Jay K Kolls

List of Publications by Year
in descending order

464 papers	45,982 citations	1791 103 h-index	2358 198 g-index
614 all docs	614 docs citations	614 times ranked	59162 citing authors

#	Article	IF	Citations
1	Interleukin-17 Family Members and Inflammation. Immunity, 2004, 21, 467-476.	14.2	2,144
2	The Biological Functions of T Helper 17 Cell Effector Cytokines in Inflammation. Immunity, 2008, 28, 454-467.	14.2	1,746
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.	8.8	1,340
4	Targeting IL-17 and TH17 cells in chronic inflammation. Nature Reviews Drug Discovery, 2012, 11, 763-776.	61.5	1,153
5	IL-22 mediates mucosal host defense against Gram-negative bacterial pneumonia. Nature Medicine, 2008, 14, 275-281.	30.1	1,056
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	3.3	816
7	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. Nature Communications, 2015, 6, 8472.	13.2	742
8	A protective function for interleukin 17A in T cellâ€“mediated intestinal inflammation. Nature Immunology, 2009, 10, 603-609.	13.9	703
9	TH17 Cells Mediate Steroid-Resistant Airway Inflammation and Airway Hyperresponsiveness in Mice. Journal of Immunology, 2008, 181, 4089-4097.	0.8	685
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.	13.9	649
11	Control of TH17 cells occurs in the small intestine. Nature, 2011, 475, 514-518.	36.2	575
12	IL-17 is essential for host defense against cutaneous Staphylococcus aureus infection in mice. Journal of Clinical Investigation, 2010, 120, 1762-1773.	8.2	567
13	Divergent roles of IL-23 and IL-12 in host defense against Klebsiella pneumoniae . Journal of Experimental Medicine, 2005, 202, 761-769.	8.8	551
14	Simian immunodeficiency virusâ€“induced mucosal interleukin-17 deficiency promotes Salmonella dissemination from the gut. Nature Medicine, 2008, 14, 421-428.	30.1	514
15	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	465
16	Interferon-Î³ Drives Treg Fragility to Promote Anti-tumor Immunity. Cell, 2017, 169, 1130-1141.e11.	27.8	462
17	The microbiota regulates neutrophil homeostasis and host resistance to Escherichia coli K1 sepsis in neonatal mice. Nature Medicine, 2014, 20, 524-530.	30.1	461
18	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	460

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19	The Beta-Glucan Receptor Dectin-1 Recognizes Specific Morphologies of Aspergillus fumigatus. PLoS Pathogens, 2005, 1, e42.	4.1	456
20	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.	7.6	448
21	Interleukin-17A Mediates Acquired Immunity to Pneumococcal Colonization. PLoS Pathogens, 2008, 4, e1000159.	4.1	429
22	Interleukin-17 and Lung Host Defense againstKlebsiella pneumoniaeInfection. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 335-340.	3.3	425
23	Critical role of IL-17 receptor signaling in acute TNBS-induced colitis. Inflammatory Bowel Diseases, 2006, 12, 382-388.	1.9	417
24	The Th17 Pathway and Inflammatory Diseases of the Intestines, Lungs, and Skin. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 477-512.	23.4	401
25	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.	8.1	384
26	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	376
27	Blockade of Interleukin-17A Results in Reduced Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2010, 121, 1746-1755.	9.3	375
28	The development of inducible bronchus-associated lymphoid tissue depends on IL-17. Nature Immunology, 2011, 12, 639-646.	13.9	373
29	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	372
30	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	364
31	Neutrophilic Inflammation in Asthma and Association with Disease Severity. Trends in Immunology, 2017, 38, 942-954.	6.8	360
32	Allergic Sensitization through the Airway Primes Th17-dependent Neutrophilia and Airway Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 720-730.	6.6	358
33	Oncogenic Kras Activates a Hematopoietic-to-Epithelial IL-17 Signaling Axis in Preinvasive Pancreatic Neoplasia. Cancer Cell, 2014, 25, 621-637.	16.8	343
34	Critical Role of IL-17RA in Immunopathology of Influenza Infection. Journal of Immunology, 2009, 183, 5301-5310.	0.8	324
35	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.	2.4	321
36	T_H17 Cells in Asthma and COPD. Annual Review of Physiology, 2010, 72, 495-516.	13.2	320

