Jay K Kolls

List of Publications by Year
in descending order

432 papers	44,368 citations	1994 101 h-index	2448 197 g-index
535 all docs	535 docs citations	535 times ranked	46820 citing authors

#	Article	IF	Citations
1	Interleukin-17 Family Members and Inflammation. Immunity, 2004, 21, 467-476.	14.3	2,128
2	The Biological Functions of T Helper 17 Cell Effector Cytokines in Inflammation. Immunity, 2008, 28, 454-467.	14.3	1,721
3	Requirement of Interleukin 17 Receptor Signaling for Lung Cxc Chemokine and Granulocyte Colony-Stimulating Factor Expression, Neutrophil Recruitment, and Host Defense. Journal of Experimental Medicine, 2001, 194, 519-528.	8.5	1,331
4	Targeting IL-17 and TH17 cells in chronic inflammation. Nature Reviews Drug Discovery, 2012, 11, 763-776.	46.4	1,098
5	IL-22 mediates mucosal host defense against Gram-negative bacterial pneumonia. Nature Medicine, 2008, 14, 275-281.	30.7	1,040
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
7	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. Nature Communications, 2015, 6, 8472.	12.8	693
8	A protective function for interleukin 17A in T cellâ€“mediated intestinal inflammation. Nature Immunology, 2009, 10, 603-609.	14.5	692
9	TH17 Cells Mediate Steroid-Resistant Airway Inflammation and Airway Hyperresponsiveness in Mice. Journal of Immunology, 2008, 181, 4089-4097.	0.8	677
10	Interleukin 17â€“producing T helper cells and interleukin 17 orchestrate autoreactive germinal center development in autoimmune BXD2 mice. Nature Immunology, 2008, 9, 166-175.	14.5	639
11	Ectopic colonization of oral bacteria in the intestine drives T _H 1 cell induction and inflammation. Science, 2017, 358, 359-365.	12.6	612
12	Control of TH17 cells occurs in the small intestine. Nature, 2011, 475, 514-518.	27.8	567
13	IL-17 is essential for host defense against cutaneous Staphylococcus aureus infection in mice. Journal of Clinical Investigation, 2010, 120, 1762-1773.	8.2	554
14	Divergent roles of IL-23 and IL-12 in host defense against Klebsiella pneumoniae . Journal of Experimental Medicine, 2005, 202, 761-769.	8.5	549
15	Simian immunodeficiency virusâ€“induced mucosal interleukin-17 deficiency promotes Salmonella dissemination from the gut. Nature Medicine, 2008, 14, 421-428.	30.7	509
16	Exogenous administration of heme oxygenase-1 by gene transfer provides protection against hyperoxia-induced lung injury. Journal of Clinical Investigation, 1999, 103, 1047-1054.	8.2	463
17	Upregulation of heme oxygenase-1 protects genetically fat Zucker rat livers from ischemia/reperfusion injury. Journal of Clinical Investigation, 1999, 104, 1631-1639.	8.2	458
18	The Beta-Glucan Receptor Dectin-1 Recognizes Specific Morphologies of Aspergillus fumigatus. PLoS Pathogens, 2005, 1, e42.	4.7	453

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19	The microbiota regulates neutrophil homeostasis and host resistance to Escherichia coli K1 sepsis in neonatal mice. Nature Medicine, 2014, 20, 524-530.	30.7	438
20	Interferon-Î³ Drives Treg Fragility to Promote Anti-tumor Immunity. Cell, 2017, 169, 1130-1141.e11.	28.9	431
21	Proinflammatory T helper type 17 cells are effective B-cell helpers. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14292-14297.	7.1	430
22	Cutting Edge: Roles of Toll-Like Receptor 4 and IL-23 in IL-17 Expression in Response toKlebsiella pneumoniaeInfection. Journal of Immunology, 2003, 170, 4432-4436.	0.8	426
23	Interleukin-17 and Lung Host Defense againstKlebsiella pneumoniae Infection. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 335-340.	2.9	423
24	Interleukin-17A Mediates Acquired Immunity to Pneumococcal Colonization. PLoS Pathogens, 2008, 4, e1000159.	4.7	422
