David H Broide

List of Publications by Year
in descending order

185	14,504	15504 65	20358 116
papers	citations	h-index	g-index

193	193	193	15168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutation of a new gene encoding a putative pyrin-like protein causes familial cold autoinflammatory syndrome and Muckleâ€“Wells syndrome. Nature Genetics, 2001, 29, 301-305.	21.4	1,488
2	Immunotherapy with a Ragweedâ€“Toll-Like Receptor 9 Agonist Vaccine for Allergic Rhinitis. New England Journal of Medicine, 2006, 355, 1445-1455.	27.0	521
3	Cutting Edge: Activation of Toll-Like Receptor 2 Induces a Th2 Immune Response and Promotes Experimental Asthma. Journal of Immunology, 2004, 172, 2739-2743.	0.8	426
4	Esophageal remodeling in pediatric eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2007, 119, 206-212.	2.9	407
5	Tobacco Smoke Promotes Lung Tumorigenesis by Triggering IKKÎ²- and JNK1-Dependent Inflammation. Cancer Cell, 2010, 17, 89-97.	16.8	378
6	Innate immunity. Journal of Allergy and Clinical Immunology, 2010, 125, S24-S32.	2.9	376
7	Lung type 2 innate lymphoid cells express cysteinyl leukotriene receptor 1, which regulates TH2 cytokine production. Journal of Allergy and Clinical Immunology, 2013, 132, 205-213.	2.9	349
8	Inhibition of airway remodeling in IL-5â€“deficient mice. Journal of Clinical Investigation, 2004, 113, 551-560.	8.2	336
9	Familial cold autoinflammatory syndrome: Phenotype and genotype of an autosomal dominant periodic fever. Journal of Allergy and Clinical Immunology, 2001, 108, 615-620.	2.9	306
10	Inhibition of experimental asthma by indoleamine 2,3-dioxygenase. Journal of Clinical Investigation, 2004, 114, 270-279.	8.2	297
11	Lung-resident tissue macrophages generate Foxp3+ regulatory T cells and promote airway tolerance. Journal of Experimental Medicine, 2013, 210, 775-788.	8.5	285
12	Mast cells infiltrate the esophageal smooth muscle inÂpatients with eosinophilic esophagitis, express TGF-Î²1, andÂincrease esophageal smooth muscle contraction. Journal of Allergy and Clinical Immunology, 2010, 126, 1198-1204.e4.	2.9	229
13	IL-5 links adaptive and natural immunity specific for epitopes of oxidized LDL and protects from atherosclerosis. Journal of Clinical Investigation, 2004, 114, 427-437.	8.2	208
14	Immunologic and inflammatory mechanisms that drive asthma progression to remodeling. Journal of Allergy and Clinical Immunology, 2008, 121, 560-570.	2.9	207
15	Molecular and cellular mechanisms of allergic diseaseâ˜†â˜†â˜†. Journal of Allergy and Clinical Immunology, 2001, 108, S65-S71.	2.9	199
16	An antiinflammatory role for IKKÎ² through the inhibition of â€œclassicalâ€•macrophage activation. Journal of Experimental Medicine, 2008, 205, 1269-1276.	8.5	180
17	ORMDL3 is an inducible lung epithelial gene regulating metalloproteases, chemokines, OAS, and ATF6. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16648-16653.	7.1	170
18	Cytokines and growth factors in airway remodeling in asthma. Current Opinion in Immunology, 2007, 19, 676-680.	5.5	169

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19	Defining the in vivo function of Siglec-F, a CD33-related Siglec expressed on mouse eosinophils. Blood, 2007, 109, 4280-4287.	1.4	168
20	Molecular Determinants of T Cell Epitope Recognition to the Common Timothy Grass Allergen. Journal of Immunology, 2010, 185, 943-955.	0.8	163
21	3-Hydroxyanthranilic acid inhibits PDK1 activation and suppresses experimental asthma by inducing T cell apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18619-18624.	7.1	161
22	The tumor necrosis factor family member LIGHT is a target for asthmatic airway remodeling. Nature Medicine, 2011, 17, 596-603.	30.7	160
23	Adiponectin and Functional Adiponectin Receptor 1 Are Expressed by Airway Epithelial Cells in Chronic Obstructive Pulmonary Disease. Journal of Immunology, 2009, 182, 684-691.	0.8	154
