

Michael J Holtzman

List of Publications by Year in descending order

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155
papers

14,385
citations

18482

62
h-index

22166

113
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166
all docs

166
docs citations

166
times ranked

21947
citing authors

#	ARTICLE	IF	CITATIONS
1	Potently neutralizing and protective human antibodies against SARS-CoV-2. <i>Nature</i> , 2020, 584, 443-449.	27.8	956
2	SARS-CoV-2 infection of human ACE2-transgenic mice causes severe lung inflammation and impaired function. <i>Nature Immunology</i> , 2020, 21, 1327-1335.	14.5	743
3	Peripheral CD103+ dendritic cells form a unified subset developmentally related to CD8 α ⁺ conventional dendritic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 823-836.	8.5	662
4	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. <i>Cell</i> , 2020, 182, 744-753.e4.	28.9	486
5	Persistent activation of an innate immune response translates respiratory viral infection into chronic lung disease. <i>Nature Medicine</i> , 2008, 14, 633-640.	30.7	477
6	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. <i>Cell</i> , 2020, 183, 169-184.e13.	28.9	446
7	The microbial metabolite desaminotyrosine protects from influenza through type I interferon. <i>Science</i> , 2017, 357, 498-502.	12.6	391
8	Influenza Virus Receptor Specificity and Cell Tropism in Mouse and Human Airway Epithelial Cells. <i>Journal of Virology</i> , 2006, 80, 7469-7480.	3.4	332
9	Long-term IL-33 α producing epithelial progenitor cells in chronic obstructive lung disease. <i>Journal of Clinical Investigation</i> , 2013, 123, 3967-3982.	8.2	269
10	CCL5-CCR5 interaction provides antiapoptotic signals for macrophage survival during viral infection. <i>Nature Medicine</i> , 2005, 11, 1180-1187.	30.7	263
11	Stat1 Depends on Transcriptional Synergy with Sp1. <i>Journal of Biological Chemistry</i> , 1995, 270, 30264-30267.	3.4	241
12	Arachidonic Acid Metabolism: Implications of Biological Chemistry for Lung Function and Disease. <i>The American Review of Respiratory Disease</i> , 1991, 143, 188-203.	2.9	235
13	Blocking airway mucous cell metaplasia by inhibiting EGFR antiapoptosis and IL-13 transdifferentiation signals. <i>Journal of Clinical Investigation</i> , 2006, 116, 309-321.	8.2	231
14	Respiratory Syncytial Virus Nonstructural Proteins NS1 and NS2 Mediate Inhibition of Stat2 Expression and Alpha/Beta Interferon Responsiveness. <i>Journal of Virology</i> , 2005, 79, 9315-9319.	3.4	230
15	Epithelial Cell Proliferation Contributes to Airway Remodeling in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 138-145.	5.6	208
16	Skin-Derived TSLP Triggers Progression from Epidermal-Barrier Defects to Asthma. <i>PLoS Biology</i> , 2009, 7, e1000067.	5.6	202
17	Constitutive activation of an epithelial signal transducer and activator of transcription (STAT) pathway in asthma. <i>Journal of Clinical Investigation</i> , 1999, 103, 1353-1361.	8.2	195
18	The role of airway epithelial cells and innate immune cells in chronic respiratory disease. <i>Nature Reviews Immunology</i> , 2014, 14, 686-698.	22.7	193