25	Critical role of IL-17 receptor signaling in acute TNBS-induced colitis. Inflammatory Bowel Diseases, 2006, 12, 382-388.	1.9	411
26	The Th17 Pathway and Inflammatory Diseases of the Intestines, Lungs, and Skin. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 477-512.	22.4	384
27	Cutting Edge: Th17 and Regulatory T Cell Dynamics and the Regulation by IL-2 in the Tumor Microenvironment. Journal of Immunology, 2007, 178, 6730-6733.	0.8	375
28	Role of IL-17A, IL-17F, and the IL-17 Receptor in Regulating Growth-Related Oncogene-Î± and Granulocyte Colony-Stimulating Factor in Bronchial Epithelium: Implications for Airway Inflammation in Cystic Fibrosis. Journal of Immunology, 2005, 175, 404-412.	0.8	374
29	Blockade of Interleukin-17A Results in Reduced Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2010, 121, 1746-1755.	1.6	368
30	IL-17 Enhances the Net Angiogenic Activity and In Vivo Growth of Human Non-Small Cell Lung Cancer in SCID Mice through Promoting CXCR-2-Dependent Angiogenesis. Journal of Immunology, 2005, 175, 6177-6189.	0.8	366
31	Interleukin-22 treatment ameliorates alcoholic liver injury in a murine model of chronic-binge ethanol feeding: Role of signal transducer and activator of transcription 3. Hepatology, 2010, 52, 1291-1300.	7.3	364
32	IL-1-Independent Role of IL-17 in Synovial Inflammation and Joint Destruction During Collagen-Induced Arthritis. Journal of Immunology, 2001, 167, 1004-1013.	0.8	360
33	The development of inducible bronchus-associated lymphoid tissue depends on IL-17. Nature Immunology, 2011, 12, 639-646.	14.5	359
34	Allergic Sensitization through the Airway Primes Th17-dependent Neutrophilia and Airway Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 720-730.	5.6	354
35	Neutrophilic Inflammation in Asthma and Association with Disease Severity. Trends in Immunology, 2017, 38, 942-954.	6.8	331
36	Oncogenic Kras Activates a Hematopoietic-to-Epithelial IL-17 Signaling Axis in Preinvasive Pancreatic Neoplasia. Cancer Cell, 2014, 25, 621-637.	16.8	324

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37	Interleukin-17/Interleukin-17 Receptor-Mediated Signaling Is Important for Generation of an Optimal Polymorphonuclear Response against Toxoplasma gondii Infection. Infection and Immunity, 2005, 73, 617-621.	2.2	320
38	Critical Role of IL-17RA in Immunopathology of Influenza Infection. Journal of Immunology, 2009, 183, 5301-5310.	0.8	315
39	T_H17 Cells in Asthma and COPD. Annual Review of Physiology, 2010, 72, 495-516.	13.1	314
40	Identification of the IL-17 Receptor Related Molecule IL-17RC as the Receptor for IL-17F. Journal of Immunology, 2007, 179, 5462-5473.	0.8	312
41	Influenza A Inhibits Th17-Mediated Host Defense against Bacterial Pneumonia in Mice. Journal of Immunology, 2011, 186, 1666-1674.	0.8	312
42	IL-17 Promotes Bone Erosion in Murine Collagen-Induced Arthritis Through Loss of the Receptor Activator of NF-Î¹B Ligand/Osteoprotegerin Balance. Journal of Immunology, 2003, 170, 2655-2662.	0.8	309
43	Cytokine-mediated regulation of antimicrobial proteins. Nature Reviews Immunology, 2008, 8, 829-835.	22.7	301
44	High IFN-Î³ and low SLPI mark severe asthma in mice and humans. Journal of Clinical Investigation, 2015, 125, 3037-3050.	8.2	300
45	Adult stem cells from bone marrow stroma differentiate into airway epithelial cells: Potential therapy for cystic fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 186-191.	7.1	269
46	Alveolar Macrophageâ€“mediated Killing of Pneumocystis carinii f. sp. muris Involves Molecular Recognition by the Dectin-1 Î²-Glucan Receptor. Journal of Experimental Medicine, 2003, 198, 1677-1688.	8.5	265
47	Th17 cells and mucosal host defense. Seminars in Immunology, 2007, 19, 377-382.	5.6	256
