Bart N Lambrecht

List of Publications by Year
in descending order

416 papers	46,838 citations	1099 112 h-index	2448 197 g-index
487 all docs	487 docs citations	487 times ranked	50128 citing authors

#	Article	IF	Citations
1	FlowSOM: Using selfâ€organizing maps for visualization and interpretation of cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 636-645.	1.5	1,337
2	The immunology of asthma. Nature Immunology, 2015, 16, 45-56.	14.5	1,314
3	House dust mite allergen induces asthma via Toll-like receptor 4 triggering of airway structural cells. Nature Medicine, 2009, 15, 410-416.	30.7	977
4	Alveolar macrophages develop from fetal monocytes that differentiate into long-lived cells in the first week of life via GM-CSF. Journal of Experimental Medicine, 2013, 210, 1977-1992.	8.5	976
5	Alum adjuvant boosts adaptive immunity by inducing uric acid and activating inflammatory dendritic cells. Journal of Experimental Medicine, 2008, 205, 869-882.	8.5	838
6	Conventional and Monocyte-Derived CD11b+ Dendritic Cells Initiate and Maintain T Helper 2 Cell-Mediated Immunity to House Dust Mite Allergen. Immunity, 2013, 38, 322-335.	14.3	770
7	The airway epithelium in asthma. Nature Medicine, 2012, 18, 684-692.	30.7	755
8	Essential Role of Lung Plasmacytoid Dendritic Cells in Preventing Asthmatic Reactions to Harmless Inhaled Antigen. Journal of Experimental Medicine, 2004, 200, 89-98.	8.5	720
9	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. Immunity, 2016, 45, 669-684.	14.3	683
10	Barrier Epithelial Cells and the Control of Type 2 Immunity. Immunity, 2015, 43, 29-40.	14.3	634
11	The Cytokines of Asthma. Immunity, 2019, 50, 975-991.	14.3	622
12	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. Nature Communications, 2016, 7, 10321.	12.8	604
13	In vivo depletion of lung CD11c+ dendritic cells during allergen challenge abrogates the characteristic features of asthma. Journal of Experimental Medicine, 2005, 201, 981-991.	8.5	573
14	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. Trends in Immunology, 2011, 32, 157-164.	6.8	564
15	Dendritic cells and epithelial cells: linking innate and adaptive immunity in asthma. Nature Reviews Immunology, 2008, 8, 193-204.	22.7	560
16	Extracellular ATP triggers and maintains asthmatic airway inflammation by activating dendritic cells. Nature Medicine, 2007, 13, 913-919.	30.7	559
17	Cutting Edge: Alum Adjuvant Stimulates Inflammatory Dendritic Cells through Activation of the NALP3 Inflammasome. Journal of Immunology, 2008, 181, 3755-3759.	0.8	548
18	Inflammatory dendritic cellsâ€"not basophilsâ€"are necessary and sufficient for induction of Th2 immunity to inhaled house dust mite allergen. Journal of Experimental Medicine, 2010, 207, 2097-2111.	8.5	541