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37	Cytokine-mediated regulation of antimicrobial proteins. Nature Reviews Immunology, 2008, 8, 829-835.	22.5	318
38	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	316
39	Influenza A Inhibits Th17-Mediated Host Defense against Bacterial Pneumonia in Mice. Journal of Immunology, 2011, 186, 1666-1674.	0.8	316
40	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	315
41	High IFN-Î³ and low SLPI mark severe asthma in mice and humans. Journal of Clinical Investigation, 2015, 125, 3037-3050.	8.2	313
42	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.	7.6	271
43	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.	8.8	268
44	Intestinal Interleukin-17 Receptor Signaling Mediates Reciprocal Control of the Gut Microbiota and Autoimmune Inflammation. Immunity, 2016, 44, 659-671.	14.2	267
45	Th17 cells and mucosal host defense. Seminars in Immunology, 2007, 19, 377-382.	5.9	260
46	Interleukin-17 Is Required for T Helper 1 Cell Immunity and Host Resistance to the Intracellular Pathogen Francisella tularensis. Immunity, 2009, 31, 799-810.	14.2	260
47	Alcohol, host defence and society. Nature Reviews Immunology, 2002, 2, 205-209.	22.5	246
48	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	244
49	Unexpected Role for IL-17 in Protective Immunity against Hypervirulent Mycobacterium tuberculosis HN878 Infection. PLoS Pathogens, 2014, 10, e1004099.	4.1	233
50	S100A8/A9 Proteins Mediate Neutrophilic Inflammation and Lung Pathology during Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1137-1146.	6.6	222
51	Stem Cells and Cell Therapies in Lung Biology and Lung Diseases. Proceedings of the American Thoracic Society, 2008, 5, 637-667.	5.6	213
52	SARS-CoV-2 infection of primary human lung epithelium for COVID-19 modeling and drug discovery. Cell Reports, 2021, 35, 109055.	6.3	203
53	T Cellâ€“Mediated Host Immune Defenses in the Lung. Annual Review of Immunology, 2013, 31, 605-633.	21.7	200
54	Th17 cytokines and mucosal immunity. Immunological Reviews, 2008, 226, 160-171.	6.1	199

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55	Lipocalin 2 Is Required for Pulmonary Host Defense against Klebsiella Infection. Journal of Immunology, 2009, 182, 4947-4956.	0.8	198
56	IL-22 Is Essential for Lung Epithelial Repair following Influenza Infection. American Journal of Pathology, 2013, 182, 1286-1296.	4.1	185
57	IL-23 mediates inflammatory responses to mucoidPseudomonas aeruginosalung infection in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L519-L528.	3.0	183
58	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.	6.8	179
59	Increased granulopoiesis through interleukin-17 and granulocyte colony-stimulating factor in leukocyte adhesion moleculeâ€“deficient mice. Blood, 2001, 98, 3309-3314.	1.4	177
60	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	176
61	IL-17 Contributes to Angiogenesis in Rheumatoid Arthritis. Journal of Immunology, 2010, 184, 3233-3241.	0.8	171
62	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	170
63	Directing traffic: <scp>IL</scp>â€17 and <scp>IL</scp>â€22 coordinate pulmonary immune defense. Immunological Reviews, 2014, 260, 129-144.	6.1	169
64	Contributions of the intestinal microbiome in lung immunity. European Journal of Immunology, 2018, 48, 39-49.	3.3	166
65	Regulation of Dendritic Cell Function by Vitamin D. Nutrients, 2015, 7, 8127-8151.	4.2	165
66	Th17 Cells Mediate Clade-Specific, Serotype-Independent Mucosal Immunity. Immunity, 2011, 35, 997-1009.	14.2	164
67	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. Nature, 2019, 570, 528-532.	36.2	159
68	The role of Th17 cytokines in primary mucosal immunity. Cytokine and Growth Factor Reviews, 2010, 21, 443-448.	7.7	156
69	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	156
70	Cytokines induce small intestine and liver injury after renal ischemia or nephrectomy. Laboratory Investigation, 2011, 91, 63-84.	3.9	155
71	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	153
72	Interleukin-22 Signaling in the Regulation of Intestinal Health and Disease. Frontiers in Cell and Developmental Biology, 2015, 3, 85.	3.8	151

