List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Th17-mediated inflammation in asthma. Current Opinion in Immunology, 2013, 25, 755-760.	5.5	258
2	PD-1 up-regulation on CD4 ⁺ T cells promotes pulmonary fibrosis through STAT3-mediated IL-17A and TGF-β1 production. Science Translational Medicine, 2018, 10, .	12.4	225
3	Early infection with respiratory syncytial virus impairs regulatory T cell function and increases susceptibility to allergic asthma. Nature Medicine, 2012, 18, 1525-1530.	30.7	206
4	Testosterone Attenuates Group 2 Innate Lymphoid Cell-Mediated Airway Inflammation. Cell Reports, 2017, 21, 2487-2499.	6.4	204
5	The Role of IFN in Respiratory Syncytial Virus Pathogenesis. Journal of Immunology, 2002, 168, 2944-2952.	0.8	170
6	Prostaglandin I2Analogs Inhibit Proinflammatory Cytokine Production and T Cell Stimulatory Function of Dendritic Cells. Journal of Immunology, 2007, 178, 702-710.	0.8	157
7	Respiratory syncytial virus infection activates IL-13–producing group 2 innate lymphoid cells through thymic stromal lymphopoietin. Journal of Allergy and Clinical Immunology, 2016, 138, 814-824.e11.	2.9	157
8	Differential Pathogenesis of Respiratory Syncytial Virus Clinical Isolates in BALB/c Mice. Journal of Virology, 2011, 85, 5782-5793.	3.4	156
9	IL-33 promotes the egress of group 2 innate lymphoid cells from the bone marrow. Journal of Experimental Medicine, 2018, 215, 263-281.	8.5	153
10	A Chimeric A2 Strain of Respiratory Syncytial Virus (RSV) with the Fusion Protein of RSV Strain Line 19 Exhibits Enhanced Viral Load, Mucus, and Airway Dysfunction. Journal of Virology, 2009, 83, 4185-4194.	3.4	144
11	Differential Immune Responses and Pulmonary Pathophysiology Are Induced by Two Different Strains of Respiratory Syncytial Virus. American Journal of Pathology, 2006, 169, 977-986.	3.8	137
12	PGI ₂ as a Regulator of Inflammatory Diseases. Mediators of Inflammation, 2012, 2012, 1-9.	3.0	126
13	Prostaglandin I ₂ Signaling and Inhibition of Group 2 Innate Lymphoid Cell Responses. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 31-42.	5.6	119
14	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
15	Selective Cyclooxygenase-1 and -2 Inhibitors Each Increase Allergic Inflammation and Airway Hyperresponsiveness in Mice. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 1154-1160.	5.6	113
16	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
17	Respiratory syncytial virus infection prolongs methacholine-induced airway hyperresponsiveness in ovalbumin-sensitized mice. Journal of Medical Virology, 1999, 57, 186-192.	5.0	108
18	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

