Marc Peters-Golden

List of Publications by Year
in descending order

206	13,881	16451 64	24982 109
papers	citations	h-index	g-index

212	212	212	13412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Leukotrienes. New England Journal of Medicine, 2007, 357, 1841-1854.	27.0	941
2	Cyclic AMP. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 127-132.	2.9	337
3	Prostaglandin E2 Inhibits Alveolar Macrophage Phagocytosis through an E-Prostanoid 2 Receptor-Mediated Increase in Intracellular Cyclic AMP. Journal of Immunology, 2004, 173, 559-565.	0.8	305
4	Leptin-Deficient Mice Exhibit Impaired Host Defense in Gram-Negative Pneumonia. Journal of Immunology, 2002, 168, 4018-4024.	0.8	304
5	Roles of cysteinyl leukotrienes in airway inflammation, smooth muscle function, and remodeling. Journal of Allergy and Clinical Immunology, 2003, 111, S18-S36.	2.9	284
6	Evidence for tissue-resident mesenchymal stem cells in human adult lung from studies of transplanted allografts. Journal of Clinical Investigation, 2007, 117, 989-996.	8.2	272
7	Leukotrienes: Underappreciated Mediators of Innate Immune Responses. Journal of Immunology, 2005, 174, 589-594.	0.8	269
8	Prostaglandin E2Inhibits Fibroblast to Myofibroblast Transition via E. Prostanoid Receptor 2 Signaling and Cyclic Adenosine Monophosphate Elevation. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 537-544.	2.9	262
9	Arachidonic Acid Is Preferentially Metabolized by Cyclooxygenase-2 to Prostacyclin and Prostaglandin E2. Journal of Biological Chemistry, 1999, 274, 11660-11666.	3.4	250
10	Microsomal Prostaglandin E Synthase Is Regulated by Proinflammatory Cytokines and Glucocorticoids in Primary Rheumatoid Synovial Cells. Journal of Immunology, 2001, 167, 469-474.	0.8	245
11	Blocking Macrophage Leukotriene B ₄ Prevents Endothelial Injury and Reverses Pulmonary Hypertension. Science Translational Medicine, 2013, 5, 200ra117.	12.4	203
12	Cutting Edge: Macrophage Inhibition by Cyclic AMP (cAMP): Differential Roles of Protein Kinase A and Exchange Protein Directly Activated by cAMP-1. Journal of Immunology, 2005, 174, 595-599.	0.8	202
13	Lung Resident Mesenchymal Stem Cells Isolated from Human Lung Allografts Inhibit T Cell Proliferation via a Soluble Mediator. Journal of Immunology, 2008, 181, 4389-4396.	0.8	193
14	Protection from Pulmonary Fibrosis in Leukotriene-Deficient Mice. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 229-235.	5.6	180
15	Transcellular delivery of vesicular SOCS proteins from macrophages to epithelial cells blunts inflammatory signaling. Journal of Experimental Medicine, 2015, 212, 729-742.	8.5	172
16	Resident Alveolar Macrophages Suppress, whereas Recruited Monocytes Promote, Allergic Lung Inflammation in Murine Models of Asthma. Journal of Immunology, 2014, 193, 4245-4253.	0.8	164
17	The Alveolar Macrophage. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 3-7.	2.9	155
18	Prostaglandin E2Suppresses Bacterial Killing in Alveolar Macrophages by Inhibiting NADPH Oxidase. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 562-570.	2.9	148

#	Article	IF	Citations
19	Prostaglandin E2 inhibits collagen expression and proliferation in patient-derived normal lung fibroblasts via E prostanoid 2 receptor and cAMP signaling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L405-L413.	2.9	148
20	Leukotrienes enhance the bactericidal activity of alveolar macrophages against Klebsiella pneumoniae through the activation of NADPH oxidase. Blood, 2005, 106, 1067-1075.	1.4	141
21	Efferocytosis impairs pulmonary macrophage and lung antibacterial function via PGE2/EP2 signaling. Journal of Experimental Medicine, 2009, 206, 61-68.	8.5	141