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73	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.	8.1	147
74	IL-17RA Is Required for CCL2 Expression, Macrophage Recruitment, and Emphysema in Response to Cigarette Smoke. PLoS ONE, 2011, 6, e20333.	2.5	145
75	Lentiviral Vectors for Sustained Transgene Expression in Human Bone Marrowâ€"Derived Stromal Cells. Molecular Therapy, 2002, 5, 555-565.	8.1	144
76	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
77	Role of Lactobacilli and Lactoferrin in the Mucosal Cervicovaginal Defense. Frontiers in Immunology, 2018, 9, 376.	4.9	139
78	Interluekin-17A (IL17A). Gene, 2017, 614, 8-14.	2.3	133
79	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	130
80	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.	6.6	130
81	Pharmacologic Advances in the Treatment and Prevention of Respiratory Syncytial Virus. Clinical Infectious Diseases, 2010, 50, 1258-1267.	5.7	129
82	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
83	MCPIP1 Endoribonuclease Activity Negatively Regulates Interleukin-17-Mediated Signaling and Inflammation. Immunity, 2015, 43, 475-487.	14.2	128
84	Protein-tyrosine Phosphatase-1B Negatively Regulates Insulin Signaling in L6 Myocytes and Fao Hepatoma Cells. Journal of Biological Chemistry, 2001, 276, 10207-10211.	3.5	127
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.	2.4	123
86	Influenza A Virus Exacerbates Staphylococcus aureus Pneumonia in Mice by Attenuating Antimicrobial Peptide Production. Journal of Infectious Diseases, 2014, 209, 865-875.	3.9	122
87	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	122
88	Influenza A Exacerbates Staphylococcus aureus Pneumonia by Attenuating IL-1Î² Production in Mice. Journal of Immunology, 2013, 191, 5153-5159.	0.8	121
89	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	121
90	Interleukin-17 Acts Independently of TNF-Î± under Arthritic Conditions. Journal of Immunology, 2006, 176, 6262-6269.	0.8	119

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91	LAG3 limits regulatory T cell proliferation and function in autoimmune diabetes. Science Immunology, 2017, 2, .	13.1	119
92	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	118
93	Immune Cell Production of Interleukin 17 Induces Stem Cell Features of Pancreatic Intraepithelial Neoplasia Cells. Gastroenterology, 2018, 155, 210-223.e3.	1.4	118
94	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. Journal of Immunology, 2016, 197, 97-107.	0.8	117
95	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	115
96	The immunology of influenza virus-associated bacterial pneumonia. Current Opinion in Immunology, 2015, 34, 59-67.	5.2	115
97	Liver-Directed Gene Transfer in Non-Human Primates. Human Gene Therapy, 1997, 8, 1195-1206.	3.0	112
98	Conserved natural IgM antibodies mediate innate and adaptive immunity against the opportunistic fungus Pneumocystis murina. Journal of Experimental Medicine, 2010, 207, 2907-2919.	8.8	112
99	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.	7.6	112
100	Exome-capture RNA sequencing of decade-old breast cancers and matched decalcified bone metastases. JCI Insight, 2017, 2, .	5.0	112
101	CXCL1 Regulates Pulmonary Host Defense to Klebsiella Infection via CXCL2, CXCL5, NF-ÎºB, and MAPKs. Journal of Immunology, 2010, 185, 6214-6225.	0.8	111
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	109
103	Targeting dendritic cells to accelerate T-cell activation overcomes a bottleneck in tuberculosis vaccine efficacy. Nature Communications, 2016, 7, 13894.	13.2	107
104	SARS-CoV-2 Infects Endothelial Cells In Vivo and In Vitro. Frontiers in Cellular and Infection Microbiology, 2021, 11, 701278.	4.0	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.	2.4	105
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	104
108	Induction and stability of human Th17 cells require endogenous NOS2 and cGMP-dependent NO signaling. Journal of Experimental Medicine, 2013, 210, 1433-1445.	8.8	104