24	GSDMB induces an asthma phenotype characterized by increased airway responsiveness and remodeling without lung inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13132-13137.	7.1	147
25	STAT6 regulates natural helper cell proliferation during lung inflammation initiated byAlternaria. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L577-L588.	2.9	142
26	Allergen-induced peribronchial fibrosis and mucus production mediated by IÂB kinase Â-dependent genes in airway epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17723-17728.	7.1	140
27	ORMDL3 Transgenic Mice Have Increased Airway Remodeling and Airway Responsiveness Characteristic of Asthma. Journal of Immunology, 2014, 192, 3475-3487.	0.8	140
28	Antiâ€“IL-5 therapy reduces mast cell and IL-9 cell numbers in pediatric patients with eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2013, 131, 1576-1582.e2.	2.9	132
29	Increased ILC2s in the eosinophilic nasal polyp endotype are associated with corticosteroid responsiveness. Clinical Immunology, 2014, 155, 126-135.	3.2	127
30	miR-23âˆ¼27âˆ¼24 clusters control effector T cell differentiation and function. Journal of Experimental Medicine, 2016, 213, 235-249.	8.5	124
31	Identification of a Locus on Chromosome 1q44 for Familial Cold Urticaria. American Journal of Human Genetics, 2000, 66, 1693-1698.	6.2	121
32	Eosinophil trafficking to sites of allergic inflammation. Immunological Reviews, 2001, 179, 163-172.	6.0	121
33	Prostaglandin I₂ 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
34	Prostaglandin D2 regulates human type 2 innate lymphoid cell chemotaxis. Journal of Allergy and Clinical Immunology, 2014, 133, 899-901.e3.	2.9	116
35	Regulated Production of the T Helper 2â€“Type T-Cell Chemoattractant TARC by Human Bronchial Epithelial CellsIn Vitroand in Human Lung Xenografts. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 382-389.	2.9	115
36	Id2 and Id3 maintain the regulatory T cell pool to suppress inflammatory disease. Nature Immunology, 2014, 15, 767-776.	14.5	108

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37	Inhibition of Allergen-Induced Airway Remodeling in Smad 3-Deficient Mice. Journal of Immunology, 2007, 178, 7310-7316.	0.8	101
38	Allergic rhinitis: Pathophysiology. Allergy and Asthma Proceedings, 2010, 31, 370-374.	2.2	101
39	DNA-based immunotherapeutics for the treatment of allergic disease. Immunological Reviews, 2001, 179, 102-118.	6.0	99
40	Group 2 innate lymphocytes (ILC2) are enriched in active eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2015, 136, 792-794.e3.	2.9	98
41	Allergen challenge in allergic rhinitis rapidly induces increased peripheral blood type 2 innate lymphoid cells that express CD84. Journal of Allergy and Clinical Immunology, 2014, 133, 1203-1205.e7.	2.9	97
42	Immunostimulatory DNA Is a Potent Mucosal Adjuvant. Cellular Immunology, 1998, 190, 77-82.	3.0	96
43	Leukotriene C4 Potentiates IL-33â€“Induced Group 2 Innate Lymphoid Cell Activation and Lung Inflammation. Journal of Immunology, 2017, 199, 1096-1104.	0.8	96
44	Inhibition of Pulmonary Eosinophilia in P-Selectin- and ICAM-1-deficient Mice. American Journal of Respiratory Cell and Molecular Biology, 1998, 18, 218-225.	2.9	93
45	Accumulation of Peribronchial Mast Cells in a Mouse Model of Ovalbumin Allergen Induced Chronic Airway Inflammation: Modulation by Immunostimulatory DNA Sequences. Journal of Immunology, 2003, 171, 4860-4867.	0.8	93
46	Epithelial Cell-Derived IL-25, but Not Th17 Cell-Derived IL-17 or IL-17F, Is Crucial for Murine Asthma. Journal of Immunology, 2012, 189, 3641-3652.	0.8	93
47	Immunomodulation of Allergic Disease. Annual Review of Medicine, 2009, 60, 279-291.	12.2	92
48	Advances in mechanisms of asthma, allergy, and immunology in 2010. Journal of Allergy and Clinical Immunology, 2011, 127, 689-695.	2.9	92