48	Intestinal Interleukin-17 Receptor Signaling Mediates Reciprocal Control of the Gut Microbiota and Autoimmune Inflammation. Immunity, 2016, 44, 659-671.	14.3	256
49	Interleukin-17 Is Required for T Helper 1 Cell Immunity and Host Resistance to the Intracellular Pathogen Francisella tularensis. Immunity, 2009, 31, 799-810.	14.3	255
50	Alcohol, host defence and society. Nature Reviews Immunology, 2002, 2, 205-209.	22.7	245
51	Requirement of Endogenous Stem Cell Factor and Granulocyte-Colony-Stimulating Factor for IL-17-Mediated Granulopoiesis. Journal of Immunology, 2000, 164, 4783-4789.	0.8	243
52	Unexpected Role for IL-17 in Protective Immunity against Hypervirulent Mycobacterium tuberculosis HN878 Infection. PLoS Pathogens, 2014, 10, e1004099.	4.7	222
53	S100A8/A9 Proteins Mediate Neutrophilic Inflammation and Lung Pathology during Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1137-1146.	5.6	216
54	Stem Cells and Cell Therapies in Lung Biology and Lung Diseases. Proceedings of the American Thoracic Society, 2008, 5, 637-667.	3.5	212

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55	Th17 cytokines and mucosal immunity. Immunological Reviews, 2008, 226, 160-171.	6.0	197
56	Lipocalin 2 Is Required for Pulmonary Host Defense against Klebsiella Infection. Journal of Immunology, 2009, 182, 4947-4956.	0.8	194
57	T Cellâ€“Mediated Host Immune Defenses in the Lung. Annual Review of Immunology, 2013, 31, 605-633.	21.8	187
58	SARS-CoV-2 infection of primary human lung epithelium for COVID-19 modeling and drug discovery. Cell Reports, 2021, 35, 109055.	6.4	186
59	IL-22 Is Essential for Lung Epithelial Repair following Influenza Infection. American Journal of Pathology, 2013, 182, 1286-1296.	3.8	183
60	IL-23 mediates inflammatory responses to mucoidPseudomonas aeruginosalung infection in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L519-L528.	2.9	182
61	Interleukin-17 receptor deficiency results in impaired synovial expression of interleukin-1 and matrix metalloproteinases 3, 9, and 13 and prevents cartilage destruction during chronic reactivated streptococcal cell wall-induced arthritis. Arthritis and Rheumatism, 2005, 52, 3239-3247.	6.7	177
62	Increased granulopoiesis through interleukin-17 and granulocyte colony-stimulating factor in leukocyte adhesion moleculeâ€“deficient mice. Blood, 2001, 98, 3309-3314.	1.4	175
63	IL-23 Is Required for Long-Term Control of Mycobacterium tuberculosis and B Cell Follicle Formation in the Infected Lung. Journal of Immunology, 2011, 187, 5402-5407.	0.8	172
64	IL-17 Contributes to Angiogenesis in Rheumatoid Arthritis. Journal of Immunology, 2010, 184, 3233-3241.	0.8	169
65	Reactive oxygen species mediate tumor necrosis factor alphaâ€converting, enzymeâ€dependent ectodomain shedding induced by phorbol myristate acetate. FASEB Journal, 2001, 15, 303-305.	0.5	167
66	Directing traffic: <scp>IL</scp>â€17 and <scp>IL</scp>â€22 coordinate pulmonary immune defense. Immunological Reviews, 2014, 260, 129-144.	6.0	163
67	Regulation of Dendritic Cell Function by Vitamin D. Nutrients, 2015, 7, 8127-8151.	4.1	159
68	Th17 Cells Mediate Clade-Specific, Serotype-Independent Mucosal Immunity. Immunity, 2011, 35, 997-1009.	14.3	158
69	Contributions of the intestinal microbiome in lung immunity. European Journal of Immunology, 2018, 48, 39-49.	2.9	155
70	The role of Th17 cytokines in primary mucosal immunity. Cytokine and Growth Factor Reviews, 2010, 21, 443-448.	7.2	154
71	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. Nature, 2019, 570, 528-532.	27.8	153
72	Cytokines induce small intestine and liver injury after renal ischemia or nephrectomy. Laboratory Investigation, 2011, 91, 63-84.	3.7	150

