Joseph P Mizgerd

List of Publications by Year
in descending order

105	6,635	57681 46	75989 78
papers	citations	h-index	g-index

140	140	140	10491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Integrative Genomic Strategy Identifies sRAGE as a Causal and Protective Biomarker of Lung Function. Chest, 2022, 161, 76-84.	0.4	5
2	Stimulation of a subset of natural killer TÂcells by CD103+ DC is required for GM-CSF and protection from pneumococcal infection. Cell Reports, 2022, 38, 110209.	2.9	5
3	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, e1-e14.	1.4	82
4	Epithelial LIF signaling limits apoptosis and lung injury during bacterial pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L550-L563.	1.3	5
5	Neutrophil Extracellular Traps as an Exacerbating Factor in Bacterial Pneumonia. Infection and Immunity, 2022, 90, IAI0049121.	1.0	6
6	Recruitment and training of alveolar macrophages after pneumococcal pneumonia. JCI Insight, 2022, 7, .	2.3	12
7	SARS-CoV-2 Brain Regional Detection, Histopathology, Gene Expression, and Immunomodulatory Changes in Decedents with COVID-19. Journal of Neuropathology and Experimental Neurology, 2022, 81, 666-695.	0.9	22
8	Seedy CD8+ TRM cells in aging lungs drive susceptibility to pneumonia and sequelae. Cellular and Molecular Immunology, 2021, 18, 787-789.	4.8	2
9	Recent endemic coronavirus infection is associated with less-severe COVID-19. Journal of Clinical Investigation, 2021, 131, .	3.9	277
10	Neutrophil-Derived Oncostatin M Triggers Diverse Signaling Pathways during Pneumonia. Infection and Immunity, 2021, 89, .	1.0	3
11	Lung-resident memory B cells protect against bacterial pneumonia. Journal of Clinical Investigation, 2021, 131, .	3.9	62
12	Understanding the Host in the Management of Pneumonia. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2021, 18, 1087-1097.	1.5	17
13	Liver-Dependent Lung Remodeling during Systemic Inflammation Shapes Responses to Secondary Infection. Journal of Immunology, 2021, 207, 1891-1902.	0.4	3
14	Antigen presentation by lung epithelial cells directs CD4+ TRM cell function and regulates barrier immunity. Nature Communications, 2021, 12, 5834.	5.8	58
15	Comprehensive phenotyping of murine lung resident lymphocytes after recovery from pneumococcal pneumonia. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, , .	1.1	2
16	Lung CD4+ resident memory T cells remodel epithelial responses to accelerate neutrophil recruitment during pneumonia. Mucosal Immunology, 2020, 13, 334-343.	2.7	49
17	Identifying Clinical Research Priorities in Adult Pulmonary and Critical Care. NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 511-523.	2.5	40
18	Unique Roles for Streptococcus pneumoniae Phosphodiesterase 2 in Cyclic di-AMP Catabolism and Macrophage Responses. Frontiers in Immunology, 2020, 11, 554.	2.2	8