22	Prostaglandin E₂ Synthesis and Suppression of Fibroblast Proliferation by Alveolar Epithelial Cells Is Cyclooxygenase-2â€"Dependent. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 752-758.	2.9	139
23	The antifibrotic effects of plasminogen activation occur via prostaglandin E2 synthesis in humans and mice. Journal of Clinical Investigation, 2010, 120, 1950-1960.	8.2	138
24	GM-CSF Regulates Bleomycin-Induced Pulmonary Fibrosis Via a Prostaglandin-Dependent Mechanism. Journal of Immunology, 2000, 165, 4032-4039.	0.8	135
25	Prostaglandin E₂induces fibroblast apoptosis by modulating multiple survival pathways. FASEB Journal, 2009, 23, 4317-4326.	0.5	132
26	Leukotriene B4 amplifies NF-ÎºB activation in mouse macrophages by reducing SOCS1 inhibition of MyD88 expression. Journal of Clinical Investigation, 2011, 121, 671-682.	8.2	129
27	Hypermethylation of PTGER2 Confers Prostaglandin E2 Resistance in Fibrotic Fibroblasts from Humans and Mice. American Journal of Pathology, 2010, 177, 2245-2255.	3.8	127
28	Prostaglandin E2Inhibits Fibroblast Migration by E-Prostanoid 2 Receptorâ€"Mediated Increase in PTEN Activity. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 135-141.	2.9	124
29	Leukotriene B4 Augments Neutrophil Phagocytosis of Klebsiella pneumoniae. Infection and Immunity, 2001, 69, 2011-2016.	2.2	123
30	Nuclear localization of 5-lipoxygenase as a determinant of leukotriene B4 synthetic capacity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12165-12170.	7.1	123
31	Bleomycin-Induced E Prostanoid Receptor Changes Alter Fibroblast Responses to Prostaglandin E2. Journal of Immunology, 2005, 174, 5644-5649.	0.8	123
32	5-Lipoxygenase Reaction Products Modulate Alveolar Macrophage Phagocytosis ofKlebsiella pneumoniae. Infection and Immunity, 1998, 66, 5140-5146.	2.2	120
33	Translocation and Leukotriene Synthetic Capacity of Nuclear 5-Lipoxygenase in Rat Basophilic Leukemia Cells and Alveolar Macrophages. Journal of Biological Chemistry, 1995, 270, 21652-21658.	3.4	119
34	Leptin augments alveolar macrophage leukotriene synthesis by increasing phospholipase activity and enhancing group IVC iPLA₂(cPLA₂Î³) protein expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L497-L502.	2.9	118
35	Translocation of cytosolic phospholipase A2 to the nuclear envelope elicits topographically localized phospholipid hydrolysis. Biochemical Journal, 1996, 318, 797-803.	3.7	114
36	Leukotrienes Are Essential for the Control ofLeishmania amazonensisInfection and Contribute to Strain Variation in Susceptibility. Journal of Immunology, 2006, 177, 3201-3208.	0.8	114

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37	Leukotriene B ₄ antagonism ameliorates experimental lymphedema. Science Translational Medicine, 2017, 9, .	12.4	112
38	Intracellular compartmentalization of leukotriene synthesis: unexpected nuclear secrets. FEBS Letters, 2001, 487, 323-326.	2.8	109
39	Prostaglandin E₂ Inhibits Specific Lung Fibroblast Functions via Selective Actions of PKA and Epac-1. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 482-489.	2.9	107
40	Hypophosphatemia-associated respiratory muscle weakness in a general inpatient population. American Journal of Medicine, 1988, 84, 870-876.	1.5	105
41	Rapid Import of Cytosolic 5-Lipoxygenase into the Nucleus of Neutrophils after in Vivo Recruitment and in Vitro Adherence. Journal of Biological Chemistry, 1997, 272, 8276-8280.	3.4	104
42	Protein Kinase A Inhibits Leukotriene Synthesis by Phosphorylation of 5-Lipoxygenase on Serine 523. Journal of Biological Chemistry, 2004, 279, 41512-41520.	3.4	104
43	Leukotriene B4 Is a Physiologically Relevant Endogenous Peroxisome Proliferator-activated Receptor-Î± Agonist. Journal of Biological Chemistry, 2010, 285, 22067-22074.	3.4	104