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73	Cxcr2 and Cxcl5 regulate the IL-17/G-CSF axis and neutrophil homeostasis in mice. Journal of Clinical Investigation, 2012, 122, 974-986.	8.2	150
74	IL-17 Receptor Signaling in Oral Epithelial Cells Is Critical for Protection against Oropharyngeal Candidiasis. Cell Host and Microbe, 2016, 20, 606-617.	11.0	148
75	Interleukin-22 Signaling in the Regulation of Intestinal Health and Disease. Frontiers in Cell and Developmental Biology, 2015, 3, 85.	3.7	145
76	Lentiviral Vectors for Sustained Transgene Expression in Human Bone Marrowâ€“Derived Stromal Cells. Molecular Therapy, 2002, 5, 555-565.	8.2	144
77	An in Vivo Model for Elucidation of the Mechanism of Tumor Necrosis Factor-Î± (TNF-Î±)-Induced Insulin Resistance: Evidence for Differential Regulation of Insulin Signaling by TNF-Î±. Endocrinology, 1998, 139, 4928-4935.	2.8	143
78	Liver is the major source of elevated serum lipocalinâ€2 levels after bacterial infection or partial hepatectomy: A critical role for ILâ€6/STAT3. Hepatology, 2015, 61, 692-702.	7.3	143
79	IL-17RA Is Required for CCL2 Expression, Macrophage Recruitment, and Emphysema in Response to Cigarette Smoke. PLoS ONE, 2011, 6, e20333.	2.5	142
80	IL-17â€“Mediated Monocyte Migration Occurs Partially through CC Chemokine Ligand 2/Monocyte Chemoattractant Protein-1 Induction. Journal of Immunology, 2010, 184, 4479-4487.	0.8	129
81	Vitamin D3 attenuates Th2 responses to Aspergillus fumigatus mounted by CD4+ T cells from cystic fibrosis patients with allergic bronchopulmonary aspergillosis. Journal of Clinical Investigation, 2010, 120, 3242-3254.	8.2	129
82	Pharmacologic Advances in the Treatment and Prevention of Respiratory Syncytial Virus. Clinical Infectious Diseases, 2010, 50, 1258-1267.	5.8	127
83	Protein-tyrosine Phosphatase-1B Negatively Regulates Insulin Signaling in L6 Myocytes and Fao Hepatoma Cells. Journal of Biological Chemistry, 2001, 276, 10207-10211.	3.4	126
84	MCPIP1 Endoribonuclease Activity Negatively Regulates Interleukin-17-Mediated Signaling and Inflammation. Immunity, 2015, 43, 475-487.	14.3	125
85	Central Role of Toll-Like Receptor 4 Signaling and Host Defense in Experimental Pneumonia Caused by Gram-Negative Bacteria. Infection and Immunity, 2005, 73, 532-545.	2.2	123
86	Microbiological Laboratory Testing in the Diagnosis of Fungal Infections in Pulmonary and Critical Care Practice. An Official American Thoracic Society Clinical Practice Guideline. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 535-550.	5.6	122
87	Interluekin-17A (IL17A). Gene, 2017, 614, 8-14.	2.2	121
88	Influenza A Exacerbates Staphylococcus aureus Pneumonia by Attenuating IL-1Î² Production in Mice. Journal of Immunology, 2013, 191, 5153-5159.	0.8	119
89	Interleukin-17 Acts Independently of TNF-Î± under Arthritic Conditions. Journal of Immunology, 2006, 176, 6262-6269.	0.8	118
90	A Functional IL-13 Receptor Is Expressed on Polarized Murine CD4+ Th17 Cells and IL-13 Signaling Attenuates Th17 Cytokine Production. Journal of Immunology, 2009, 182, 5317-5321.	0.8	117

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91	Influenza A Virus Exacerbates Staphylococcus aureus Pneumonia in Mice by Attenuating Antimicrobial Peptide Production. Journal of Infectious Diseases, 2014, 209, 865-875.	4.0	117
92	IL-17 Receptor Signaling in the Lung Epithelium Is Required for Mucosal Chemokine Gradients and Pulmonary Host Defense against K.Âpneumoniae. Cell Host and Microbe, 2016, 20, 596-605.	11.0	115
93	IL-17RC Is Required for Immune Signaling via an Extended SEF/IL-17R Signaling Domain in the Cytoplasmic Tail. Journal of Immunology, 2010, 185, 1063-1070.	0.8	114
94	Immune Cell Production of Interleukin 17 Induces Stem Cell Features of Pancreatic Intraepithelial Neoplasia Cells. Gastroenterology, 2018, 155, 210-223.e3.	1.3	114