49	Chromosome 17q21 Genes ORMDL3 and GSDMB in Asthma and Immune Diseases. Advances in Immunology, 2017, 135, 1-52.	2.2	91
50	Fine structure mapping of CIAS1: identification of an ancestral haplotype and a common FCAS mutation, L353P. Human Genetics, 2003, 112, 209-216.	3.8	89
51	Anti-Siglec-F Antibody Reduces Allergen-Induced Eosinophilic Inflammation and Airway Remodeling. Journal of Immunology, 2009, 183, 5333-5341.	0.8	89
52	Previously undescribed grass pollen antigens are the major inducers of T helper 2 cytokine-producing T cells in allergic individuals. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3459-3464.	7.1	88
53	Reduced peribronchial fibrosis in allergen-challenged MMP-9-deficient mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L265-L271.	2.9	87
54	Inhibition of Eosinophil Rolling and Recruitment in P-Selectinâ€“ and Intracellular Adhesion Molecule-1â€“Deficient Mice. Blood, 1998, 91, 2847-2856.	1.4	82

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55	Eosinophilic inflammation is associated with elevation of interleukin-5 in the airways of patients with spontaneous symptomatic asthma. Journal of Allergy and Clinical Immunology, 1995, 96, 661-668.	2.9	81
56	Group 2 innate lymphoid cells are recruited to the nasal mucosa in patients with aspirin-exacerbated respiratory disease. Journal of Allergy and Clinical Immunology, 2017, 140, 101-108.e3.	2.9	81
57	Siglecâ€F Inhibition Reduces Esophageal Eosinophilia and Angiogenesis in a Mouse Model of Eosinophilic Esophagitis. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 409-416.	1.8	80
58	Autophagy plays a role in FSTL1-induced epithelial mesenchymal transition and airway remodeling in asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L27-L40.	2.9	80
59	Alternaria Induces STAT6-Dependent Acute Airway Eosinophilia and Epithelial FIZZ1 Expression That Promotes Airway Fibrosis and Epithelial Thickness. Journal of Immunology, 2012, 188, 2622-2629.	0.8	79
60	Corticosteroids prevent myofibroblast accumulation and airway remodeling in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L162-L169.	2.9	78
61	Systemic administration of immunostimulatory DNA sequences mediates reversible inhibition of Th2 responses in a mouse model of asthma. Journal of Clinical Immunology, 2001, 21, 175-182.	3.8	77
62	A strategy to determine HLA class II restriction broadly covering the DR, DP, and DQ allelic variants most commonly expressed in the general population. Immunogenetics, 2013, 65, 357-370.	2.4	77
63	Immunostimulatory DNA Inhibits Transforming Growth Factor-Î² Expression and Airway Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 651-661.	2.9	73
64	Transcriptional Profiling of Th2 Cells Identifies Pathogenic Features Associated with Asthma. Journal of Immunology, 2016, 197, 655-664.	0.8	72
65	Insights into Group 2 Innate Lymphoid Cells in Human Airway Disease. Current Allergy and Asthma Reports, 2016, 16, 8.	5.3	70
66	Histamine-releasing factor has a proinflammatory role in mouse models of asthma and allergy. Journal of Clinical Investigation, 2012, 122, 218-228.	8.2	69
67	Airway Fibrosis and Angiogenesis due to Eosinophil Trafficking in Chronic Asthma. Current Molecular Medicine, 2008, 8, 350-358.	1.3	63
68	Long-term assessment of esophageal remodeling in patients with pediatric eosinophilic esophagitis treated with topical corticosteroids. Journal of Allergy and Clinical Immunology, 2016, 137, 147-156.e8.	2.9	63
69	Anti-Siglec-F antibody inhibits oral egg allergen induced intestinal eosinophilic inflammation in a mouse model. Clinical Immunology, 2009, 131, 157-169.	3.2	62
70	Î²2 integrins rather than Î²1 integrins mediate Alternaria-induced group 2 innate lymphoid cell trafficking to the lung. Journal of Allergy and Clinical Immunology, 2018, 141, 329-338.e12.	2.9	62
71	Role of mast cells in otitis media. Journal of Allergy and Clinical Immunology, 2005, 116, 1129-1135.	2.9	60