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19	Pneumonia recovery reprograms the alveolar macrophage pool. JCI Insight, 2020, 5, .	2.3	35
20	2-year survival among elderly hospitalised for acute respiratory infection versus hip fracture: a useful comparison to raise awareness. European Respiratory Review, 2020, 29, 200156.	3.0	3
21	Roles of interleukin-11 during acute bacterial pneumonia. PLoS ONE, 2019, 14, e0221029.	1.1	18
22	NF-ÎºB RelA Is Required for Hepatoprotection during Pneumonia and Sepsis. Infection and Immunity, 2019, 87, .	1.0	6
23	Epithelial membrane protein 2 governs transepithelial migration of neutrophils into the airspace. Journal of Clinical Investigation, 2019, 130, 157-170.	3.9	24
24	Riboflavin Metabolism Variation among Clinical Isolates of Streptococcus pneumoniae Results in Differential Activation of Mucosal-associated Invariant T Cells. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 767-776.	1.4	42
25	Future Research Directions in Pneumonia. NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 256-263.	2.5	54
26	Inflammation and Pneumonia. Clinics in Chest Medicine, 2018, 39, 669-676.	0.8	37
27	Integrative Physiology of Pneumonia. Physiological Reviews, 2018, 98, 1417-1464.	13.1	154
28	Pathogenesis of severe pneumonia. Current Opinion in Pulmonary Medicine, 2017, 23, 193-197.	1.2	36
29	Valproic acid mitigates the inflammatory response and prevents acute respiratory distress syndrome in a murine model of Escherichia coli pneumonia at the expense of bacterial clearance. Journal of Trauma and Acute Care Surgery, 2017, 82, 758-765.	1.1	17
30	Myeloid-epithelial cross talk coordinates synthesis of the tissue-protective cytokine leukemia inhibitory factor during pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L548-L558.	1.3	20
31	Capacity of Pneumococci to Activate Macrophage Nuclear Factor ÎºB: Influence on Necroptosis and Pneumonia Severity. Journal of Infectious Diseases, 2017, 216, 425-435.	1.9	16
32	3â€² Uridylation controls mature microRNA turnover during CD4 T-cell activation. Rna, 2017, 23, 882-891.	1.6	47
33	MicroRNA Signature of Cigarette Smoking and Evidence for a Putative Causal Role of MicroRNAs in Smoking-Related Inflammation and Target Organ Damage. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	45
34	Timing of valproic acid in acute lung injury: prevention is the best therapy?. Journal of Surgical Research, 2017, 220, 206-212.	0.8	12
35	The RNA uridyltransferase Zcchc6 is expressed in macrophages and impacts innate immune responses. PLoS ONE, 2017, 12, e0179797.	1.1	12
36	Expression of Piwi protein MIWI2 defines a distinct population of multiciliated cells. Journal of Clinical Investigation, 2017, 127, 3866-3876.	3.9	14

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37	Role for the Aryl Hydrocarbon Receptor and Diverse Ligands in Oral Squamous Cell Carcinoma Migration and Tumorigenesis. Molecular Cancer Research, 2016, 14, 696-706.	1.5	67
38	Epithelial Cellâ€“Derived Secreted and Transmembrane 1a Signals to Activated Neutrophils during Pneumococcal Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 407-418.	1.4	30
39	Activation of Hepatic STAT3 Maintains Pulmonary Defense during Endotoxemia. Infection and Immunity, 2015, 83, 4015-4027.	1.0	19
40	The Lung-Liver Axis: A Requirement for Maximal Innate Immunity and Hepatoprotection during Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 378-390.	1.4	35
41	Induction of STAT3-Dependent CXCL5 Expression and Neutrophil Recruitment by Oncostatin-M during Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 479-488.	1.4	34
42	Dynamics of Lung Defense in Pneumonia: Resistance, Resilience, and Remodeling. Annual Review of Physiology, 2015, 77, 407-430.	5.6	84
43	Roles of Lung Epithelium in Neutrophil Recruitment during Pneumococcal Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 253-262.	1.4	65
44	Myeloid ZFP36L1 Does Not Regulate Inflammation or Host Defense in Mouse Models of Acute Bacterial Infection. PLoS ONE, 2014, 9, e109072.	1.1	9
45	The Infant Nose. Introducing the Respiratory Tract to the World. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1206-1207.	2.5	3
46	The Role of Leptin in the Development of Pulmonary Neutrophilia in Infection and Acute Lung Injury*. Critical Care Medicine, 2014, 42, e143-e151.	0.4	46
47	Lentiviral Delivery of RNAi for In Vivo Lineage-Specific Modulation of Gene Expression in Mouse Lung Macrophages. Molecular Therapy, 2013, 21, 825-833.	3.7	69
48	Roles of STAT3 in Protein Secretion Pathways during the Acute-Phase Response. Infection and Immunity, 2013, 81, 1644-1653.	1.0	25
49	IL-6 trans-signaling promotes pancreatitis-associated lung injury and lethality. Journal of Clinical Investigation, 2013, 123, 1019-1031.	3.9	238
50	Direct control of hepatic glucose production by interleukin-13 in mice. Journal of Clinical Investigation, 2013, 123, 261-271.	3.9	116
51	Transcriptional Signaling Hubs in Epithelial Cells During Pneumonia. , 2013, , 159-183.		0
52	Zcchc11 Uridylates Mature miRNAs to Enhance Neonatal IGF-1 Expression, Growth, and Survival. PLoS Genetics, 2012, 8, e1003105.	1.5	49
53	Respiratory Infection and the Impact of Pulmonary Immunity on Lung Health and Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 824-829.	2.5	87
54	Leukemia Inhibitory Factor Signaling Is Required for Lung Protection during Pneumonia. Journal of Immunology, 2012, 188, 6300-6308.	0.4	65