95	The immunology of influenza virus-associated bacterial pneumonia. Current Opinion in Immunology, 2015, 34, 59-67.	5.5	113
96	Liver-Directed Gene Transfer in Non-Human Primates. Human Gene Therapy, 1997, 8, 1195-1206.	2.7	112
97	TNF-Î± from inflammatory dendritic cells (DCs) regulates lung IL-17A/IL-5 levels and neutrophilia versus eosinophilia during persistent fungal infection. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5360-5365.	7.1	112
98	Exome-capture RNA sequencing of decade-old breast cancers and matched decalcified bone metastases. JCI Insight, 2017, 2, .	5.0	111
99	Estrogen and progesterone decrease let-7f microRNA expression and increase IL-23/IL-23 receptor signaling and IL-17A production in patients with severe asthma. Journal of Allergy and Clinical Immunology, 2015, 136, 1025-1034.e11.	2.9	110
100	Conserved natural IgM antibodies mediate innate and adaptive immunity against the opportunistic fungus Pneumocystis murina. Journal of Experimental Medicine, 2010, 207, 2907-2919.	8.5	109
101	CXCL1 Regulates Pulmonary Host Defense to Klebsiella Infection via CXCL2, CXCL5, NF-Î°B, and MAPKs. Journal of Immunology, 2010, 185, 6214-6225.	0.8	109
102	Respiratory syncytial virus infection in the absence of STAT1 results in airway dysfunction, airway mucus, and augmented IL-17 levels. Journal of Allergy and Clinical Immunology, 2005, 116, 550-557.	2.9	108
103	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. Journal of Immunology, 2016, 197, 97-107.	0.8	108
104	LAG3 limits regulatory T cell proliferation and function in autoimmune diabetes. Science Immunology, 2017, 2, .	11.9	107
105	Regulatory T Cells Dampen Pulmonary Inflammation and Lung Injury in an Animal Model ofPneumocystisPneumonia. Journal of Immunology, 2006, 177, 6215-6226.	0.8	106
106	Interleukin-17 Contributes to Generation of Th1 Immunity and Neutrophil Recruitment duringChlamydia muridarumGenital Tract Infection but Is Not Required for Macrophage Influx or Normal Resolution of Infection. Infection and Immunity, 2011, 79, 1349-1362.	2.2	103
107	TRIF and IRF-3 Binding to the TNF Promoter Results in Macrophage TNF Dysregulation and Steatosis Induced by Chronic Ethanol. Journal of Immunology, 2008, 181, 3049-3056.	0.8	102
108	Induction and stability of human Th17 cells require endogenous NOS2 and cGMP-dependent NO signaling. Journal of Experimental Medicine, 2013, 210, 1433-1445.	8.5	101

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109	Targeting dendritic cells to accelerate T-cell activation overcomes a bottleneck in tuberculosis vaccine efficacy. Nature Communications, 2016, 7, 13894.	12.8	100
110	Stress and Bronchodilator Response in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 47-56.	5.6	99
111	Use of Transient CD4 Lymphocyte Depletion to Prolong Transgene Expression of E1-Deleted Adenoviral Vectors. Human Gene Therapy, 1996, 7, 489-497.	2.7	98
112	Innate Stat3-mediated induction of the antimicrobial protein Reg3Î³ is required for host defense against MRSA pneumonia. Journal of Experimental Medicine, 2013, 210, 551-561.	8.5	98
113	AMPK Agonists Ameliorate Sodium and Fluid Transport and Inflammation in Cystic Fibrosis Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 676-684.	2.9	97
114	ADCYAP1R1 and Asthma in Puerto Rican Children. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 584-588.	5.6	97
115	IL-23 Is Required for Protection against Systemic Infection withListeria monocytogenes. Journal of Immunology, 2009, 183, 8026-8034.	0.8	96
116	CD4+ T cellâ€“independent vaccination against Pneumocystis carinii in mice. Journal of Clinical Investigation, 2001, 108, 1469-1474.	8.2	96