72	TGF-Î²1â€“induced phospholamban expression alters esophageal smooth muscle cell contraction in patients withÂeosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2014, 134, 1100-1107.e4.	2.9	60

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73	New targets for allergic rhinitis â€" a disease of civilization. Nature Reviews Drug Discovery, 2003, 2, 903-915.	46.4	59
74	Resolution of Airway Inflammation following Ovalbumin Inhalation. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 655-663.	2.9	59
75	T Cell Responses to Known Allergen Proteins Are Differently Polarized and Account for a Variable Fraction of Total Response to Allergen Extracts. Journal of Immunology, 2012, 189, 1800-1811.	0.8	59
76	Analysis of T Cell Responses to the Major Allergens from German Cockroach: Epitope Specificity and Relationship to IgE Production. Journal of Immunology, 2012, 189, 679-688.	0.8	59
77	PI3KÎ³-deficient mice have reduced levels of allergen-induced eosinophilic inflammation and airway remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L210-L219.	2.9	57
78	Myeloid cell HIF-1Î± regulates asthma airway resistance and eosinophil function. Journal of Molecular Medicine, 2013, 91, 637-644.	3.9	56
79	Cyclic AMP concentrations in dendritic cells induce and regulate Th2 immunity and allergic asthma. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1529-1534.	7.1	56
80	Orosomucoid-like 3 (ORMDL3) upregulates airway smooth muscle proliferation, contraction, and Ca2+ oscillations in asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 207-218.e6.	2.9	55
81	Down-regulation of Caveolin-1, an Inhibitor of Transforming Growth Factor-Î² Signaling, in Acute Allergen-induced Airway Remodeling. Journal of Biological Chemistry, 2008, 283, 5760-5768.	3.4	54
82	TGF-Î²1â€"induced PAI-1 contributes to a profibrotic network in patients with eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2016, 138, 791-800.e4.	2.9	53
83	Smad3â€Deficient Mice Have Reduced Esophageal Fibrosis and Angiogenesis in a Model of Eggâ€Induced Eosinophilic Esophagitis. Journal of Pediatric Gastroenterology and Nutrition, 2014, 59, 10-16.	1.8	50
84	Immunostimulatory DNA Reverses Established Allergen-Induced Airway Remodeling. Journal of Immunology, 2004, 173, 7556-7564.	0.8	49
85	Genes and Pathways Regulating Decline in Lung Function and Airway Remodeling in Asthma. Allergy, Asthma and Immunology Research, 2019, 11, 604.	2.9	49
86	Immunostimulatory DNA sequences inhibit respiratory syncytial viral load, airway inflammation, and mucus secretion. Journal of Allergy and Clinical Immunology, 2001, 108, 697-702.	2.9	47
87	Hypoxia potentiates allergen induction of HIF-1Î±, chemokines, airway inflammation, TGF-Î²1, and airway remodeling in a mouse model. Clinical Immunology, 2013, 147, 27-37.	3.2	47
88	Airway innate lymphoid cells in the induction and regulation of allergy. Allergology International, 2019, 68, 9-16.	3.3	47
89	VCAM-1 is more effective than MAdCAM-1 in supporting eosinophil rolling under conditions of shear flow. Blood, 2000, 95, 592-601.	1.4	46
90	CD4+ cells are required for chronic eosinophilic lung inflammation but not airway remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L229-L235.	2.9	45

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91	Inhibition of eosinophilic inflammation in allergen-challenged, IL-1 receptor type 1â€“deficient mice is associated with reduced eosinophil rolling and adhesion on vascular endothelium. Blood, 2000, 95, 263-269.	1.4	44
92	Adiponectin-deficient mice are protected against tobacco-induced inflammation and increased emphysema. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L834-L842.	2.9	44
93	Potent Inhibitors of Pro-Inflammatory Cytokine Production Produced by a Marine-Derived Bacterium. Journal of Medicinal Chemistry, 2009, 52, 2317-2327.	6.4	43