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19	PARP9-DTX3L ubiquitin ligase targets host histone H2BJ and viral 3C protease to enhance interferon signaling and control viral infection. <i>Nature Immunology</i> , 2015, 16, 1215-1227.	14.5	191
20	Induction of high-affinity IgE receptor on lung dendritic cells during viral infection leads to mucous cell metaplasia. <i>Journal of Experimental Medicine</i> , 2007, 204, 2759-2769.	8.5	184
21	IL-13-induced airway mucus production is attenuated by MAPK13 inhibition. <i>Journal of Clinical Investigation</i> , 2012, 122, 4555-4568.	8.2	168
22	Hepatitis C Virus Core Protein Blocks Interferon Signaling by Interaction with the STAT1 SH2 Domain. <i>Journal of Virology</i> , 2006, 80, 9226-9235.	3.4	167
23	TREM-2 promotes macrophage survival and lung disease after respiratory viral infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 681-697.	8.5	164
24	Replication-Competent Vesicular Stomatitis Virus Vaccine Vector Protects against SARS-CoV-2-Mediated Pathogenesis in Mice. <i>Cell Host and Microbe</i> , 2020, 28, 465-474.e4.	11.0	156
25	Toxoplasma Effector Recruits the Mi-2/NuRD Complex to Repress STAT1 Transcription and Block IFN- γ -Dependent Gene Expression. <i>Cell Host and Microbe</i> , 2016, 20, 72-82.	11.0	153
26	Identification of a cyclooxygenase-related gene and its potential role in prostaglandin formation. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 1358-1365.	2.1	152
27	Interleukin 12 P40 Production by Barrier Epithelial Cells during Airway Inflammation. <i>Journal of Experimental Medicine</i> , 2001, 193, 339-352.	8.5	152
28	Direct Suppression of Stat1 Function during Adenoviral Infection. <i>Immunity</i> , 1998, 9, 871-880.	14.3	151
29	Neurodegenerative disease mutations in TREM2 reveal a functional surface and distinct loss-of-function mechanisms. <i>ELife</i> , 2016, 5, .	6.0	145
30	Spatially Heterogeneous Choroid Plexus Transcriptomes Encode Positional Identity and Contribute to Regional CSF Production. <i>Journal of Neuroscience</i> , 2015, 35, 4903-4916.	3.6	138
31	Viral induction of a chronic asthma phenotype and genetic segregation from the acute response. <i>Journal of Clinical Investigation</i> , 2002, 110, 165-175.	8.2	135
32	Asthma as a chronic disease of the innate and adaptive immune systems responding to viruses and allergens. <i>Journal of Clinical Investigation</i> , 2012, 122, 2741-2748.	8.2	134
33	IL13 activates autophagy to regulate secretion in airway epithelial cells. <i>Autophagy</i> , 2016, 12, 397-409.	9.1	130
34	Viral induction of a chronic asthma phenotype and genetic segregation from the acute response. <i>Journal of Clinical Investigation</i> , 2002, 110, 165-175.	8.2	122
35	Genetic Variability of Human Metapneumovirus Infection: Evidence of a Shift in Viral Genotype without a Change in Illness. <i>Journal of Infectious Diseases</i> , 2006, 193, 396-403.	4.0	120
36	The choroid plexus is an important circadian clock component. <i>Nature Communications</i> , 2018, 9, 1062.	12.8	118