44	Leptin Corrects Host Defense Defects after Acute Starvation in Murine Pneumococcal Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 212-218.	5.6	103
45	Alveolar epithelial cell inhibition of fibroblast proliferation is regulated by MCP-1/CCR2 and mediated by PGE₂. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L342-L349.	2.9	102
46	Resident Tissue-Specific Mesenchymal Progenitor Cells Contribute to Fibrogenesis in Human Lung Allografts. American Journal of Pathology, 2011, 178, 2461-2469.	3.8	102
47	Reversal of Myofibroblast Differentiation by Prostaglandin E₂. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 550-558.	2.9	99
48	Carbon monoxide diffusing capacity as predictor of outcome in systemic sclerosis. American Journal of Medicine, 1984, 77, 1027-1034.	1.5	92
49	PGE2 inhibition of TGF-Î²1-induced myofibroblast differentiation is Smad-independent but involves cell shape and adhesion-dependent signaling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L417-L428.	2.9	90
50	Arachidonic Acid Metabolism in Cultured Alveolar Macrophages from Normal, Atopic, and Asthmatic Subjects. The American Review of Respiratory Disease, 1988, 138, 1134-1142.	2.9	89
51	FOXM1 is a critical driver of lung fibroblast activation and fibrogenesis. Journal of Clinical Investigation, 2018, 128, 2389-2405.	8.2	88
52	The Induction of Proâ€“IL-1Î² by Lipopolysaccharide Requires Endogenous Prostaglandin E2 Production. Journal of Immunology, 2017, 198, 3558-3564.	0.8	85
53	Prostaglandin E2 Inhibits Î±-Smooth Muscle Actin Transcription during Myofibroblast Differentiation via Distinct Mechanisms of Modulation of Serum Response Factor and Myocardin-related Transcription Factor-A. Journal of Biological Chemistry, 2014, 289, 17151-17162.	3.4	84
54	The role of leukotrienes in allergic rhinitis. Annals of Allergy, Asthma and Immunology, 2005, 94, 609-618.	1.0	78

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55	Critical Role of Prostaglandin E2 Overproduction in Impaired Pulmonary Host Response following Bone Marrow Transplantation. Journal of Immunology, 2006, 177, 5499-5508.	0.8	78
56	Synthetic Prostacyclin Analogs Differentially Regulate Macrophage Function via Distinct Analog-Receptor Binding Specificities. Journal of Immunology, 2007, 178, 1628-1634.	0.8	78
57	Intracellular Compartmentalization of Leukotriene Biosynthesis. American Journal of Respiratory and Critical Care Medicine, 2000, 161, S36-S40.	5.6	77
58	Phosphorylation by Protein Kinase A Inhibits Nuclear Import of 5-Lipoxygenase. Journal of Biological Chemistry, 2005, 280, 40609-40616.	3.4	74
59	Variable Prostaglandin E₂ Resistance in Fibroblasts from Patients with Usual Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 66-74.	5.6	74
60	Prostaglandin E2 suppresses allergic sensitization and lung inflammation by targeting the E prostanoid 2 receptor on TÂcells. Journal of Allergy and Clinical Immunology, 2014, 133, 379-387.e1.	2.9	71
61	Polycyclic aromatic hydrocarbons present in cigarette smoke cause endothelial cell apoptosis by a phospholipase A2dependent mechanism. FASEB Journal, 2002, 16, 1463-1464.	0.5	70
62	Lung Fibroblasts from Patients with Idiopathic Pulmonary Fibrosis Exhibit Genome-Wide Differences in DNA Methylation Compared to Fibroblasts from Nonfibrotic Lung. PLoS ONE, 2014, 9, e107055.	2.5	70
63	Formation, Signaling and Occurrence of Specialized Pro-Resolving Lipid Mediatorsâ€"What is the Evidence so far?. Frontiers in Pharmacology, 2022, 13, 838782.	3.5	70
64	Eicosanoids: mediators and therapeutic targets in fibrotic lung disease. Clinical Science, 2005, 108, 479-491.	4.3	67
65	Leukotrienes and airway inflammation. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 1096-1102.	2.4	67