94	Regulatory B cells and T follicular helper cells are reduced in allergic rhinitis. Journal of Allergy and Clinical Immunology, 2016, 138, 1192-1195.e5.	2.9	43
95	Cutting Edge: Targeting Epithelial ORMDL3 Increases, Rather than Reduces, Airway Responsiveness and Is Associated with Increased Sphingosine-1-Phosphate. Journal of Immunology, 2017, 198, 3017-3022.	0.8	43
96	Inhibition of Eosinophilic Inflammation in Allergen-Challenged TNF Receptor p55/p75â€“ and TNF Receptor p55â€“Deficient Mice. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 304-311.	2.9	41
97	Fstl1 Promotes Asthmatic Airway Remodeling by Inducing Oncostatin M. Journal of Immunology, 2015, 195, 3546-3556.	0.8	41
98	Persistent Airway Inflammation and Emphysema Progression on CT Scan in Ex-Smokers Observed for 4 Years. Chest, 2011, 139, 1380-1387.	0.8	40
99	Rhinovirus infection interferes with induction of tolerance to aeroantigens through OX40 ligand, thymic stromal lymphopoietin, and IL-33. Journal of Allergy and Clinical Immunology, 2016, 137, 278-288.e6.	2.9	40
100	DNAâ€“Based Immunization for Asthma. International Archives of Allergy and Immunology, 1999, 118, 453-456.	2.1	38
101	Chronic OVA allergen challenged Siglec-F deficient mice have increased mucus, remodeling, and epithelial Siglec-F ligands which are up-regulated by IL-4 and IL-13. Respiratory Research, 2010, 11, 154.	3.6	38
102	Coexposure to Environmental Tobacco Smoke Increases Levels of Allergen-Induced Airway Remodeling in Mice. Journal of Immunology, 2007, 178, 5321-5328.	0.8	36
103	Advances in mechanisms of asthma, allergy, and immunology in 2008. Journal of Allergy and Clinical Immunology, 2009, 123, 569-574.	2.9	34
104	Oroscomucoid like protein 3 (ORMDL3) transgenic mice have reduced levels of sphingolipids including sphingosine-1-phosphate and ceramide. Journal of Allergy and Clinical Immunology, 2017, 139, 1373-1376.e4.	2.9	34
105	A Murine Model to Study Leukocyte Rolling and Intravascular Trafficking in Lung Microvessels. American Journal of Pathology, 2003, 162, 2019-2028.	3.8	33
106	Immunostimulatory DNA inhibits allergen-induced peribronchial angiogenesis in mice. Journal of Allergy and Clinical Immunology, 2006, 117, 597-603.	2.9	33
107	Constitutive overexpression of IL-5 induces extramedullary hematopoiesis in the spleen. Blood, 2003, 101, 863-868.	1.4	29
108	Indoleamine-2,3-dioxygenase modulation of allergic immune responses. Current Allergy and Asthma Reports, 2006, 6, 27-31.	5.3	29

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109	Computed tomographic scanâ€“diagnosed chronic obstructive pulmonary diseaseâ€“emphysema: Eotaxin-1 is associated with bronchodilator response and extent of emphysema. Journal of Allergy and Clinical Immunology, 2007, 120, 1118-1125.	2.9	29
110	Synthetic di-sulfated iduronic acid attenuates asthmatic response by blocking T-cell recruitment to inflammatory sites. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8173-8178.	7.1	29
111	Lipid regulation of group 2 innate lymphoid cell function: Moving beyond epithelial cytokines. Journal of Allergy and Clinical Immunology, 2018, 141, 1587-1589.	2.9	29
112	Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA. Journal of Allergy and Clinical Immunology, 2006, 117, 618-625.	2.9	28
113	Association between specific timothy grass antigens and changes in TH1- and TH2-cell responses following specific immunotherapy. Journal of Allergy and Clinical Immunology, 2014, 134, 1076-1083.	2.9	27
114	Immunostimulatory DNA mediates inhibition of eosinophilic inflammation and airway hyperreactivity independent of natural killer cells in vivo. Journal of Allergy and Clinical Immunology, 2001, 108, 759-763.	2.9	26
115	Allergen-Induced Coexpression of bFGF and TGF-Î²1 by Macrophages in a Mouse Model of Airway Remodeling: bFGF Induces Macrophage TGF-Î²1 Expression in vitro. International Archives of Allergy and Immunology, 2011, 155, 12-22.	2.1	26