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37	Immunity, Inflammation, and Remodeling in the Airway Epithelial Barrier: Epithelial-Viral-Allergic Paradigm. <i>Physiological Reviews</i> , 2002, 82, 19-46.	28.8	115
38	Chemosensory Functions for Pulmonary Neuroendocrine Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 637-646.	2.9	113
39	Melanoma Differentiation-Associated Gene 5 (MDA5) Is Involved in the Innate Immune Response to Paramyxoviridae Infection In Vivo. <i>PLoS Pathogens</i> , 2010, 6, e1000734.	4.7	112
40	Alternatively Activated Macrophages and Airway Disease. <i>Chest</i> , 2011, 140, 768-774.	0.8	107
41	The Role of CLCA Proteins in Inflammatory Airway Disease. <i>Annual Review of Physiology</i> , 2009, 71, 425-449.	13.1	105
42	Reactive Oxygen Species Induce Antiviral Innate Immune Response through IFN- λ Regulation in Human Nasal Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 855-865.	2.9	100
43	Epithelial Chloride Transport by CFTR Requires TMEM16A. <i>Scientific Reports</i> , 2017, 7, 12397.	3.3	100
44	Detection of Severe Human Metapneumovirus Infection by Real-Time Polymerase Chain Reaction and Histopathological Assessment. <i>Journal of Infectious Diseases</i> , 2005, 192, 1052-1060.	4.0	98
45	A Dynamic Variation of Pulmonary ACE2 Is Required to Modulate Neutrophilic Inflammation in Response to <i>Pseudomonas aeruginosa</i> Lung Infection in Mice. <i>Journal of Immunology</i> , 2019, 203, 3000-3012.	0.8	94
46	Controls for Lung Dendritic Cell Maturation and Migration during Respiratory Viral Infection. <i>Journal of Immunology</i> , 2007, 179, 1438-1448.	0.8	91
47	Targeted Inhibition of Interferon- λ -dependent Intercellular Adhesion Molecule-1 (ICAM-1) Expression Using Dominant-Negative Stat1. <i>Journal of Biological Chemistry</i> , 1997, 272, 28582-28589.	3.4	90
48	Antigen-Nonspecific Recruitment of Th2 Cells to the Lung as a Mechanism for Viral Infection-Induced Allergic Asthma. <i>Journal of Immunology</i> , 2002, 169, 5458-5467.	0.8	89
49	Induction of Alternatively Activated Macrophages Enhances Pathogenesis during Severe Acute Respiratory Syndrome Coronavirus Infection. <i>Journal of Virology</i> , 2012, 86, 13334-13349.	3.4	88
50	American Thoracic Society/National Heart, Lung, and Blood Institute Asthma-“Chronic Obstructive Pulmonary Disease Overlap Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 375-381.	5.6	86
51	Cutting Edge: B and T Lymphocyte Attenuator and Programmed Death Receptor-1 Inhibitory Receptors Are Required for Termination of Acute Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2006, 176, 3909-3913.	0.8	84
52	Homeostatic Control of Innate Lung Inflammation by Vici Syndrome Gene Epg5 and Additional Autophagy Genes Promotes Influenza Pathogenesis. <i>Cell Host and Microbe</i> , 2016, 19, 102-113.	11.0	83
53	Patterns for RANTES Secretion and Intercellular Adhesion Molecule 1 Expression Mediate Transepithelial T Cell Traffic Based on Analyses In Vitro and In Vivo. <i>Journal of Experimental Medicine</i> , 1998, 187, 1927-1940.	8.5	79
54	Interferon- λ -induced Epithelial ICAM-1 Expression and Monocyte Adhesion. <i>Journal of Biological Chemistry</i> , 2002, 277, 7118-7126.	3.4	79