R STOKES PEEBLES

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19	Interleukin-5 Facilitates Lung Metastasis by Modulating the Immune Microenvironment. Cancer Research, 2015, 75, 1624-1634.	0.9	99
20	Testosterone Decreases House Dust Mite–Induced Type 2 and IL-17A–Mediated Airway Inflammation. Journal of Immunology, 2018, 201, 1843-1854.	0.8	92
21	Pathogenesis of Respiratory Syncytial Virus Infection in the Murine Model. Proceedings of the American Thoracic Society, 2005, 2, 110-115.	3.5	89
22	A signalling cascade of IL-33 to IL-13 regulates metaplasia in the mouse stomach. Gut, 2018, 67, 805-817.	12.1	88
23	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
24	Differences in the Nasopharyngeal Microbiome During Acute Respiratory Tract Infection With Human Rhinovirus and Respiratory Syncytial Virus in Infancy. Journal of Infectious Diseases, 2016, 214, 1924-1928.	4.0	84
25	IL-13 Regulates Th17 Secretion of IL-17A in an IL-10–Dependent Manner. Journal of Immunology, 2012, 188, 1027-1035.	0.8	83
26	Proinflammatory Pathways in the Pathogenesis of Asthma. Clinics in Chest Medicine, 2019, 40, 29-50.	2.1	83
27	PPAR- \hat{I}^3 in Macrophages Limits Pulmonary Inflammation and Promotes Host Recovery following Respiratory Viral Infection. Journal of Virology, 2019, 93, .	3.4	81
28	Prostaglandin I2analogs inhibit Th1 and Th2 effector cytokine production by CD4 T cells. Journal of Leukocyte Biology, 2007, 81, 809-817.	3.3	79
29	Respiratory syncytial virus infection does not increase allergen-induced type 2 cytokine production, yet increases airway hyperresponsiveness in mice. Journal of Medical Virology, 2001, 63, 178-188.	5.0	78
30	Synthetic Prostacyclin Analogs Differentially Regulate Macrophage Function via Distinct Analog-Receptor Binding Specificities. Journal of Immunology, 2007, 178, 1628-1634.	0.8	78
31	Respiratory Syncytial Virus whole-genome sequencing identifies convergent evolution of sequence duplication in the C-terminus of the G gene. Scientific Reports, 2016, 6, 26311.	3.3	77
32	Nasopharyngeal Lactobacillus is associated with a reduced risk of childhood wheezing illnesses following acute respiratory syncytial virus infection in infancy. Journal of Allergy and Clinical Immunology, 2018, 142, 1447-1456.e9.	2.9	74
33	Interferon response and respiratory virus control are preserved in bronchial epithelial cells in asthma. Journal of Allergy and Clinical Immunology, 2014, 134, 1402-1412.e7.	2.9	71
34	Viral infections, atopy, and asthmals there a causal relationship?. Journal of Allergy and Clinical Immunology, 2004, 113, S15-S18.	2.9	69
35	The Morphology and Assembly of Respiratory Syncytial Virus Revealed by Cryo-Electron Tomography. Viruses, 2018, 10, 446.	3.3	69

Prostaglandins in asthma and allergic diseases. , 2019, 193, 1-19.

R STOKES PEEBLES

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37	Glucagon-like peptide 1 signaling inhibits allergen-induced lung IL-33 release and reduces group 2 innate lymphoid cell cytokine production inÂvivo. Journal of Allergy and Clinical Immunology, 2018, 142, 1515-1528.e8.	2.9	63
38	Mechanisms of Respiratory Syncytial Virus Modulation of Airway Immune Responses. Current Allergy and Asthma Reports, 2012, 12, 380-387.	5.3	61
39	Anaphylaxis after zoster vaccine: Implicating alpha-gal allergy as a possible mechanism. Journal of Allergy and Clinical Immunology, 2017, 139, 1710-1713.e2.	2.9	61
40	EGFR Interacts with the Fusion Protein of Respiratory Syncytial Virus Strain 2-20 and Mediates Infection and Mucin Expression. PLoS Pathogens, 2016, 12, e1005622.	4.7	59
41	The histone deacetylase inhibitor trichostatin A suppresses murine innate allergic inflammation by blocking group 2 innate lymphoid cell (ILC2) activation. Thorax, 2016, 71, 633-645.	5.6	58
42	Infant Viral Respiratory Infection Nasal Immune-Response Patterns and Their Association with Subsequent Childhood Recurrent Wheeze. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1064-1073.	5.6	56
43	Minimally Invasive Sampling Method Identifies Differences in Taxonomic Richness of Nasal Microbiomes in Young Infants Associated with Mode of Delivery. Microbial Ecology, 2016, 71, 233-242.	2.8	54
44	STAT1 Represses Cytokine-Producing Group 2 and Group 3 Innate Lymphoid Cells during Viral Infection. Journal of Immunology, 2017, 199, 510-519.	0.8	54
45	Attenuation of Chronic Pulmonary Inflammation in A _{2B} Adenosine Receptor Knockout Mice. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 564-571.	2.9	52
46	Dietary Manganese Promotes Staphylococcal Infection of the Heart. Cell Host and Microbe, 2017, 22, 531-542.e8.	11.0	51
47	Dietary supplementation of ω-3 fatty acid-containing fish oil suppresses F2-isoprostanes but enhances inflammatory cytokine response in a mouse model of ovalbumin-induced allergic lung inflammation. Free Radical Biology and Medicine, 2009, 47, 622-628.	2.9	48
48	Group 2 Innate Lymphoid Cells Coordinate Damage Response in the Stomach. Gastroenterology, 2020, 159, 2077-2091.e8.	1.3	47
49	Phosphatidylglycerol provides short-term prophylaxis against respiratory syncytial virus infection. Journal of Lipid Research, 2013, 54, 2133-2143.	4.2	45
50	Objectives, design and enrollment results from the Infant Susceptibility to Pulmonary Infections and Asthma Following RSV Exposure Study (INSPIRE). BMC Pulmonary Medicine, 2015, 15, 45.	2.0	45
51	Identification of Residues in the Human Respiratory Syncytial Virus Fusion Protein That Modulate Fusion Activity and Pathogenesis. Journal of Virology, 2015, 89, 512-522.	3.4	44
52	Signaling through the Prostaglandin I 2 Receptor IP Protects against Respiratory Syncytial Virus-Induced Illness. Journal of Virology, 2004, 78, 10303-10309.	3.4	43
53	Glucagon-like peptide 1 receptor signaling attenuates respiratory syncytial virus–induced type 2 responses and immunopathology. Journal of Allergy and Clinical Immunology, 2018, 142, 683-687.e12.	2.9	41
54	Cyclooxygenase Inhibition Augments Allergic Inflammation through CD4-Dependent, STAT6-Independent Mechanisms. Journal of Immunology, 2005, 174, 525-532.	0.8	37

