

# Megan N Ballinger

## List of Publications by Year in descending order

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54  
papers

2,153  
citations

257101

24  
h-index

233125

45  
g-index

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- $\kappa$ 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 $\alpha$ 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 <sub>2</sub> . <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 <sub>2</sub> -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	<i>Stachybotrys chartarum</i> -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. <i>Journal of Biological Chemistry</i> , 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. <i>PLoS ONE</i> , 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. <i>Journal of Immunology</i> , 2010, 184, 6299-6308.	0.4	47
42	Postinfluenza Bacterial Pneumonia: Host Defenses Gone Awry. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 643-652.	0.5	81
43	Transient Increase in Cyclic AMP Localized to Macrophage Phagosomes. <i>PLoS ONE</i> , 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. <i>Journal of Immunology</i> , 2009, 182, 530-537.	0.4	38
45	Cyclic AMP. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 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. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L114-L122.	1.3	19
47	COMPARISON OF CONDITIONING REGIMENS FOR ALVEOLAR MACROPHAGE RECONSTITUTION AND INNATE IMMUNE FUNCTION POST BONE MARROW TRANSPLANT. <i>Experimental Lung Research</i> , 2008, 34, 263-275.	0.5	38
48	Synthetic Prostacyclin Analogs Differentially Regulate Macrophage Function via Distinct Analog-Receptor Binding Specificities. <i>Journal of Immunology</i> , 2007, 178, 1628-1634.	0.4	78
49	Prostaglandin E2 Suppresses Bacterial Killing in Alveolar Macrophages by Inhibiting NADPH Oxidase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 562-570.	1.4	148
50	Eicosanoid regulation of pulmonary innate immunity post-hematopoietic stem cell transplantation. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2007, 55, 1-12.	1.0	28
51	Role of Granulocyte Macrophage Colony-Stimulating Factor during Gram-Negative Lung Infection with <i>Pseudomonas aeruginosa</i> . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 766-774.	1.4	94
52	Critical Role of Prostaglandin E2 Overproduction in Impaired Pulmonary Host Response following Bone Marrow Transplantation. <i>Journal of Immunology</i> , 2006, 177, 5499-5508.	0.4	78
53	Bleomycin-Induced E Prostanoid Receptor Changes Alter Fibroblast Responses to Prostaglandin E2. <i>Journal of Immunology</i> , 2005, 174, 5644-5649.	0.4	123
54	Defective Phagocytosis and Clearance of <i>Pseudomonas aeruginosa</i> in the Lung Following Bone Marrow Transplantation. <i>Journal of Immunology</i> , 2003, 171, 4416-4424.	0.4	93