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55	A Transgenic FOXJ1-Cre System for Gene Inactivation in Ciliated Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 515-519.	2.9	75
56	Oxidative Damage to Nucleic Acids in Severe Emphysema. <i>Chest</i> , 2009, 135, 965-974.	0.8	71
57	Interferon response and respiratory virus control are preserved in bronchial epithelial cells in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1402-1412.e7.	2.9	71
58	Pathogenicity of a disease-associated human IL-4 receptor allele in experimental asthma. <i>Journal of Experimental Medicine</i> , 2009, 206, 2191-2204.	8.5	70
59	Histochemical Evidence for Induction of Arachidonate 15-Lipoxygenase in Airway Disease. <i>The American Review of Respiratory Disease</i> , 1993, 147, 1024-1028.	2.9	69
60	Influenza A Virus Infection Causes Chronic Lung Disease Linked to Sites of Active Viral RNA Remnants. <i>Journal of Immunology</i> , 2018, 201, 2354-2368.	0.8	69
61	Airway Epithelial versus Immune Cell Stat1 Function for Innate Defense against Respiratory Viral Infection. <i>Journal of Immunology</i> , 2008, 180, 3319-3328.	0.8	68
62	Genetic segregation of airway disease traits despite redundancy of calcium-activated chloride channel family members. <i>Physiological Genomics</i> , 2006, 25, 502-513.	2.3	67
63	Choroid plexus NKCC1 mediates cerebrospinal fluid clearance during mouse early postnatal development. <i>Nature Communications</i> , 2021, 12, 447.	12.8	67
64	Preferential human eosinophil chemotactic activity of the platelet-activating factor (PAF) 1-O-hexadecyl-2-acetyl-sn-glycerol-3-phosphocholine (AGEPC). <i>Journal of Clinical Immunology</i> , 1987, 7, 179-184.	3.8	63
65	P-Glycoprotein Is a Major Determinant of Norbuprenorphine Brain Exposure and Antinociception. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 53-61.	2.5	63
66	Cigarette Smoke Induces Nucleic-Acid Oxidation in Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 576-584.	2.9	62
67	Apoptosis in the Airways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 3-7.	2.9	61
68	Self-cleavage of Human CLCA1 Protein by a Novel Internal Metalloprotease Domain Controls Calcium-activated Chloride Channel Activation. <i>Journal of Biological Chemistry</i> , 2012, 287, 42138-42149.	3.4	61
69	Increased Iron Sequestration in Alveolar Macrophages in Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2014, 9, e96285.	2.5	61
70	Cutting Edge: CD49d+ Neutrophils Induce FcγRI Expression on Lung Dendritic Cells in a Mouse Model of Postviral Asthma. <i>Journal of Immunology</i> , 2010, 185, 4983-4987.	0.8	59
71	SARS-CoV-2 Causes Lung Infection without Severe Disease in Human ACE2 Knock-In Mice. <i>Journal of Virology</i> , 2022, 96, JVI0151121.	3.4	58
72	Conditional knockout mice for the distal appendage protein CEP164 reveal its essential roles in airway multiciliated cell differentiation. <i>PLoS Genetics</i> , 2017, 13, e1007128.	3.5	57

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73	Could Asthma Be Worsened by Stimulating the T-helper Type 1 Immune Response?. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 143-146.	2.9	56
74	Tracking Calcium Dynamics and Immune Surveillance at the Choroid Plexus Blood-Cerebrospinal Fluid Interface. Neuron, 2020, 108, 623-639.e10.	8.1	56
75	Emerging role of dendritic cells in respiratory viral infection. Journal of Molecular Medicine, 2007, 85, 1057-1068.	3.9	53
76	Interaction between smoking and ATG16L1T300A triggers Paneth cell defects in Crohn's disease. Journal of Clinical Investigation, 2018, 128, 5110-5122.	8.2	53
77	Specification of a Foxj1-Dependent Lineage in the Forebrain Is Required for Embryonic-to-Postnatal Transition of Neurogenesis in the Olfactory Bulb. Journal of Neuroscience, 2011, 31, 9368-9382.	3.6	52
78	An acoustofluidic sputum liquefier. Lab on A Chip, 2015, 15, 3125-3131.	6.0	51
79	Acute and Chronic Airway Responses to Viral Infection: Implications for Asthma and Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2005, 2, 132-140.	3.5	50
80	Estrogen receptor β is required for oviductal transport of embryos. FASEB Journal, 2017, 31, 1595-1607.	0.5	50
81	Dipeptidyl Peptidase I-Dependent Neutrophil Recruitment Modulates the Inflammatory Response to Sendai Virus Infection. Journal of Immunology, 2008, 180, 3535-3542.	0.8	48
82	Macrophage Chitinase 1 Stratifies Chronic Obstructive Lung Disease. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 379-384.	2.9	48
83	Asthma Exacerbations after Glucocorticoid Withdrawal Reflects T Cell Recruitment to the Airway. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 842-849.	5.6	47
84	OSCAR Is a Receptor for Surfactant Protein D That Activates TNF- α Release from Human CCR2+ Inflammatory Monocytes. Journal of Immunology, 2015, 194, 3317-3326.	0.8	47
85	High Throughput Screening for Small Molecule Enhancers of the Interferon Signaling Pathway to Drive Next-Generation Antiviral Drug Discovery. PLoS ONE, 2012, 7, e36594.	2.5	46
86	Drug Development for Asthma. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 163-171.	2.9	45
87	PET-based Imaging of Chemokine Receptor 2 in Experimental and Disease-related Lung Inflammation. Radiology, 2017, 283, 758-768.	7.3	44
88	Myb Permits Multilineage Airway Epithelial Cell Differentiation. Stem Cells, 2014, 32, 3245-3256.	3.2	43
89	Differential Role of Janus Family Kinases (JAKs) in Interferon- γ -Induced Lung Epithelial ICAM-1 Expression: Involving Protein Interactions between JAKs, Phospholipase $C\beta$, c-Src, and STAT1. Molecular Pharmacology, 2004, 65, 589-598.	2.3	42
90	Chapter 5 Immune Pathways for Translating Viral Infection into Chronic Airway Disease. Advances in Immunology, 2009, 102, 245-276.	2.2	41