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19	The function of FcÎ³ receptors in dendritic cells and macrophages. Nature Reviews Immunology, 2014, 14, 94-108.	22.7	530
20	Specific Migratory Dendritic Cells Rapidly Transport Antigen from the Airways to the Thoracic Lymph Nodes. Journal of Experimental Medicine, 2001, 193, 51-60.	8.5	509
21	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 499.	7.4	498
22	Farm dust and endotoxin protect against allergy through A20 induction in lung epithelial cells. Science, 2015, 349, 1106-1110.	12.6	483
23	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. Immunity, 2016, 44, 755-768.	14.3	478
24	Myeloid dendritic cells induce Th2 responses to inhaled antigen, leading to eosinophilic airway inflammation. Journal of Clinical Investigation, 2000, 106, 551-559.	8.2	454
25	Computational flow cytometry: helping to make sense of high-dimensional immunology data. Nature Reviews Immunology, 2016, 16, 449-462.	22.7	423
26	Clearance of influenza virus from the lung depends on migratory langerin+CD11bâ^' but not plasmacytoid dendritic cells. Journal of Experimental Medicine, 2008, 205, 1621-1634.	8.5	419
27	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. Immunity, 2019, 51, 638-654.e9.	14.3	384
28	The basic immunology of asthma. Cell, 2021, 184, 1469-1485.	28.9	374
29	Proteomic Analysis of Exosomes Isolated from Human Malignant Pleural Effusions. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 114-121.	2.9	366
30	Interleukin-1Î± controls allergic sensitization to inhaled house dust mite via the epithelial release of GM-CSF and IL-33. Journal of Experimental Medicine, 2012, 209, 1505-1517.	8.5	362
31	The pathophysiology of â€˜happyâ€™ hypoxemia in COVID-19. Respiratory Research, 2020, 21, 198.	3.6	354
32	Sustained desensitization to bacterial Toll-like receptor ligands after resolutionof respiratory influenza infection. Journal of Experimental Medicine, 2008, 205, 323-329.	8.5	353
33	An Unexpected Role for Uric Acid as an Inducer of T Helper 2 Cell Immunity to Inhaled Antigens and Inflammatory Mediator of Allergic Asthma. Immunity, 2011, 34, 527-540.	14.3	328
34	Taking our breath away: dendritic cells in the pathogenesis of asthma. Nature Reviews Immunology, 2003, 3, 994-1003.	22.7	322
35	Biology of Lung Dendritic Cells at the Origin of Asthma. Immunity, 2009, 31, 412-424.	14.3	321
36	Proteomic Analysis of Exosomes Secreted by Human Mesothelioma Cells. American Journal of Pathology, 2004, 164, 1807-1815.	3.8	318

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37	Dendritic cells are crucial for maintenance of tertiary lymphoid structures in the lung of influenza virusâ€“infected mice. Journal of Experimental Medicine, 2009, 206, 2339-2349.	8.5	311
38	Tertiary lymphoid organs in infection and autoimmunity. Trends in Immunology, 2012, 33, 297-305.	6.8	311
39	Mechanism of action of clinically approved adjuvants. Current Opinion in Immunology, 2009, 21, 23-29.	5.5	309
40	Genes associated with common variable immunodeficiency: one diagnosis to rule them all?. Journal of Medical Genetics, 2016, 53, 575-590.	3.2	301
41	The immunology of the allergy epidemic and the hygiene hypothesis. Nature Immunology, 2017, 18, 1076-1083.	14.5	282
42	Coronavirus disease 2019 in patients with inborn errors of immunity: An international study. Journal of Allergy and Clinical Immunology, 2021, 147, 520-531.	2.9	278
43	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. Immunity, 2016, 45, 626-640.	14.3	273
44	Perinatal Activation of the Interleukin-33 Pathway Promotes Type 2 Immunity in the Developing Lung. Immunity, 2016, 45, 1285-1298.	14.3	271
45	Alum adjuvant: some of the tricks of the oldest adjuvant. Journal of Medical Microbiology, 2012, 61, 927-934.	1.8	266
46	Lung Dendritic Cells in Respiratory Viral Infection and Asthma: From Protection to Immunopathology. Annual Review of Immunology, 2012, 30, 243-270.	21.8	262
47	The pathogenesis of pulmonary fibrosis: a moving target. European Respiratory Journal, 2013, 41, 1207-1218.	6.7	252
48	A20 (TNFAIP3) deficiency in myeloid cells triggers erosive polyarthritis resembling rheumatoid arthritis. Nature Genetics, 2011, 43, 908-912.	21.4	250
49	Allergens and the airway epithelium response: Gateway to allergic sensitization. Journal of Allergy and Clinical Immunology, 2014, 134, 499-507.	2.9	250
50	Pulmonary Lymphoid Neogenesis in Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 311-321.	5.6	249
51	GATA3-Driven Th2 Responses Inhibit TGF-Î²1â€“Induced FOXP3 Expression and the Formation of Regulatory T Cells. PLoS Biology, 2007, 5, e329.	5.6	245
52	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. Immunity, 2020, 52, 1039-1056.e9.	14.3	237
53	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. Journal of Allergy and Clinical Immunology, 2017, 139, 1797-1807.	2.9	236
54	Local application of FTY720 to the lung abrogates experimental asthma by altering dendritic cell function. Journal of Clinical Investigation, 2006, 116, 2935-2944.	8.2	236