116	Sialyltransferase ST3Gal-III Regulates Siglec-F Ligand Formation and Eosinophilic Lung Inflammation in Mice. Journal of Immunology, 2013, 190, 5939-5948.	0.8	26
117	The TGFÎ²1 Promoter SNP C-509T and Food Sensitization Promote Esophageal Remodeling in Pediatric Eosinophilic Esophagitis. PLoS ONE, 2015, 10, e0144651.	2.5	26
118	Eosinophil Tissue Recruitment to Sites of Allergic Inflammation in the Lung Is Platelet Endothelial Cell Adhesion Molecule Independent. Journal of Immunology, 2001, 167, 2292-2297.	0.8	25
119	New perspectives on mechanisms underlying chronic allergic inflammation and asthma in 2007. Journal of Allergy and Clinical Immunology, 2008, 122, 475-480.	2.9	25
120	Chronic OVA allergen challenged TNF p55/p75 receptor deficient mice have reduced airway remodeling. International Immunopharmacology, 2011, 11, 1038-1044.	3.8	24
121	Human Mesenchymal Stem Cells Suppress the Stretchâ€“Induced Inflammatory miR-155 and Cytokines in Bronchial Epithelial Cells. PLoS ONE, 2013, 8, e71342.	2.5	24
122	Inhibition of IRF4 in dendritic cells by PRR-independent and -dependent signals inhibit Th2 and promote Th17 responses. ELife, 2020, 9, .	6.0	24
123	Chronic allergen challenge induces bronchial mast cell accumulation in BALB/c but not C57BL/6 mice and is independent of IL-9. Immunogenetics, 2010, 62, 499-506.	2.4	22
124	Hypoxia-inducible factor-1Î± inhibition modulates airway hyperresponsiveness and nitric oxide levels in a BALB/c mouse model of asthma. Clinical Immunology, 2017, 176, 94-99.	3.2	22
125	Induction and Inhibition of the Th2 Phenotype Spread: Implications for Childhood Asthma. Journal of Immunology, 2005, 174, 5864-5873.	0.8	21
126	The pathophysiology of allergic rhinoconjunctivitis. Allergy and Asthma Proceedings, 2007, 28, 398-403.	2.2	21

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127	Unconventional ST2- and CD127-negative lung ILC2 populations are induced by the fungal allergen Alternaria alternata. Journal of Allergy and Clinical Immunology, 2019, 144, 1432-1435.e9.	2.9	21
128	Inhibition of eosinophilic inflammation in allergen-challenged, IL-1 receptor type 1-deficient mice is associated with reduced eosinophil rolling and adhesion on vascular endothelium. Blood, 2000, 95, 263-9.	1.4	21
129	MMPsâ€2 and â€14 Are Elevated in Eosinophilic Esophagitis and Reduced Following Topical Corticosteroid Therapy. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 194-199.	1.8	20
130	Combination of corticosteroid therapy and allergen avoidance reverses allergen-induced airway remodeling in mice. Journal of Allergy and Clinical Immunology, 2005, 116, 1116-1122.	2.9	19
131	Immunostimulatory sequences of DNA and conjugates in the treatment of allergic rhinitis. Current Allergy and Asthma Reports, 2005, 5, 182-185.	5.3	16
132	Strategies to Query and Display Allergy-Derived Epitope Data from the Immune Epitope Database. International Archives of Allergy and Immunology, 2013, 160, 334-345.	2.1	16
133	Targeting AMCase reduces esophageal eosinophilic inflammation and remodeling in a mouse model of egg induced eosinophilic esophagitis. International Immunopharmacology, 2014, 18, 35-42.	3.8	16
134	Rhinovirus Infection of ORMDL3 Transgenic Mice Is Associated with Reduced Rhinovirus Viral Load and Airway Inflammation. Journal of Immunology, 2017, 199, 2215-2224.	0.8	16
135	Genes That Regulate Eosinophilic Inflammation. American Journal of Human Genetics, 1999, 65, 302-307.	6.2	15
136	Eotaxin induces a sustained reduction in the functional adhesive state of very late antigen 4 for the connecting segment 1 region of fibronectin. Journal of Allergy and Clinical Immunology, 2000, 106, 933-940.	2.9	15