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91	A Centennial History of Research on Asthma Pathogenesis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 483-489.	2.9	39
92	Involvement of the p38 MAPK pathway in IL-13-induced mucous cell metaplasia in mouse tracheal epithelial cells. <i>Respirology</i> , 2008, 13, 191-202.	2.3	39
93	Nasally delivered interferon- β protects mice against infection by SARS-CoV-2 variants including Omicron. <i>Cell Reports</i> , 2022, 39, 110799.	6.4	39
94	Interplay of RFX transcription factors 1, 2 and 3 in motile ciliogenesis. <i>Nucleic Acids Research</i> , 2020, 48, 9019-9036.	14.5	36
95	Novel Mode of ISG15-Mediated Protection against Influenza A Virus and Sendai Virus in Mice. <i>Journal of Virology</i> , 2015, 89, 337-349.	3.4	35
96	Removal of aquaporin-4 from glial and ependymal membranes causes brain water accumulation. <i>Molecular and Cellular Neurosciences</i> , 2016, 77, 47-52.	2.2	35
97	STAT1 Activation Causes Translocation of Bax to the Endoplasmic Reticulum during the Resolution of Airway Mucous Cell Hyperplasia by IFN- β . <i>Journal of Immunology</i> , 2007, 178, 8107-8116.	0.8	34
98	Detection of respiratory viruses and the associated chemokine responses in serious acute respiratory illness. <i>Thorax</i> , 2010, 65, 639-644.	5.6	34
99	Modification of the Stat1 SH2 Domain Broadly Improves Interferon Efficacy in Proportion to p300/CREB-binding Protein Coactivator Recruitment. <i>Journal of Biological Chemistry</i> , 2005, 280, 34306-34315.	3.4	33
100	Macrophage chitinase 1 stratifies chronic obstructive lung disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 379-84.	2.9	33
101	The crystal structure of phosphorylated MAPK13 reveals common structural features and differences in p38 MAPK family activation. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 790-799.	2.5	31
102	Triggering Receptor Expressed on Myeloid Cells-2 Expression Tracks With M2-Like Macrophage Activity and Disease Severity in COPD. <i>Chest</i> , 2018, 153, 77-86.	0.8	31
103	Basal epithelial stem cells cross an alarmin checkpoint for postviral lung disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
104	Molecular heterogeneity in the choroid plexus epithelium: the 22 nd member of protocadherin family is differentially expressed, apically localized, and implicated in CSF regulation. <i>Journal of Neurochemistry</i> , 2012, 120, 913-927.	3.9	29
105	Structural basis for human respiratory syncytial virus NS1-mediated modulation of host responses. <i>Nature Microbiology</i> , 2017, 2, 17101.	13.3	29
106	STAT1 modification improves therapeutic effects of interferons on lung cancer cells. <i>Journal of Translational Medicine</i> , 2015, 13, 293.	4.4	28
107	The Induction of Pattern-Recognition Receptor Expression against Influenza A Virus through Duox2-Derived Reactive Oxygen Species in Nasal Mucosa. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 525-535.	2.9	28
108	Constitutive activation of canonical Wnt signaling disrupts choroid plexus epithelial fate. <i>Nature Communications</i> , 2022, 13, 633.	12.8	28