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55	Type I Alveolar Epithelial Cells Mount Innate Immune Responses during Pneumococcal Pneumonia. Journal of Immunology, 2012, 189, 2450-2459.	0.4	80
56	Defining critical roles for NFâ€ÎºB p65 and type I interferon in innate immunity to rhinovirus. EMBO Molecular Medicine, 2012, 4, 1244-1260.	3.3	80
57	Hepatocyte-specific mutation of both NF-ÎºB RelA and STAT3 abrogates the acute phase response in mice. Journal of Clinical Investigation, 2012, 122, 1758-1763.	3.9	64
58	NF-ÎºB and STAT3 signaling hubs for lung innate immunity. Cell and Tissue Research, 2011, 343, 153-165.	1.5	62
59	Terminal Uridyltransferase Enzyme Zcchc11 Promotes Cell Proliferation Independent of Its Uridyltransferase Activity. Journal of Biological Chemistry, 2011, 286, 42381-42389.	1.6	19
60	Earliest Innate Immune Responses Require Macrophage RelA during Pneumococcal Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 573-581.	1.4	50
61	Mice Lacking Both TNF and ILâ€1 Receptors Exhibit Reduced Lung Inflammation and Delay in Onset of Death following Infection with a Highly Virulent H5N1 Virus. Journal of Infectious Diseases, 2010, 202, 1161-1170.	1.9	91
62	Mechanisms of the Hepatic Acute-Phase Response during Bacterial Pneumonia. Infection and Immunity, 2009, 77, 2417-2426.	1.0	57
63	Zcchc11-dependent uridylation of microRNA directs cytokine expression. Nature Cell Biology, 2009, 11, 1157-1163.	4.6	272
64	Targeted deletion of tumor suppressor PTEN augments neutrophil function and enhances host defense in neutropenia-associated pneumonia. Blood, 2009, 113, 4930-4941.	0.6	49
65	THE SYSTEMIC AND PULMONARY LPS BINDING PROTEIN RESPONSE TO INTRATRACHEAL LIPOPOLYSACCHARIDE. Shock, 2009, 31, 212-217.	1.0	21
66	Acute Lower Respiratory Tract Infection. New England Journal of Medicine, 2008, 358, 716-727.	13.9	397
67	Alveolar Epithelial STAT3, IL-6 Family Cytokines, and Host Defense during Escherichia coli Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 699-706.	1.4	104
68	Effect of obesity on pulmonary inflammation induced by acute ozone exposure: role of interleukin-6. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1013-L1020.	1.3	46
69	Animal models of human pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L387-L398.	1.3	140
70	Induction of Cytoplasmic Accumulation of p53: A Mechanism for Low Levels of Arsenic Exposure to Predispose Cells for Malignant Transformation. Cancer Research, 2008, 68, 9131-9136.	0.4	54
71	Targeted deletion of tumor suppressor PTEN enhances neutrophil function and prevents neutropeniaâ€associated pneumonia. FASEB Journal, 2008, 22, 495-495.	0.2	0
72	Functions and Regulation of NF-ÎºB RelA during Pneumococcal Pneumonia. Journal of Immunology, 2007, 178, 1896-1903.	0.4	97