117	SARS-CoV-2 Infects Endothelial Cells In Vivo and In Vitro. Frontiers in Cellular and Infection Microbiology, 2021, 11, 701278.	3.9	95
118	Host defenses against bacterial lower respiratory tract infection. Current Opinion in Immunology, 2012, 24, 424-430.	5.5	90
119	Diagnosing Pneumocystis jirovecii pneumonia: A review of current methods and novel approaches. Medical Mycology, 2020, 58, 1015-1028.	0.7	90
120	Induction of cartilage damage by overexpression of T cell interleukin-17A in experimental arthritis in mice deficient in interleukin-1. Arthritis and Rheumatism, 2005, 52, 975-983.	6.7	89
121	Pharmacotherapy and adjunctive treatment for idiopathic pulmonary fibrosis (IPF). Journal of Thoracic Disease, 2019, 11, S1740-S1754.	1.4	89
122	Helminth-induced arginase-1 exacerbates lung inflammation and disease severity in tuberculosis. Journal of Clinical Investigation, 2015, 125, 4699-4713.	8.2	87
123	Requirement of IL-17RA in Con A Induced Hepatitis and Negative Regulation of IL-17 Production in Mouse T Cells. Journal of Immunology, 2008, 181, 7473-7479.	0.8	86
124	Human TH17 cells express a functional IL-13 receptor and IL-13 attenuates IL-17A production. Journal of Allergy and Clinical Immunology, 2011, 127, 1006-1013.e4.	2.9	86
125	Toll/IL-1R Domain-Containing Adaptor Protein (TIRAP) Is a Critical Mediator of Antibacterial Defense in the Lung against Klebsiella pneumoniae but Not Pseudomonas aeruginosa. Journal of Immunology, 2006, 177, 538-547.	0.8	85
126	Role of IL-17A on Resolution of Pulmonary C. neoformans Infection. PLoS ONE, 2011, 6, e17204.	2.5	85

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127	Homeostatic IL-23 receptor signaling limits Th17 response through IL-22â€“mediated containment of commensal microbiota. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13942-13947.	7.1	85
128	AIM2 Inflammasome Is Critical for Influenza-Induced Lung Injury and Mortality. Journal of Immunology, 2017, 198, 4383-4393.	0.8	85
129	Th17 cell based vaccines in mucosal immunity. Current Opinion in Immunology, 2013, 25, 373-380.	5.5	84
130	Future Research Directions in Asthma. An NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1366-1372.	5.6	84
131	Mechanisms controlling Th17 cytokine expression and host defense. Journal of Leukocyte Biology, 2011, 90, 263-270.	3.3	83
132	IL-13 Regulates Th17 Secretion of IL-17A in an IL-10â€“Dependent Manner. Journal of Immunology, 2012, 188, 1027-1035.	0.8	83
133	The Acute Neutrophil Response Mediated by S100 Alarmins during Vaginal Candida Infections Is Independent of the Th17-Pathway. PLoS ONE, 2012, 7, e46311.	2.5	83
134	PATHOPHYSIOLOGY OF PNEUMONIA. Clinics in Chest Medicine, 1995, 16, 1-12.	2.1	82
135	Requirement of IL-17 Receptor Signaling in Radiation-Resistant Cells in the Joint for Full Progression of Destructive Synovitis. Journal of Immunology, 2005, 175, 3360-3368.	0.8	81
136	Interleukin-22 Ameliorates Cerulein-Induced Pancreatitis in Mice by Inhibiting the Autophagic Pathway. International Journal of Biological Sciences, 2012, 8, 249-257.	6.4	81
137	Activation of Tumor Necrosis Factor-Î±-converting Enzyme-mediated Ectodomain Shedding by Nitric Oxide. Journal of Biological Chemistry, 2000, 275, 15839-15844.	3.4	80
138	Oxidative stress in sepsis: a redox redux. Journal of Clinical Investigation, 2006, 116, 860-863.	8.2	80
139	Update on regulation and effector functions of Th17 cells. F1000Research, 2018, 7, 205.	1.6	78
140	T Cytotoxic-1 CD8+ T Cells Are Effector Cells against Pneumocystis in Mice. Journal of Immunology, 2004, 172, 1132-1138.	0.8	77
141	Alveolar Macrophage Release of Tumor Necrosis Factor during MurinePneumocystis cariniiPneumonia. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 370-376.	2.9	76