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109	Arachidonate 12-Lipoxygenase and Cyclooxygenase:PGE Isomerase are Predominant Pathways for Oxygenation in Bovine Tracheal Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1989, 1, 237-244.	2.9	27
110	Synthesis of the 1-O-hexadecyl molecular species of platelet-activating factor by airway epithelial and vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1991, 177, 357-364.	2.1	27
111	Prostaglandin H Synthase and Lipoxygenase Gene Families in the Epithelial Cell Barrier. <i>Annals of the New York Academy of Sciences</i> , 1994, 744, 58-77.	3.8	23
112	Molecular Cloning, Functional Expression, and Selective Regulation of Ovine Prostaglandin H Synthase-2. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 499-506.	2.1	22
113	Host epithelial-viral interactions as cause and cure for asthma. <i>Current Opinion in Immunology</i> , 2011, 23, 487-494.	5.5	21
114	A New Electrospray Aerosol Generator with High Particle Transmission Efficiency. <i>Aerosol Science and Technology</i> , 2011, 45, 1176-1183.	3.1	21
115	Asthma reduces glioma formation by T cell decorin-mediated inhibition of microglia. <i>Nature Communications</i> , 2021, 12, 7122.	12.8	21
116	<i>Pseudomonas aeruginosa</i> survives in epithelia by ExoS-mediated inhibition of autophagy and mTOR. <i>EMBO Reports</i> , 2021, 22, e50613.	4.5	19
117	New immune pathways from chronic post-viral lung disease. <i>Annals of the New York Academy of Sciences</i> , 2010, 1183, 195-210.	3.8	18
118	Cell Adhesion Molecules as Targets for Unraveling the Genetic Regulation of Airway Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992, 7, 246-247.	2.9	17
119	Respiratory Enterovirus (like Parainfluenza Virus) Can Cause Chronic Lung Disease if Protection by Airway Epithelial STAT1 Is Lost. <i>Journal of Immunology</i> , 2019, 202, 2332-2347.	0.8	17
120	Role of PKC δ in IFN- β -inducible CIITA gene expression. <i>Molecular Immunology</i> , 2007, 44, 2841-2849.	2.2	16
121	Linking Acute Infection to Chronic Lung Disease. The Role of IL-33-Expressing Epithelial Progenitor Cells. <i>Annals of the American Thoracic Society</i> , 2014, 11, S287-S291.	3.2	16
122	High-Throughput Screening Normalized to Biological Response: Application to Antiviral Drug Discovery. <i>Journal of Biomolecular Screening</i> , 2014, 19, 119-130.	2.6	16
123	Group 2 Innate Lymphoid Cells Must Partner with the Myeloid-Macrophage Lineage for Long-Term Postviral Lung Disease. <i>Journal of Immunology</i> , 2020, 205, 1084-1101.	0.8	16
124	Effect of mechanical deformation of neutrophils on their CD18/ICAM-1-dependent adhesion. <i>Journal of Applied Physiology</i> , 2001, 91, 1084-1090.	2.5	15
125	Chemokine Complexity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 143-146.	2.9	15
126	Alternatively Activated Macrophages as Cause or Effect in Airway Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 1-4.	2.9	15