R STOKES PEEBLES

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55	STAT1 Negatively Regulates Lung Basophil IL-4 Expression Induced by Respiratory Syncytial Virus Infection. Journal of Immunology, 2009, 183, 2016-2026.	0.8	35
56	Management of the Asthma-COPD Overlap Syndrome (ACOS): a Review of the Evidence. Current Allergy and Asthma Reports, 2017, 17, 15.	5.3	33
57	Glucagonâ€like peptideâ€1 receptor agonist inhibits aeroallergenâ€induced activation of ILC2 and neutrophilic airway inflammation in obese mice. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3433-3445.	5.7	32
58	IL-17A Induces Signal Transducers and Activators of Transcription–6–Independent Airway Mucous Cell Metaplasia. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 711-716.	2.9	31
59	Prostaglandin I2 Suppresses Proinflammatory Chemokine Expression, CD4 T Cell Activation, and STAT6-Independent Allergic Lung Inflammation. Journal of Immunology, 2016, 197, 1577-1586.	0.8	31
60	Innate Type 2 Responses to Respiratory Syncytial Virus Infection. Viruses, 2020, 12, 521.	3.3	31
61	Allergic Airway Inflammation Decreases Lung Bacterial Burden following Acute Klebsiella pneumoniae Infection in a Neutrophil- and CCL8-Dependent Manner. Infection and Immunity, 2014, 82, 3723-3739.	2.2	29
62	Innate lymphoid cells and allergic disease. Annals of Allergy, Asthma and Immunology, 2017, 119, 480-488.	1.0	28
63	Human IgE mAbs define variability in commercial Aspergillus extract allergen composition. JCI Insight, 2018, 3, .	5.0	28
64	Prostaglandin I2 Signaling Drives Th17 Differentiation and Exacerbates Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2012, 7, e33518.	2.5	27
65	The Complex Relationship between Respiratory Syncytial Virus and Allergy in Lung Disease. Viral Immunology, 2003, 16, 25-34.	1.3	26
66	Differential Regulation of GM1 and Asialo-GM1 Expression by T Cells and Natural Killer (NK) Cells in Respiratory Syncytial Virus Infection. Viral Immunology, 2008, 21, 327-339.	1.3	26
67	PGI2 as a regulator of CD4+ subset differentiation and function. Prostaglandins and Other Lipid Mediators, 2011, 96, 21-26.	1.9	25
68	The Innate Immune Protein S100A9 Protects from T-Helper Cell Type 2–mediated Allergic Airway Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 459-468.	2.9	25
69	Evolving concepts in how viruses impact asthma: A Work Group Report of the Microbes in Allergy Committee of the American Academy of Allergy, Asthma & Immunology. Journal of Allergy and Clinical Immunology, 2020, 145, 1332-1344.	2.9	25
70	IL-13 is associated with reduced illness and replication in primary respiratory syncytial virus infection in the mouse. Microbes and Infection, 2006, 8, 2880-2889.	1.9	24
71	Advances in mechanisms of allergic disease in 2016. Journal of Allergy and Clinical Immunology, 2017, 140, 1622-1631.	2.9	24
72	Exclusive breast-feeding, the early-life microbiome and immune response, and common childhood respiratory illnesses. Journal of Allergy and Clinical Immunology, 2022, 150, 612-621.	2.9	23