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73	Type I Interleukin-1 Receptor Is Required for Pulmonary Responses to Subacute Ozone Exposure in Mice. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 477-484.	1.4	36
74	Tumor suppressor PTEN is a physiologic suppressor of chemoattractant-mediated neutrophil functions. Blood, 2007, 109, 4028-4037.	0.6	106
75	Regulation of Signal Transducer and Activator of Transcription Signaling by the Tyrosine Phosphatase PTP-BL. Immunity, 2007, 26, 163-176.	6.6	56
76	Promotion of opsonization by antibodies and phagocytosis of Gram-positive bacteria by a bifunctional polyacrylamide. Biomaterials, 2006, 27, 3663-74.	5.7	49
77	Lung Infectionâ€"A Public Health Priority. PLoS Medicine, 2006, 3, e76.	3.9	243
78	Roles of Interleukinâ€6 in Activation of STAT Proteins and Recruitment of Neutrophils duringEscherichia coliPneumonia. Journal of Infectious Diseases, 2006, 193, 360-369.	1.9	94
79	Vascular endothelial growth factor is an important determinant of sepsis morbidity and mortality. Journal of Experimental Medicine, 2006, 203, 1447-1458.	4.2	249
80	Identification of Z11 as a novel zinc finger protein in the lungs. FASEB Journal, 2006, 20, A1443.	0.2	0
81	Mac-1 mediates migration to lymph nodes. Blood, 2005, 106, 2927-2928.	0.6	0
82	CXCR2 is essential for maximal neutrophil recruitment and methacholine responsiveness after ozone exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L61-L67.	1.3	85
83	Lung NF-ÎºB Activation and Neutrophil Recruitment Require IL-1 and TNF Receptor Signaling during Pneumococcal Pneumonia. Journal of Immunology, 2005, 175, 7530-7535.	0.4	143
84	Oncostatin M causes eotaxin-1 release from airway smooth muscle: Synergy with IL-4 and IL-13. Journal of Allergy and Clinical Immunology, 2005, 115, 514-520.	1.5	47
85	Neutrophils in Innate Immunity. Seminars in Respiratory and Critical Care Medicine, 2004, 25, 33-41.	0.8	22
86	Roles for early response cytokines duringEscherichia colipneumonia revealed by mice with combined deficiencies of all signaling receptors for TNF and IL-1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L1302-L1310.	1.3	39
87	NF-kappaB p50 facilitates neutrophil accumulation during LPS-induced pulmonary inflammation. BMC Immunology, 2004, 5, 10.	0.9	27
88	APC: braking neutrophils to benefit patients?. Blood, 2004, 104, 3841-3841.	0.6	1
89	Competing Benefits of Tumor Necrosis Factor-Î± for Bacteria and for Host Defense. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1410-1411.	2.5	6
90	Nuclear Factor-ÎºB p50 Limits Inflammation and Prevents Lung Injury duringEscherichia coliPneumonia. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 810-817.	2.5	64

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91	Very Late Antigen-4 in CD18-Independent Neutrophil Emigration during Acute Bacterial Pneumonia in Mice. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 53-60.	2.5	42
92	Functions of IÎ²B Proteins in Inflammatory Responses to Escherichia coli LPS in Mouse Lungs. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 575-582.	1.4	37
93	Molecular mechanisms of neutrophil recruitment elicited by bacteria in the lungs. Seminars in Immunology, 2002, 14, 123-132.	2.7	168
94	Exon truncation by alternative splicing of murine ICAM-1. Physiological Genomics, 2002, 12, 47-51.	1.0	9
95	Mechanisms of granulocytosis in the absence of CD18. Blood, 2001, 97, 1578-1583.	0.6	35
96	Targeted Mutation of TNF Receptor I Rescues the RelA-Deficient Mouse and Reveals a Critical Role for NF-ÎºB in Leukocyte Recruitment. Journal of Immunology, 2001, 167, 1592-1600.	0.4	243
97	Early Response Cytokines and Innate Immunity: Essential Roles for TNF Receptor 1 and Type I IL-1 Receptor During Escherichia coli Pneumonia in Mice. Journal of Immunology, 2001, 166, 4042-4048.	0.4	118
98	Evaluation of the Substrate Specificity of Human Mast Cell Tryptase Î²I and Demonstration of Its Importance in Bacterial Infections of the Lung. Journal of Biological Chemistry, 2001, 276, 26276-26284.	1.6	130
99	Roles of Tumor Necrosis Factor Receptor Signaling during MurineEscherichia coliPneumonia. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 85-91.	1.4	40
100	Adhesion Molecules and Cellular Biomechanical Changes in Acute Lung Injury. Chest, 1999, 116, 37S-43S.	0.4	72
101	Effect of short-term enteral feeding with eicosapentaenoic and Î³-linolenic acids on alveolar macrophage eicosanoid synthesis and bactericidal function in rats. Critical Care Medicine, 1999, 27, 1908-1915.	0.4	68
102	Combinatorial requirements for adhesion molecules in mediating neutrophil emigration during bacterial peritonitis in mice. Journal of Leukocyte Biology, 1998, 64, 291-297.	1.5	31
103	Neutrophil Emigration in the Skin, Lungs, and Peritoneum: Different Requirements for CD11/CD18 Revealed by CD18-deficient Mice. Journal of Experimental Medicine, 1997, 186, 1357-1364.	4.2	250
104	Gadolinium induces macrophage apoptosis. Journal of Leukocyte Biology, 1996, 59, 189-195.	1.5	104
105	Reactive oxygen species in the killing of Pseudomonas aeruginosa by human leukocytes. Current Microbiology, 1995, 31, 124-128.	1.0	18