

Mark R Looney

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

9,581
citations

81900

39
h-index

48315

88
g-index

101
all docs

101
docs citations

101
times ranked

14752
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfusion-Related Acute Lung Injury: 36 years of Progress (1985-2021). <i>Annals of the American Thoracic Society</i> , 2022, , .	3.2	5
2	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, e1-e14.	2.9	82
3	GPR35 promotes neutrophil recruitment in response to serotonin metabolite 5-HIAA. <i>Cell</i> , 2022, 185, 815-830.e19.	28.9	52
4	ADAM8 signaling drives neutrophil migration and ARDS severity. <i>JCI Insight</i> , 2022, 7, .	5.0	18
5	CD97 promotes spleen dendritic cell homeostasis through the mechanosensing of red blood cells. <i>Science</i> , 2022, 375, eabi5965.	12.6	42
6	Sepsis promotes splenic production of a protective platelet pool with high CD40 ligand expression. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	28
7	New Insights into Clinical and Mechanistic Heterogeneity of the Acute Respiratory Distress Syndrome: Summary of the Aspen Lung Conference 2021. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 284-308.	2.9	9
8	Formaldehyde-induced hematopoietic stem and progenitor cell toxicity in mouse lung and nose. <i>Archives of Toxicology</i> , 2021, 95, 693-701.	4.2	11
9	Lung megakaryocytes are immune modulatory cells. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	96
10	Global absence and targeting of protective immune states in severe COVID-19. <i>Nature</i> , 2021, 591, 124-130.	27.8	206
11	Chewing the fat on TRALI. <i>Blood</i> , 2021, 137, 586-587.	1.4	1
12	Natural killer cells activated through NKG2D mediate lung ischemia-reperfusion injury. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	32
13	Î²2M Signals Monocytes Through Non-Canonical TGFÎ² Receptor Signal Transduction. <i>Circulation Research</i> , 2021, 128, 655-669.	4.5	9
14	Hypoimmune induced pluripotent stem cellâ€‘derived cell therapeutics treat cardiovascular and pulmonary diseases in immunocompetent allogeneic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	20
15	In Vivo Measurement of Granzyme Proteolysis from Activated Immune Cells with PET. <i>ACS Central Science</i> , 2021, 7, 1638-1649.	11.3	30
16	Live imaging of the pulmonary immune environment. <i>Cellular Immunology</i> , 2020, 350, 103862.	3.0	8
17	Mitochondrial DNA Stimulates TLR9-Dependent Neutrophil Extracellular Trap Formation in Primary Graft Dysfunction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 364-372.	2.9	70
18	Update on animal models for COVIDâ€‘19 research. <i>British Journal of Pharmacology</i> , 2020, 177, 5679-5681.	5.4	8

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19	Targeting potential drivers of COVID-19: Neutrophil extracellular traps. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	1,193
20	Endogenous DEL-1 restrains melanoma lung metastasis by limiting myeloid cell-associated lung inflammation. <i>Science Advances</i> , 2020, 6, .	10.3	18
21	Animal models of mechanisms of SARS-CoV-2 infection and COVID-19 pathology. <i>British Journal of Pharmacology</i> , 2020, 177, 4851-4865.	5.4	158
22	Cystic fibrosis transmembrane conductance regulator dysfunction in platelets drives lung hyperinflammation. <i>Journal of Clinical Investigation</i> , 2020, 130, 2041-2053.	8.2	44
23	Complement activation on endothelium initiates antibody-mediated acute lung injury. <i>Journal of Clinical Investigation</i> , 2020, 130, 5909-5923.	8.2	32
24	Modulating Pathogenesis with Mobile-CRISPRi. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	31
25	Platelet Biogenesis in the Lung Circulation. <i>Physiology</i> , 2019, 34, 392-401.	3.1	45
26	An update of the transfusion-related acute lung injury (TRALI) definition. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 354-356.	0.4	7
27	A consensus redefinition of transfusion-related acute lung injury. <i>Transfusion</i> , 2019, 59, 2465-2476.	1.6	120
28	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1076-1085.	5.6	165
29	LPS-induced Lung Platelet Recruitment Occurs Independently from Neutrophils, PSGL-1, and P-Selectin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 232-243.	2.9	38
30	Universal Principled Review: A Community-Driven Method to Improve Peer Review. <i>Cell</i> , 2019, 179, 1441-1445.	28.9	6
31	Contemporary Risk Factors and Outcomes of Transfusion-Associated Circulatory Overload*. <i>Critical Care Medicine</i> , 2018, 46, 577-585.	0.9	48
32	Advances in Clinical and Basic Science of Coagulation: Illustrated abstracts of the 9th Chapel Hill Symposium on Hemostasis. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2018, 2, 407-428.	2.3	5
33	Maladaptive role of neutrophil extracellular traps in pathogen-induced lung injury. <i>JCI Insight</i> , 2018, 3, .	5.0	315
34	Whither the Pulmonary Ward Attending? Preserving Subspecialty Exposure in United States Internal Medicine Residency Training. <i>Annals of the American Thoracic Society</i> , 2017, 14, 565-568.	3.2	6
35	The lung is a host defense niche for immediate neutrophil-mediated vascular protection. <i>Science Immunology</i> , 2017, 2, .	11.9	153
36	Prevention or Treatment of Ards With Aspirin. <i>Shock</i> , 2017, 47, 13-21.	2.1	67