66	Alveolar Macrophages in Allergic Asthma: the Forgotten Cell Awakes. Current Allergy and Asthma Reports, 2017, 17, 12.	5.3	67
67	Cysteinyl Leukotrienes Are Autocrine and Paracrine Regulators of Fibrocyte Function. Journal of Immunology, 2007, 179, 7883-7890.	0.8	66
68	Inhibition of leukotriene biosynthesis abrogates the host control of Mycobacterium tuberculosis. Microbes and Infection, 2007, 9, 483-489.	1.9	64
69	Eicosanoid Lipid Mediators in Fibrotic Lung Diseases. Chest, 2008, 133, 1442-1450.	0.8	64
70	Epithelial Interactions and Local Engraftment of Lung-Resident Mesenchymal Stem Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 809-816.	2.9	64
71	Mechanisms and modulation of microvesicle uptake in a model of alveolar cell communication. Journal of Biological Chemistry, 2017, 292, 20897-20910.	3.4	64
72	Hydrogen-Peroxide-induced Arachidonic Acid Metabolism in the Rat Alveolar Macrophage. The American Review of Respiratory Disease, 1988, 137, 49-56.	2.9	63

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73	Prolonged Exposure to Lipopolysaccharide Inhibits Macrophage 5-Lipoxygenase Metabolism Via Induction of Nitric Oxide Synthesis. Journal of Immunology, 2000, 165, 3592-3598.	0.8	63
74	Antileukotriene Agents for the Treatment of Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 538-544.	5.6	63
75	Misoprostol Impairs Female Reproductive Tract Innate Immunity against Clostridium sordellii. Journal of Immunology, 2008, 180, 8222-8230.	0.8	62
76	Leukotriene B ₄ Activates Pulmonary Artery Adventitial Fibroblasts in Pulmonary Hypertension. Hypertension, 2015, 66, 1227-1239.	2.7	62
77	Prognostic Value of Bronchiolitis Obliterans Syndrome Stage 0-p in Single-Lung Transplant Recipients. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 379-383.	5.6	61
78	PTEN Directly Activates the Actin Depolymerization Factor Cofilin-1 During PGE ₂ -Mediated Inhibition of Phagocytosis of Fungi. Science Signaling, 2012, 5, ra12.	3.6	61
79	Opposing and Hierarchical Roles of Leukotrienes in Local Innate Immune versus Vascular Responses in a Model of Sepsis. Journal of Immunology, 2005, 174, 1616-1620.	0.8	60
80	Short Communication: Differences Between Macrophages and Dendritic Cells in the Cyclic AMP-Dependent Regulation of Lipopolysaccharide-Induced Cytokine and Chemokine Synthesis. Journal of Interferon and Cytokine Research, 2006, 26, 827-833.	1.2	60
81	Specific Leukotriene Receptors Couple to Distinct G Proteins to Effect Stimulation of Alveolar Macrophage Host Defense Functions. Journal of Immunology, 2007, 179, 5454-5461.	0.8	60
82	The Effects of Leptin on Airway Smooth Muscle Responses. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 475-481.	2.9	60
83	Reversal of the Transcriptome by Prostaglandin E₂ during Myofibroblast Dedifferentiation. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 114-127.	2.9	59
84	Distinct Protein Kinase A Anchoring Proteins Direct Prostaglandin E2 Modulation of Toll-like Receptor Signaling in Alveolar Macrophages. Journal of Biological Chemistry, 2011, 286, 8875-8883.	3.4	58
85	Evaluation of phagocytosis and arachidonate metabolism by alveolar macrophages and recruited neutrophils from F344xBN rats of different ages. Mechanisms of Ageing and Development, 2001, 122, 1899-1913.	4.6	56
86	Syk activation is a leukotriene B4â€“regulated event involved in macrophage phagocytosis of IgG-coated targets but not apoptotic cells. Blood, 2003, 102, 1877-1883.	1.4	56
87	Prostaglandin E2 Mediates IL-1Î²-Related Fibroblast Mitogenic Effects in Acute Lung Injury through Differential Utilization of Prostanoid Receptors. Journal of Immunology, 2008, 180, 637-646.	0.8	56
88	Putting on the Brakes: Cyclic AMP as a Multipronged Controller of Macrophage Function. Science Signaling, 2009, 2, pe37.	3.6	55