142	Airway Obstruction Is Increased in Pneumocystis -Colonized Human Immunodeficiency Virus-Infected Outpatients. Journal of Clinical Microbiology, 2009, 47, 3773-3776.	3.9	76
143	Interleukin-17. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 9-11.	2.9	75
144	Respiratory Syncytial Virus Lung Infection in Infants: Immunoregulatory Role of Infected Alveolar Macrophages. Journal of Infectious Diseases, 1993, 168, 1515-1519.	4.0	73

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145	Pseudomonas aeruginosa sabotages the generation of host proresolving lipid mediators. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 136-141.	7.1	73
146	The Integrin Binding Peptide, ATN-161, as a Novel Therapy for SARS-CoV-2 Infection. JACC Basic To Translational Science, 2021, 6, 1-8.	4.1	73
147	Focus on: Alcohol and the immune system. Alcohol Research, 2010, 33, 97-108.	1.0	71
148	Ethanol relaxes pulmonary artery by release of prostaglandin and nitric oxide. Alcohol, 1993, 10, 21-29.	1.7	70
149	IL-17A promotes protective IgA responses and expression of other potential effectors against the lumen-dwelling enteric parasite Giardia. Experimental Parasitology, 2015, 156, 68-78.	1.2	70
150	Endothelial cell infection and dysfunction, immune activation in severe COVID-19. Theranostics, 2021, 11, 8076-8091.	10.0	70
151	Functional Relevance of the IL-23â€“IL-17 Axis in LungsIn Vivo. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 442-451.	2.9	68
152	INTERLEUKIN-17 IN PULMONARY HOST DEFENSE. Experimental Lung Research, 2007, 33, 507-518.	1.2	68
153	Future Directions in Early Cystic Fibrosis Lung Disease Research. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 887-892.	5.6	68
154	Viral Vectorâ€“mediated and Cell-based Therapies for Treatment of Cystic Fibrosis. Molecular Therapy, 2007, 15, 229-241.	8.2	67
155	Murine CD4+T Lymphocyte Subsets and Host Defense againstPneumocystis carinii. Journal of Infectious Diseases, 2000, 181, 2011-2017.	4.0	66
156	Patients with cystic fibrosis have inducible IL-17+IL-22+ memory cells in lung draining lymph nodes. Journal of Allergy and Clinical Immunology, 2013, 131, 1117-1129.e5.	2.9	66
157	Candida albicanscolonization and dissemination from the murine gastrointestinal tract: the influence of morphology and Th17 immunity. Cellular Microbiology, 2015, 17, 445-450.	2.1	66
158	Oral epithelial IL-22/STAT3 signaling licenses IL-17â€“mediated immunity to oral mucosal candidiasis. Science Immunology, 2020, 5, .	11.9	66
159	Rapid Induction of Messenger RNA for Nitric Oxide Synthase II in Rat Neutrophils In Vivo by Endotoxin and its Suppression by Prednisolone. Experimental Biology and Medicine, 1994, 205, 220-225.	2.4	65
160	CD4+ T cell-independent DNA vaccination against opportunistic infections. Journal of Clinical Investigation, 2005, 115, 3536-3544.	8.2	65
161	Replication of an adenoviral vector controlled by the human telomerase reverse transcriptase promoter causes tumor-selective tumor lysis. Cancer Research, 2003, 63, 7936-41.	0.9	65
162	The Effect of Chronic Binge Ethanol Consumption on the Primary Stage of SIV Infection in Rhesus Macaques. Alcoholism: Clinical and Experimental Research, 2003, 27, 495-502.	2.4	64

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163	Antimicrobial Activity of PLUNC Protects againstPseudomonas aeruginosaInfection. Journal of Immunology, 2011, 187, 382-390.	0.8	64
164	The role of IL-27 in susceptibility to post-influenza Staphylococcus aureus pneumonia. Respiratory Research, 2015, 16, 10.	3.6	64
165	Nondepleting Anti-CD4 Antibody Treatment Prolongs Lung-Directed E1-Deleted Adenovirus-Mediated Gene Expression in Rats. Human Gene Therapy, 1996, 7, 2273-2279.	2.7	62
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