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37	The lung is a site of platelet biogenesis and a reservoir for haematopoietic progenitors. <i>Nature</i> , 2017, 544, 105-109.	27.8	805
38	Proposed revised nomenclature for transfusion-related acute lung injury. <i>Transfusion</i> , 2017, 57, 709-713.	1.6	16
39	Neutralizing Extracellular Histones in Acute Respiratory Distress Syndrome. A New Role for an Endogenous Pathway. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 122-124.	5.6	17
40	Mirasol pathogen reduction technology treatment of human whole blood does not induce acute lung injury in mice. <i>PLoS ONE</i> , 2017, 12, e0178725.	2.5	5
41	Lung Imaging in Animal Models. <i>Respiratory Medicine</i> , 2017, , 107-132.	0.1	2
42	Models of Lung Transplant Research: a consensus statement from the National Heart, Lung, and Blood Institute workshop. <i>JCI Insight</i> , 2017, 2, .	5.0	55
43	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. <i>Journal of Experimental Medicine</i> , 2016, 213, 2293-2314.	8.5	108
44	Current concepts in <sc>TRALI</sc> pathogenesis. <i>ISBT Science Series</i> , 2016, 11, 206-210.	1.1	3
45	Directed transport of neutrophil-derived extracellular vesicles enables platelet-mediated innate immune response. <i>Nature Communications</i> , 2016, 7, 13464.	12.8	143
46	Inhibiting Integrin α v β 25 Reduces Ischemia-Induced Reperfusion Injury in an Orthotopic Lung Transplant Model in Mice. <i>American Journal of Transplantation</i> , 2016, 16, 1306-1311.	4.7	12
47	Visualization of immediate immune responses to pioneer metastatic cells in the lung. <i>Nature</i> , 2016, 531, 513-517.	27.8	348
48	Telomere dysfunction in alveolar epithelial cells causes lung remodeling and fibrosis. <i>JCI Insight</i> , 2016, 1, e86704.	5.0	192
49	Dyspnea and Pulmonary Hypertension with Diffuse Centrilobular Nodules. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1858-1860.	3.2	1
50	Mast Cells Present Protrusions into Blood Vessels upon Tracheal Allergen Challenge in Mice. <i>PLoS ONE</i> , 2015, 10, e0118513.	2.5	12
51	Transfusion of Human Platelets Treated with Mirasol Pathogen Reduction Technology Does Not Induce Acute Lung Injury in Mice. <i>PLoS ONE</i> , 2015, 10, e0133022.	2.5	9
52	Recipient clinical risk factors predominate in possible transfusion-related acute lung injury. <i>Transfusion</i> , 2015, 55, 947-952.	1.6	40
53	Reply: Neutrophil Extracellular Traps in Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1089-1089.	5.6	1
54	Lineage-negative progenitors mobilize to regenerate lung epithelium after major injury. <i>Nature</i> , 2015, 517, 621-625.	27.8	562

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55	Neutrophil Extracellular Traps Are Pathogenic in Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 455-463.	5.6	187
56	Non-invasive Intratracheal Instillation in Mice. <i>Bio-protocol</i> , 2015, 5, .	0.4	17
57	Two-event Transfusion-related Acute Lung Injury Mouse Model. <i>Bio-protocol</i> , 2015, 5, .	0.4	0
58	Live Imaging of the Lung. <i>Annual Review of Physiology</i> , 2014, 76, 431-445.	13.1	59
59	Prospective Study on the Clinical Course and Outcomes in Transfusion-Related Acute Lung Injury*. <i>Critical Care Medicine</i> , 2014, 42, 1676-1687.	0.9	62
60	Aspirin-triggered 15-epi-lipoxin A4 regulates neutrophil-platelet aggregation and attenuates acute lung injury in mice. <i>Blood</i> , 2014, 124, 2625-2634.	1.4	164
61	The spatiotemporal cellular dynamics of lung immunity. <i>Trends in Immunology</i> , 2014, 35, 379-386.	6.8	22
62	Mast cells in a murine lung ischemia-reperfusion model of primary graft dysfunction. <i>Respiratory Research</i> , 2014, 15, 95.	3.6	9
63	162. <i>Cytokine</i> , 2013, 63, 281.	3.2	5
64	Spatiotemporally separated antigen uptake by alveolar dendritic cells and airway presentation to T cells in the lung. <i>Journal of Experimental Medicine</i> , 2012, 209, 1183-1199.	8.5	162
65	Fresh and Stored Red Blood Cell Transfusion Equivalently Induce Subclinical Pulmonary Gas Exchange Deficit in Normal Humans. <i>Anesthesia and Analgesia</i> , 2012, 114, 511-519.	2.2	42
66	Transfusion-related acute lung injury: incidence and risk factors. <i>Blood</i> , 2012, 119, 1757-1767.	1.4	493
67	Live Imaging of the Lung. , 2012, Chapter 12, Unit12.28.		34
68	Transfusion Reactions. <i>Critical Care Clinics</i> , 2012, 28, 363-372.	2.6	51
69	Platelet-neutrophil Interactions as a Target for Prevention and Treatment of Transfusion-related Acute Lung Injury. <i>Current Pharmaceutical Design</i> , 2012, 18, 3260-3266.	1.9	40
70	Platelets induce neutrophil extracellular traps in transfusion-related acute lung injury. <i>Journal of Clinical Investigation</i> , 2012, 122, 2661-2671.	8.2	838
71	Reducing Noninfectious Risks of Blood Transfusion. <i>Anesthesiology</i> , 2011, 115, 635-649.	2.5	131
72	Stabilized imaging of immune surveillance in the mouse lung. <i>Nature Methods</i> , 2011, 8, 91-96.	19.0	337