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73	IL-33 Is a Cell-Intrinsic Regulator of Fitness during Early B Cell Development. Journal of Immunology, 2019, 203, 1457-1467.	0.8	22
74	Allergen-Induced Airway Hyperresponsiveness Mediated by Cyclooxygenase Inhibition Is Not Dependent on 5-Lipoxygenase or IL-5, but Is IL-13 Dependent. Journal of Immunology, 2005, 175, 8253-8259.	0.8	21
75	Mapping Human Monoclonal IgE Epitopes on the Major Dust Mite Allergen Der p 2. Journal of Immunology, 2020, 205, 1999-2007.	0.8	21
76	Cyclooxygenase inhibition abrogates aeroallergen-induced immune tolerance by suppressing prostaglandin I2 receptor signaling. Journal of Allergy and Clinical Immunology, 2014, 134, 698-705.e5.	2.9	19
77	The PGI2 Analog Cicaprost Inhibits IL-33–Induced Th2 Responses, IL-2 Production, and CD25 Expression in Mouse CD4+ T Cells. Journal of Immunology, 2018, 201, 1936-1945.	0.8	19
78	COX Inhibition Increases <i>Alternaria</i> -Induced Pulmonary Group 2 Innate Lymphoid Cell Responses and IL-33 Release in Mice. Journal of Immunology, 2020, 205, 1157-1166.	0.8	19
79	Neutralization of IL-33 modifies the type 2 and type 3 inflammatory signature of viral induced asthma exacerbation. Respiratory Research, 2021, 22, 206.	3.6	19
80	Eotaxin-3 and Interleukin-5 Pleural Fluid Levels Are Associated With Pleural Fluid Eosinophilia in Post-Coronary Artery Bypass Grafting Pleural Effusions. Chest, 2005, 127, 2094-2100.	0.8	18
81	PGI2 signaling inhibits antigen uptake and increases migration of immature dendritic cells. Journal of Leukocyte Biology, 2013, 94, 77-88.	3.3	18
82	Targeting In Vivo Metabolic Vulnerabilities of Th2 and Th17 Cells Reduces Airway Inflammation. Journal of Immunology, 2021, 206, 1127-1139.	0.8	16
83	Effect of Infant RSV Infection on Memory T Cell Responses at Age 2-3 Years. Frontiers in Immunology, 2022, 13, 826666.	4.8	16
84	PGI synthase overexpression protects against bleomycin-induced mortality and is associated with increased Nqo 1 expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L615-L622.	2.9	15
85	At the Bedside: The emergence of group 2 innate lymphoid cells in human disease. Journal of Leukocyte Biology, 2015, 97, 469-475.	3.3	15
86	STAT6 Signaling Attenuates Interleukin-17-Producing Î ³ δT Cells during Acute Klebsiella pneumoniae Infection. Infection and Immunity, 2016, 84, 1548-1555.	2.2	15
87	Wheezing Exacerbations in Early Childhood: Evaluation, Treatment, and Recent Advances Relevant to the Genesis of Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 537-543.	3.8	14
88	Nasopharyngeal Haemophilus and local immune response during infant respiratory syncytial virus infection. Journal of Allergy and Clinical Immunology, 2021, 147, 1097-1101.e6.	2.9	12
89	Cyclooxygenase Inhibition during Allergic Sensitization Increases STAT6-Independent Primary and Memory Th2 Responses. Journal of Immunology, 2008, 181, 5360-5367.	0.8	11
90	Endogenous PGI2 signaling through IP inhibits neutrophilic lung inflammation in LPS-induced acute lung injury mice model. Prostaglandins and Other Lipid Mediators, 2018, 136, 33-43.	1.9	11