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127	Transition, Sunlight, and the Art of Journal Maintenance. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 1-2.	2.9	14
128	Preparation, crystallization, and preliminary crystallographic analysis of wild-type and mutant human TREM-2 ectodomains linked to neurodegenerative and inflammatory diseases. <i>Protein Expression and Purification</i> , 2014, 96, 32-38.	1.3	14
129	First comprehensive structural and biophysical analysis of MAPK13 inhibitors targeting DFG-in and DFG-out binding modes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2335-2344.	2.4	14
130	Dysfunction of the proteoglycan Tsukushi causes hydrocephalus through altered neurogenesis in the subventricular zone in mice. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	14
131	Hypersusceptibility to Respiratory Viruses as a Shared Mechanism for Asthma, Chronic Obstructive Pulmonary Disease, and Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 739-742.	2.9	13
132	TLR3-Activated Monocyte-Derived Dendritic Cells Trigger Progression from Acute Viral Infection to Chronic Disease in the Lung. <i>Journal of Immunology</i> , 2021, 206, 1297-1314.	0.8	13
133	Hit-and-Run Effects of Paramyxoviruses as a Basis for Chronic Respiratory Disease. <i>Pediatric Infectious Disease Journal</i> , 2004, 23, S235-S245.	2.0	12
134	Sex effects in the association between airway microbiome and asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 652-657.e3.	1.0	10
135	Matching Scientific with Societal Interests: Charges for the New Editor. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 19, 1-2.	2.9	9
136	Impaired CD8+ T cell immunity after allogeneic bone marrow transplantation leads to persistent and severe respiratory viral infection. <i>Transplant Immunology</i> , 2015, 32, 51-60.	1.2	9
137	Where are the gaps in asthma research? A counter-perspective. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 244-247.	2.9	8
138	Immunogenetic Programs for Viral Induction of Mucous Cell Metaplasia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 29-39.	2.9	8
139	Chemokine Signaling Regulates Apoptosis as well as Immune Cell Traffic in Host Defense. <i>Cell Cycle</i> , 2006, 5, 380-383.	2.6	8
140	Monitoring in vivo changes in lung microstructure with ³ He MRI in Sendai virus-infected mice. <i>Journal of Applied Physiology</i> , 2012, 112, 1593-1599.	2.5	8
141	Selective Imaging of Lung Macrophages Using [11C]PBR28-Based Positron Emission Tomography. <i>Molecular Imaging and Biology</i> , 2021, 23, 905-913.	2.6	8
142	Electronics, People, and the Art of Publication. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 1-2.	2.9	6
143	Viral and Host Strategies to Take Advantage of the Innate Immune Response. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 507-510.	2.9	6
144	Age-Dependent Reduction in Asthmatic Pathology through Reprogramming of Postviral Inflammatory Responses. <i>Journal of Immunology</i> , 2022, 208, 1467-1482.	0.8	6

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145	Does chloride channel accessory 3 have a role in arthritis pain? A study on murine antigen-induced arthritis. <i>Neuroscience Letters</i> , 2014, 576, 40-44.	2.1	5
146	Epithelial-Immune Cell Interactions for Drug Discovery in Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2018, 15, S260-S265.	3.2	5
147	Chloride channel accessory 1 gene deficiency causes selective loss of mucus production in a new pig model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L842-L852.	2.9	5
148	Preface to Series. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 523-526.	2.9	3
149	Defining and Adjusting Divergent Host Responses to Viral Infection. <i>Immunologic Research</i> , 2005, 32, 123-142.	2.9	2
150	Improving Peer Review and Introducing Translational Review. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 1-2.	2.9	1
151	Corrections: Airway Epithelial versus Immune Cell Stat1 Function for Innate Defense against Respiratory Viral Infection. <i>Journal of Immunology</i> , 2011, 187, 2834-2834.	0.8	1
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155	Airway epithelial versus immune cell STAT1 function for innate defense against respiratory viral infection. <i>FASEB Journal</i> , 2008, 22, 672.4.	0.5	0