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73	Experimental Models of Transfusion-Related Acute Lung Injury. <i>Transfusion Medicine Reviews</i> , 2011, 25, 1-11.	2.0	33
74	Role of CFTR expressed by neutrophils in modulating acute lung inflammation and injury in mice. <i>Inflammation Research</i> , 2011, 60, 619-632.	4.0	55
75	Pathophysiology of transfusion-related acute lung injury. <i>Current Opinion in Hematology</i> , 2010, 17, 418-423.	2.5	48
76	Receptor for advanced glycation end-products (RAGE) is an indicator of direct lung injury in models of experimental lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L1-L5.	2.9	77
77	Role of coagulation pathways and treatment with activated protein C in hyperoxic lung injury. <i>Thorax</i> , 2009, 64, 114-120.	5.6	14
78	Neutrophil sandwiches injure the microcirculation. <i>Nature Medicine</i> , 2009, 15, 364-366.	30.7	30
79	Platelet depletion and aspirin treatment protect mice in a two-event model of transfusion-related acute lung injury. <i>Journal of Clinical Investigation</i> , 2009, 119, 3450-61.	8.2	342
80	CD47 Deficiency Protects Mice from Lipopolysaccharide-Induced Acute Lung Injury and <i>Escherichia coli</i> Pneumonia. <i>Journal of Immunology</i> , 2008, 180, 6947-6953.	0.8	70
81	Acute lung injury after blood product transfusion: Are the times changing?*. <i>Critical Care Medicine</i> , 2008, 36, 1968-1970.	0.9	2
82	The role of protein C in sepsis. <i>Current Infectious Disease Reports</i> , 2007, 3, 413-418.	3.0	8
83	Newly Recognized Causes of Acute Lung Injury: Transfusion of Blood Products, Severe Acute Respiratory Syndrome, and Avian Influenza. <i>Clinics in Chest Medicine</i> , 2006, 27, 591-600.	2.1	11
84	Bench-to-bedside review: the role of activated protein C in maintaining endothelial tight junction function and its relationship to organ injury. <i>Critical Care</i> , 2006, 10, 239.	5.8	28
85	Animal models of transfusion-related acute lung injury. <i>Critical Care Medicine</i> , 2006, 34, S132-S136.	0.9	39
86	Neutrophils and their Fc γ receptors are essential in a mouse model of transfusion-related acute lung injury. <i>Journal of Clinical Investigation</i> , 2006, 116, 1615-1623.	8.2	273
87	Decreased expression of both the α 1- and α 2-subunits of the Na-K-ATPase reduces maximal alveolar epithelial fluid clearance. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L104-L110.	2.9	32
88	DIRECT VISUAL INSTILLATION AS A METHOD FOR EFFICIENT DELIVERY OF FLUID INTO THE DISTAL AIRSPACES OF ANESTHETIZED MICE. <i>Experimental Lung Research</i> , 2004, 30, 479-493.	1.2	59
89	Transfusion-Related Acute Lung Injury. <i>Chest</i> , 2004, 126, 249-258.	0.8	258
90	Synaptophysin immunoreactivity in temporal lobe epilepsy-associated hippocampal sclerosis. <i>Acta Neuropathologica</i> , 1999, 98, 179-185.	7.7	19

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91	Synaptophysin immunohistochemistry densitometry measurement in resected human hippocampus: implication for the etiology of hippocampal sclerosis. <i>Epilepsy Research</i> , 1998, 32, 335-344.	1.6	7