89	Prostaglandin E2 restrains macrophage maturation via E prostanoid receptor 2/protein kinase A signaling. Blood, 2012, 119, 2358-2367.	1.4	55
90	Co-localization of Leukotriene A4Hydrolase with 5-Lipoxygenase in Nuclei of Alveolar Macrophages and Rat Basophilic Leukemia Cells but Not Neutrophils. Journal of Biological Chemistry, 2001, 276, 35071-35077.	3.4	54

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91	Intrapulmonary Administration of Leukotriene B₄Enhances Pulmonary Host Defense against Pneumococcal Pneumonia. Infection and Immunity, 2010, 78, 2264-2271.	2.2	54
92	Leukotriene B4 Enhances the Generation of Proinflammatory MicroRNAs To Promote MyD88-Dependent Macrophage Activation. Journal of Immunology, 2014, 192, 2349-2356.	0.8	54
93	Phenotypically Silent Bone Morphogenetic Protein Receptor 2 Mutations Predispose Rats to Inflammation-Induced Pulmonary Arterial Hypertension by Enhancing the Risk for Neointimal Transformation. Circulation, 2019, 140, 1409-1425.	1.6	54
94	Contribution of the anaphylatoxin receptors, C3aR and C5aR, to the pathogenesis of pulmonary fibrosis. FASEB Journal, 2016, 30, 2336-2350.	0.5	53
95	Leukotriene B4 Mediates Neutrophil Migration Induced by Heme. Journal of Immunology, 2011, 186, 6562-6567.	0.8	52
96	Activation and Regulation of Cellular Eicosanoid Biosynthesis. Scientific World Journal, The, 2007, 7, 1273-1284.	2.1	51
97	Arachidonic Acid Metabolism Regulates Escherichia coli Penetration of the Blood-Brain Barrier. Infection and Immunity, 2010, 78, 4302-4310.	2.2	51
98	Expanding roles for leukotrienes in airway inflammation. Current Allergy and Asthma Reports, 2008, 8, 367-373.	5.3	48
99	Airway remodeling in murine asthma correlates with a defect in PGE₂synthesis by lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L636-L644.	2.9	48
100	Prostaglandin E2As an Inhibitory Modulator of Fibrogenesis in Human Lung Allografts. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 77-84.	5.6	48
101	Interleukin-36Î³ and IL-36 receptor signaling mediate impaired host immunity and lung injury in cytotoxic Pseudomonas aeruginosa pulmonary infection: Role of prostaglandin E2. PLoS Pathogens, 2017, 13, e1006737.	4.7	48
102	IL-36Î³ is secreted in microparticles and exosomes by lung macrophages in response to bacteria and bacterial components. Journal of Leukocyte Biology, 2016, 100, 413-421.	3.3	47
103	Phosphorylation of Serine 271 on 5-Lipoxygenase and Its Role in Nuclear Export. Journal of Biological Chemistry, 2009, 284, 306-313.	3.4	45
104	FcÎ³RI ligation leads to a complex with BLT1 in lipid rafts that enhances rat lung macrophage antimicrobial functions. Blood, 2009, 114, 3316-3324.	1.4	45
105	Prostaglandin E₂increases fibroblast geneâ€specific and global DNA methylationviaincreased DNA methyltransferase expression. FASEB Journal, 2012, 26, 3703-3714.	0.5	45
106	Activation of Phosphatase and Tensin Homolog on Chromosome 10 Mediates the Inhibition of FcÎ³R Phagocytosis by Prostaglandin E2 in Alveolar Macrophages. Journal of Immunology, 2007, 179, 8350-8356.	0.8	44
107	Modulation of Alveolar Macrophage Phagocytosis by Leukotrienes Is Fc Receptorâ€“Mediated and Protein Kinase C-Dependent. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 727-733.	2.9	43
108	E-Prostanoid 3 Receptor Deletion Improves Pulmonary Host Defense and Protects Mice from Death in SevereStreptococcus pneumoniaeInfection. Journal of Immunology, 2009, 183, 2642-2649.	0.8	43

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109	Rat Alveolar Macrophages Synthesize Leukotriene B4and 12-Hydroxyeicosatetraenoic Acid from Alveolar Epithelial Cell-derived Arachidonic Acid. The American Review of Respiratory Disease, 1988, 138, 928-935.	2.9	42