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109	Diagnosing Pneumocystis jirovecii pneumonia: A review of current methods and novel approaches. Medical Mycology, 2020, 58, 1015-1028.	0.8	104
110	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.	8.8	101
111	CD4+ T cellâ€“independent vaccination against Pneumocystis carinii in mice. Journal of Clinical Investigation, 2001, 108, 1469-1474.	8.2	100
112	Stress and Bronchodilator Response in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 47-56.	6.6	99
113	Use of Transient CD4 Lymphocyte Depletion to Prolong Transgene Expression of E1-Deleted Adenoviral Vectors. Human Gene Therapy, 1996, 7, 489-497.	3.0	98
114	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.	3.3	97
115	ADCYAP1R1 and Asthma in Puerto Rican Children. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 584-588.	6.6	97
116	Pharmacotherapy and adjunctive treatment for idiopathic pulmonary fibrosis (IPF). Journal of Thoracic Disease, 2019, 11, S1740-S1754.	1.4	97
117	IL-23 Is Required for Protection against Systemic Infection withListeria monocytogenes. Journal of Immunology, 2009, 183, 8026-8034.	0.8	96
118	Helminth-induced arginase-1 exacerbates lung inflammation and disease severity in tuberculosis. Journal of Clinical Investigation, 2015, 125, 4699-4713.	8.2	93
119	Host defenses against bacterial lower respiratory tract infection. Current Opinion in Immunology, 2012, 24, 424-430.	5.2	91
120	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.	7.6	90
121	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.	6.8	89
122	Th17 cell based vaccines in mucosal immunity. Current Opinion in Immunology, 2013, 25, 373-380.	5.2	89
123	Interleukin-22 Ameliorates Cerulein-Induced Pancreatitis in Mice by Inhibiting the Autophagic Pathway. International Journal of Biological Sciences, 2012, 8, 249-257.	6.3	88
124	AIM2 Inflammasome Is Critical for Influenza-Induced Lung Injury and Mortality. Journal of Immunology, 2017, 198, 4383-4393.	0.8	88
125	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	87
126	Mechanisms controlling Th17 cytokine expression and host defense. Journal of Leukocyte Biology, 2011, 90, 263-270.	3.3	87

