK-M, In Mediating The Generation Of Antioxidants During Hyperoxic Lung Injury. , 2011, , .		0
35	TLR4-Mediated GM-CSF Protects Against Lung Injury In Gram-Negative Bacterial Pneumonia. , 2011, , .		0
36	Impaired neonatal macrophage phagocytosis is not explained by overproduction of prostaglandin E2. Respiratory Research, 2011, 12, 155.	1.4	8

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37	Leukotrienes Target F-actin/Cofilin-1 to Enhance Alveolar Macrophage Anti-fungal Activity. Journal of Biological Chemistry, 2011, 286, 28902-28913.	1.6	36
38	Th17 Polarized Immune Responses In A Murine Model Of Hypersensitivity Pneumonitis: Role Of TLR9. , 2010, , .		0
39	The Role Of IRAK-M In Regulating Acute Lung Injury. , 2010, , .		0
40	Cooperative Interactions between TLR4 and TLR9 Regulate Interleukin 23 and 17 Production in a Murine Model of Gram Negative Bacterial Pneumonia. PLoS ONE, 2010, 5, e9896.	1.1	51
41	A Role for IL-1 Receptor-Associated Kinase-M in Prostaglandin E2-Induced Immunosuppression Post-Bone Marrow Transplantation. Journal of Immunology, 2010, 184, 6299-6308.	0.4	47
42	Postinfluenza Bacterial Pneumonia: Host Defenses Gone Awry. Journal of Interferon and Cytokine Research, 2010, 30, 643-652.	0.5	81
43	Transient Increase in Cyclic AMP Localized to Macrophage Phagosomes. PLoS ONE, 2010, 5, e13962.	1.1	11
44	Crosstalk between Prostaglandin E2 and Leukotriene B4 Regulates Phagocytosis in Alveolar Macrophages via Combinatorial Effects on Cyclic AMP. Journal of Immunology, 2009, 182, 530-537.	0.4	38
45	Cyclic AMP. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 127-132.	1.4	337
46	Paradoxical role of alveolar macrophage-derived granulocyte-macrophage colony-stimulating factor in pulmonary host defense post-bone marrow transplantation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L114-L122.	1.3	19
47	COMPARISON OF CONDITIONING REGIMENS FOR ALVEOLAR MACROPHAGE RECONSTITUTION AND INNATE IMMUNE FUNCTION POST BONE MARROW TRANSPLANT. Experimental Lung Research, 2008, 34, 263-275.	0.5	38
48	Synthetic Prostacyclin Analogs Differentially Regulate Macrophage Function via Distinct Analog-Receptor Binding Specificities. Journal of Immunology, 2007, 178, 1628-1634.	0.4	78
49	Prostaglandin E2 Suppresses Bacterial Killing in Alveolar Macrophages by Inhibiting NADPH Oxidase. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 562-570.	1.4	148
50	Eicosanoid regulation of pulmonary innate immunity post-hematopoietic stem cell transplantation. Archivum Immunologiae Et Therapiae Experimentalis, 2007, 55, 1-12.	1.0	28
51	Role of Granulocyte Macrophage Colony-Stimulating Factor during Gram-Negative Lung Infection with Pseudomonas aeruginosa. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 766-774.	1.4	94
52	Critical Role of Prostaglandin E2 Overproduction in Impaired Pulmonary Host Response following Bone Marrow Transplantation. Journal of Immunology, 2006, 177, 5499-5508.	0.4	78
53	Bleomycin-Induced E Prostanoid Receptor Changes Alter Fibroblast Responses to Prostaglandin E2. Journal of Immunology, 2005, 174, 5644-5649.	0.4	123
54	Defective Phagocytosis and Clearance of Pseudomonas aeruginosa in the Lung Following Bone Marrow Transplantation. Journal of Immunology, 2003, 171, 4416-4424.	0.4	93