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91	Host and Viral Determinants of Respiratory Syncytial Virus-induced Airway Mucus. Annals of the American Thoracic Society, 2018, 15, S205-S209.	3.2	11
92	Upper respiratory tract bacterial-immune interactions during respiratory syncytial virus infection in infancy. Journal of Allergy and Clinical Immunology, 2022, 149, 966-976.	2.9	11
93	Human IgE monoclonal antibody recognition of mite allergen Der p 2 defines structural basis of an epitope for IgE cross-linking and anaphylaxis <i>in vivo</i> , 2022, 1, .		11
94	Prostaglandin I2 signaling licenses Treg suppressive function and prevents pathogenic reprogramming. Journal of Clinical Investigation, 2021, 131, .	8.2	10
95	A New Horizon in Asthma: Inhibiting ILC Function. Science Translational Medicine, 2013, 5, 174fs7.	12.4	9
96	STAT4 Deficiency Fails To Induce Lung Th2 or Th17 Immunity following Primary or Secondary Respiratory Syncytial Virus (RSV) Challenge but Enhances the Lung RSV-Specific CD8 ⁺ T Cell Immune Response to Secondary Challenge. Journal of Virology, 2014, 88, 9655-9672.	3.4	8
97	Is IL-1Î ² inhibition the next therapeutic target in asthma?. Journal of Allergy and Clinical Immunology, 2017, 139, 1788-1789.	2.9	8
98	Controversies in Allergy: Is Asthma Chronic Obstructive Pulmonary Disease Overlap a Distinct Syndrome That Changes Treatment and Patient Outcomes?. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1142-1147.	3.8	8
99	A Respiratory Syncytial Virus Attachment Gene Variant Associated with More Severe Disease in Infants Decreases Fusion Protein Expression, Which May Facilitate Immune Evasion. Journal of Virology, 2020, 95, .	3.4	8
100	Novel concepts in virally induced asthma. Clinical and Molecular Allergy, 2009, 7, 2.	1.8	6
101	Eosinophils Express LTA4 Hydrolase and Synthesize LTB4: Important for Asthma Pathogenesis?. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 375-376.	2.9	6
102	Mouse Models of Viral Infection. Methods in Molecular Biology, 2018, 1809, 395-414.	0.9	5
103	The GLP-1 receptor in airway inflammation in asthma: a promising novel target?. Expert Review of Clinical Immunology, 2021, 17, 1053-1057.	3.0	5
104	Evaluating the glucagon-like peptide-1 receptor in managing asthma. Current Opinion in Allergy and Clinical Immunology, 2022, 22, 36-41.	2.3	5
105	Bacteria and asthma: more there than we thought. Expert Review of Respiratory Medicine, 2011, 5, 329-332.	2.5	4
106	Association of ST2 polymorphisms with atopy, asthma, and leukemia. Journal of Allergy and Clinical Immunology, 2018, 142, 991-993.e3.	2.9	4
107	Evaluation of the upper airway microbiome and immune response with nasal epithelial lining fluid absorption and nasal washes. Scientific Reports, 2020, 10, 20618.	3.3	4
108	Exhaled nitric oxide is associated with severity of pediatric acute asthma exacerbations. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 618-620.e1.	3.8	3

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109	Fractional exhaled nitric oxide change in pediatric patients after emergency department care of asthma exacerbations. Annals of Allergy, Asthma and Immunology, 2015, 114, 149-151.e1.	1.0	3
110	Reply. Journal of Allergy and Clinical Immunology, 2018, 141, 1957-1958.	2.9	3
111	Lipid Mediators of Hypersensitivity and Inflammation. , 2014, , 139-161.		3
112	IL-13 Protects against SARS-CoV-2?. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 351-352.	2.9	2
113	Highlights from the annual scientific assembly: patient-centered approaches to asthma management: strategies for treatment and management of asthma. Southern Medical Journal, 2002, 95, 775-9.	0.7	2
114	Urine: A Lens for Asthma Pathogenesis and Treatment?. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1-3.	5.6	1
115	Lipid Mediators of Hypersensitivity and Inflammation. , 2009, , 203-221.		1
116	Airway Mucus Dysfunction in COVID-19. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1304-1306.	5.6	1
117	ILC2 the Rescue?. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 6-7.	5.6	0
118	Prostaglandin I ₂ and T Regulatory Cell Function: Broader Impacts. DNA and Cell Biology, 2021, 40, 1231-1234.	1.9	0
119	MUCing up the airway in asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 1476-1477.	2.9	0
120	Protocols for Studying Murine ILC Development. Methods in Molecular Biology, 2020, 2121, 7-22.	0.9	0