110	Identification of a Bipartite Nuclear Localization Sequence Necessary for Nuclear Import of 5-Lipoxygenase. Journal of Biological Chemistry, 1999, 274, 29812-29818.	3.4	42
111	Macrophage Dectin-1 Expression Is Controlled by Leukotriene B4 via a GM-CSF/PU.1 Axis. Journal of Immunology, 2012, 189, 906-915.	0.8	42
112	Myofibroblast dedifferentiation proceeds via distinct transcriptomic and phenotypic transitions. JCI Insight, 2021, 6, .	5.0	42
113	Distinctive Effects of GM-CSF and M-CSF on Proliferation and Polarization of Two Major Pulmonary Macrophage Populations. Journal of Immunology, 2019, 202, 2700-2709.	0.8	40
114	Granulocyte-Macrophage Colony-Stimulating Factor Upregulates Reduced 5-Lipoxygenase Metabolism in Peripheral Blood Monocytes and Neutrophils in Acquired Immunodeficiency Syndrome. Blood, 1999, 94, 3897-3905.	1.4	39
115	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.	0.8	38
116	Leukotriene B4 mediates Î³Î´ T lymphocyte migration in response to diverse stimuli. Journal of Leukocyte Biology, 2009, 87, 323-332.	3.3	38
117	Leukotriene B4mediates p47phox phosphorylation and membrane translocation in polyunsaturated fatty acid-stimulated neutrophils. Journal of Leukocyte Biology, 2005, 78, 976-984.	3.3	37
118	Disruption of Leptin Receptorâ€“STAT3 Signaling Enhances Leukotriene Production and Pulmonary Host Defense against Pneumococcal Pneumonia. Journal of Immunology, 2011, 186, 1081-1090.	0.8	37
119	Role of leukotrienes in killing of Mycobacterium bovis by neutrophils. Prostaglandins Leukotrienes and Essential Fatty Acids, 2004, 71, 185-190.	2.2	36
120	Leukotrienes Target F-actin/Cofilin-1 to Enhance Alveolar Macrophage Anti-fungal Activity. Journal of Biological Chemistry, 2011, 286, 28902-28913.	3.4	36
121	Alveolar Epithelial Cellâ€“Derived Prostaglandin E2 Serves as a Request Signal for Macrophage Secretion of Suppressor of Cytokine Signaling 3 during Innate Inflammation. Journal of Immunology, 2016, 196, 5112-5120.	0.8	36
122	Glucocorticoid receptors are required for upâ€regulation of neuronal 5â€lipoxygenase (5LOX) expression by dexamethasone. FASEB Journal, 2001, 15, 1792-1794.	0.5	35
123	Cysteinyl leukotriene interactions with other mediators and with glucocorticosteroids during airway inflammation. Journal of Allergy and Clinical Immunology, 2003, 111, S37-S48.	2.9	35
124	Capacity for repeatable leukotriene generation after transient stimulation of mast cells and macrophages. Biochemical Journal, 1998, 329, 519-525.	3.7	34
125	Hydrogen Peroxide Increases the Availability of Arachidonic Acid for Oxidative Metabolism by Inhibiting Acylation into Phospholipids in the Alveolar Macrophage. American Journal of Respiratory Cell and Molecular Biology, 1992, 7, 307-316.	2.9	33
126	Impaired synthesis of prostaglandin E2 by lung fibroblasts and alveolar epithelial cells from GM-CSFâ^'/â^' mice: implications for fibroproliferation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L1103-L1111.	2.9	33

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127	Resident alveolar macrophageâ€derived vesicular SOCS3 dampens allergic airway inflammation. FASEB Journal, 2020, 34, 4718-4731.	0.5	33
128	Identification of Two Novel Nuclear Import Sequences on the 5-Lipoxygenase Protein. Journal of Biological Chemistry, 2003, 278, 10257-10263.	3.4	31
129	Prolonged lipopolysaccharide inhibits leukotriene synthesis in peritoneal macrophages: mediation by nitric oxide and prostaglandins. Prostaglandins and Other Lipid Mediators, 2003, 71, 131-145.	1.9	30
130	Plasmin Overcomes Resistance to Prostaglandin E2 in Fibrotic Lung Fibroblasts by Reorganizing Protein Kinase A Signaling. Journal of Biological Chemistry, 2011, 286, 32231-32243.	3.4	30