137	Toll-Like Receptor-9 Agonist Inhibits Airway Inflammation, Remodeling and Hyperreactivity in Mice Exposed to Chronic Environmental Tobacco Smoke and Allergen. International Archives of Allergy and Immunology, 2010, 151, 285-296.	2.1	15
138	Segmental allergen challenge increases levels of airway follistatin-like 1 in patients with asthma. Journal of Allergy and Clinical Immunology, 2016, 138, 596-599.e4.	2.9	15
139	Pathways to limit group 2 innate lymphoid cell activation. Journal of Allergy and Clinical Immunology, 2017, 139, 1465-1467.	2.9	15
140	Differential Regulation of Eosinophil Adhesion under Conditions of Flow In Vivo. Annals of the New York Academy of Sciences, 1996, 796, 218-225.	3.8	14
141	Inhibition of eosinophilic inflammation in allergen-challenged, IL-1 receptor type 1â€“deficient mice is associated with reduced eosinophil rolling and adhesion on vascular endothelium. Blood, 2000, 95, 263-269.	1.4	14
142	Core 2 oligosaccharides mediate eosinophil and neutrophil peritoneal but not lung recruitment. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L259-L266.	2.9	13
143	TL1A Promotes Lung Tissue Fibrosis and Airway Remodeling. Journal of Immunology, 2020, 205, 2414-2422.	0.8	13
144	Inhibition of allergic inflammation in the lung by plasmid DNA allergen immunization. Pediatric Pulmonology, 1999, 27, 118-121.	2.0	12

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145	Plasmid DNA encoding the respiratory syncytial virus G protein protects against RSV-induced airway hyperresponsiveness. Vaccine, 2002, 20, 3023-3033.	3.8	12
146	Towards Defining Molecular Determinants Recognized by Adaptive Immunity in Allergic Disease: An Inventory of the Available Data. Journal of Allergy, 2010, 2010, 1-12.	0.7	12
147	Why Is ORMDL3 on Chromosome 17q21 Highly Linked to Asthma?. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 404-406.	5.6	11
148	Gene immunization for allergic disorders. Seminars in Immunopathology, 1997, 19, 223-232.	4.0	10
149	Environmental tobacco smoke exposure does not prevent corticosteroids reducing inflammation, remodeling, and airway hyperreactivity in mice exposed to allergen. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L380-L387.	2.9	10
150	The identification of potentially pathogenic and therapeutic epitopes from common human allergens. Annals of Allergy, Asthma and Immunology, 2013, 110, 7-10.	1.0	10
151	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 496 adults from San Diego, California, USA. Human Immunology, 2018, 79, 821-822.	2.4	10
152	ORMDL3 but not neighboring 17q21 gene LRRC3C is expressed in human lungs and lung cells of asthmatics. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2061-2065.	5.7	9
153	DNA vaccines: an evolving approach to the treatment of allergic disorders. Allergy and Asthma Proceedings, 2005, 26, 195-8.	2.2	8
154	Eosinophil Peroxidase Differs from Neutrophil Myeloperoxidase in Its Ability to Bind Antineutrophil Cytoplasmic Antibodies Reactive with Myeloperoxidase. International Archives of Allergy and Immunology, 1994, 105, 150-154.	2.1	7
155	Fast Flowing Eosinophils. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 637-640.	2.9	7
156	Inactivation of Ĩ¹B-kinase-Î² dependent genes in airway epithelium reduces tobacco smoke induced acute airway inflammation. International Immunopharmacology, 2010, 10, 906-912.	3.8	7
157	Does reduced zona pellucida binding protein 2 (ZPBP2) expression on chromosome 17q21 protect against asthma?. Journal of Allergy and Clinical Immunology, 2018, 142, 706-709.e4.	2.9	7
158	Platelets attach to lung type 2 innate lymphoid cells (ILC2s) expressing P-selectin glycoprotein ligand 1 and influence ILC2 function. Journal of Allergy and Clinical Immunology, 2019, 144, 1112-1115.e8.	2.9	7
159	ORMDL3 expression in ASM regulates hypertrophy, hyperplasia via TPM1 and TPM4, and contractility. JCI Insight, 2021, 6, .	5.0	7
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