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127	Future Research Directions in Asthma. An NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1366-1372.	6.6	87
128	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	86
129	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
130	Role of IL-17A on Resolution of Pulmonary C. neoformans Infection. PLoS ONE, 2011, 6, e17204.	2.5	86
131	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	85
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	PATHOPHYSIOLOGY OF PNEUMONIA. Clinics in Chest Medicine, 1995, 16, 1-12.	2.2	82
134	Oxidative stress in sepsis: a redox redux. Journal of Clinical Investigation, 2006, 116, 860-863.	8.2	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	Activation of Tumor Necrosis Factor-Î±-converting Enzyme-mediated Ectodomain Shedding by Nitric Oxide. Journal of Biological Chemistry, 2000, 275, 15839-15844.	3.5	80
137	Update on regulation and effector functions of Th17 cells. F1000Research, 2018, 7, 205.	1.6	80
138	T Cytotoxic-1 CD8+ T Cells Are Effector Cells against Pneumocystis in Mice. Journal of Immunology, 2004, 172, 1132-1138.	0.8	79
139	Endothelial cell infection and dysfunction, immune activation in severe COVID-19. Theranostics, 2021, 11, 8076-8091.	9.9	79
140	Airway Obstruction Is Increased in Pneumocystis -Colonized Human Immunodeficiency Virus-Infected Outpatients. Journal of Clinical Microbiology, 2009, 47, 3773-3776.	4.4	78
141	The Integrin Binding Peptide, ATN-161, as a Novel Therapy for SARS-CoV-2 Infection. JACC Basic To Translational Science, 2021, 6, 1-8.	4.8	77
142	Alveolar Macrophage Release of Tumor Necrosis Factor during Murine Pneumocystis carinii Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 370-376.	3.3	76
143	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.	7.6	76
144	Respiratory Syncytial Virus Lung Infection in Infants: Immunoregulatory Role of Infected Alveolar Macrophages. Journal of Infectious Diseases, 1993, 168, 1515-1519.	3.9	73

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145	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	72
146	Oral epithelial IL-22/STAT3 signaling licenses IL-17â€“mediated immunity to oral mucosal candidiasis. Science Immunology, 2020, 5, .	13.1	72
147	Ethanol relaxes pulmonary artery by release of prostaglandin and nitric oxide. Alcohol, 1993, 10, 21-29.	2.0	71
148	Functional Relevance of the IL-23â€“IL-17 Axis in LungsIn Vivo. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 442-451.	3.3	69
149	INTERLEUKIN-17 IN PULMONARY HOST DEFENSE. Experimental Lung Research, 2007, 33, 507-518.	1.2	69
150	Murine CD4+T Lymphocyte Subsets and Host Defense againstPneumocystis carinii. Journal of Infectious Diseases, 2000, 181, 2011-2017.	3.9	68
151	Viral Vectorâ€“mediated and Cell-based Therapies for Treatment of Cystic Fibrosis. Molecular Therapy, 2007, 15, 229-241.	8.1	68
152	Antimicrobial Activity of PLUNC Protects againstPseudomonas aeruginosaInfection. Journal of Immunology, 2011, 187, 382-390.	0.8	68
153	Future Directions in Early Cystic Fibrosis Lung Disease Research. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 887-892.	6.6	68
154	Candida albicanscolonization and dissemination from the murine gastrointestinal tract: the influence of morphology and Th17 immunity. Cellular Microbiology, 2015, 17, 445-450.	2.3	68
155	Acute and Chronic Alcohol Abuse Modulate Immunity. Alcoholism: Clinical and Experimental Research, 2006, 30, 1624-1631.	2.5	67
156	The role of IL-27 in susceptibility to post-influenza Staphylococcus aureus pneumonia. Respiratory Research, 2015, 16, 10.	3.7	67
157	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
158	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
159	CD4+ T cell-independent DNA vaccination against opportunistic infections. Journal of Clinical Investigation, 2005, 115, 3536-3544.	8.2	65
160	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.	2.5	64
161	Depletion of neutrophils in a protective model of pulmonary cryptococcosis results in increased IL-17A production by gamma/delta T cells. BMC Immunology, 2012, 13, 65.	2.2	63
162	Nondepleting Anti-CD4 Antibody Treatment Prolongs Lung-Directed E1-Deleted Adenovirus-Mediated Gene Expression in Rats. Human Gene Therapy, 1996, 7, 2273-2279.	3.0	62

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163	Future Research Directions in Pneumonia. NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 256-263.	6.6	62
164	The Granulocyte Colonyâ€Stimulating Factor Response after Intrapulmonary and Systemic Bacterial Challenges. Journal of Infectious Diseases, 2002, 185, 1476-1482.	3.9	61
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