131	Structural and Functional Criteria Reveal a New Nuclear Import Sequence on the 5-Lipoxygenase Protein. Journal of Biological Chemistry, 2002, 277, 38550-38556.	3.4	29
132	Pivotal Role of the 5-Lipoxygenase Pathway in Lung Injury after Experimental Sepsis. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 87-95.	2.9	29
133	Rap1 Activation Is Required for FcÎ³ Receptor-Dependent Phagocytosis. Journal of Immunology, 2008, 181, 5501-5509.	0.8	27
134	Critical Role of 5-Lipoxygenase and Heme Oxygenase-1 in Wound Healing. Journal of Investigative Dermatology, 2014, 134, 1436-1445.	0.7	27
135	Ablation of the leptin receptor in myeloid cells impairs pulmonary clearance ofStreptococcus pneumoniaeand alveolar macrophage bactericidal function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L78-L86.	2.9	27
136	Prostaglandin E₂Reduces Toll-Like Receptor 4 Expression in Alveolar Macrophages by Inhibition of Translation. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 242-250.	2.9	26
137	Prostanoids in Asthma and COPD. Chest, 2015, 148, 1300-1306.	0.8	26
138	Molecular determinants of mesenchymal cell activation in fibroproliferative diseases. Cellular and Molecular Life Sciences, 2019, 76, 4179-4201.	5.4	25
139	Sulphatides trigger polymorphonuclear granulocyte spreading on collagen-coated surfaces and inhibit subsequent activation of 5-lipoxygenase. Biochemical Journal, 2001, 359, 621-629.	3.7	24
140	Nuclear localization of leukotriene A4 hydrolase in type II alveolar epithelial cells in normal and fibrotic lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L224-L232.	2.9	24
141	Cholesterol and its anionic derivatives inhibit 5-lipoxygenase activation in polymorphonuclear leukocytes and MonoMac6 cells. FEBS Journal, 2006, 273, 548-557.	4.7	24
142	Extending the understanding of leukotrienes in asthma. Current Opinion in Allergy and Clinical Immunology, 2003, 3, 57-63.	2.3	23
143	Ablation of Leptin Receptor-Mediated ERK Activation Impairs Host Defense against Gram-Negative Pneumonia. Journal of Immunology, 2012, 189, 867-875.	0.8	23
144	Reduced 5-lipoxygenase metabolism of arachidonic acid in macrophages rrom 1,25-dihydroxyvitamin D3-deficient rats. Prostaglandins, 1994, 48, 313-329.	1.2	21

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145	INDUCTION OF INDUCIBLE NITRIC OXIDE SYNTHASE BY LIPOPOLYSACCHARIDE/INTERFERON GAMMA AND SEPSIS DOWN-REGULATES 5-LIPOXYGENASE METABOLISM IN MURINE ALVEOLAR MACROPHAGES. Experimental Lung Research, 2004, 30, 615-633.	1.2	21
146	Differential regulation by leukotrienes and calcium of FcÂ receptor-induced phagocytosis and Syk activation in dendritic cells versus macrophages. Journal of Leukocyte Biology, 2006, 79, 1234-1241.	3.3	21
147	Ketoprofen Impairs Immunosuppression Induced by Severe Sepsis and Reveals an Important Role for Prostaglandin E2. Shock, 2012, 38, 620-629.	2.1	21
148	E-prostanoid 2 receptor signaling suppresses lung innate immunity against Streptococcus pneumoniae. Prostaglandins and Other Lipid Mediators, 2012, 98, 23-30.	1.9	21
149	Alveolar macrophage secretion of vesicular SOCS3 represents a platform for lung cancer therapeutics. JCI Insight, 2019, 4, .	5.0	21
150	Phosphatase and Tensin Homologue on Chromosome 10 (PTEN) Directs Prostaglandin E2-mediated Fibroblast Responses via Regulation of E Prostanoid 2 Receptor Expression. Journal of Biological Chemistry, 2009, 284, 32264-32271.	3.4	20
151	Regulation of alveolar macrophage p40phox: hierarchy of activating kinases and their inhibition by PGE2. Journal of Leukocyte Biology, 2012, 92, 219-231.	3.3	20
152	Intrauterine Group A Streptococcal Infections Are Exacerbated by Prostaglandin E2. Journal of Immunology, 2013, 191, 2457-2465.	0.8	20
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