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55	The role of dendritic and epithelial cells as master regulators of allergic airway inflammation. Lancet, The, 2010, 376, 835-843.	13.7	226
56	Division of labor between lung dendritic cells and macrophages in the defense against pulmonary infections. Mucosal Immunology, 2013, 6, 464-473.	6.0	223
57	The unfolded-protein-response sensor IRE-1Î± regulates the function of CD8Î±+ dendritic cells. Nature Immunology, 2014, 15, 248-257.	14.5	223
58	The Ubiquitin-Editing Protein A20 Prevents Dendritic Cell Activation, Recognition of Apoptotic Cells, and Systemic Autoimmunity. Immunity, 2011, 35, 82-96.	14.3	222
59	Role of IL-1Â and the Nlrp3/caspase-1/IL-1Â axis in cigarette smoke-induced pulmonary inflammation and COPD. European Respiratory Journal, 2011, 38, 1019-1028.	6.7	221
60	Enhancement of Adaptive Immunity by the Human Vaccine Adjuvant AS01 Depends on Activated Dendritic Cells. Journal of Immunology, 2014, 193, 1920-1930.	0.8	220
61	Emerging functions of the unfolded protein response in immunity. Nature Immunology, 2014, 15, 910-919.	14.5	213
62	Mitochondrial Priming by CD28. Cell, 2017, 171, 385-397.e11.	28.9	212
63	Increased IL-17A expression in granulomas and in circulating memory T cells in sarcoidosis. Rheumatology, 2012, 51, 37-46.	1.9	204
64	Alveolar Macrophage in the Driver's Seat. Immunity, 2006, 24, 366-368.	14.3	199
65	Altered expression of epithelial junctional proteins in atopic asthma: possible role in inflammation. Canadian Journal of Physiology and Pharmacology, 2008, 86, 105-112.	1.4	198
66	Protein crystallization promotes type 2 immunity and is reversible by antibody treatment. Science, 2019, 364, .	12.6	197
67	Dual Role of IL-22 in Allergic Airway Inflammation and its Cross-talk with IL-17A. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1153-1163.	5.6	187
68	Microbiota-derived peptide mimics drive lethal inflammatory cardiomyopathy. Science, 2019, 366, 881-886.	12.6	179
69	C-Kitâ€“Positive Cells Accumulate in Remodeled Vessels of Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 116-123.	5.6	176
70	Activation of the D prostanoid 1 receptor suppresses asthma by modulation of lung dendritic cell function and induction of regulatory T cells. Journal of Experimental Medicine, 2007, 204, 357-367.	8.5	175
71	Prostaglandin D2 Inhibits Airway Dendritic Cell Migration and Function in Steady State Conditions by Selective Activation of the D Prostanoid Receptor 1. Journal of Immunology, 2003, 171, 3936-3940.	0.8	174
72	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. Immunity, 2018, 49, 312-325.e5.	14.3	172

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73	Cellular and molecular synergy in AS01-adjuvanted vaccines results in an early IFNÎ³ response promoting vaccine immunogenicity. Npj Vaccines, 2017, 2, 25.	6.0	171
74	Induction of Rapid T Cell Activation, Division, and Recirculation by Intratracheal Injection of Dendritic Cells in a TCR Transgenic Model. Journal of Immunology, 2000, 164, 2937-2946.	0.8	170
75	The emerging role of ADAM metalloproteinases in immunity. Nature Reviews Immunology, 2018, 18, 745-758.	22.7	166
76	The who, where, and when of IgE in allergic airway disease. Journal of Allergy and Clinical Immunology, 2012, 129, 635-645.	2.9	165
77	Contribution of the PD-1 ligands/PD-1 signaling pathway to dendritic cell-mediated CD4+ T cell activation. European Journal of Immunology, 2006, 36, 2472-2482.	2.9	164
78	Osteopontin has a crucial role in allergic airway disease through regulation of dendritic cell subsets. Nature Medicine, 2007, 13, 570-578.	30.7	164
79	pH-degradable imidazoquinoline-ligated nanogels for lymph node-focused immune activation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8098-8103.	7.1	164
80	A gammaherpesvirus provides protection against allergic asthma by inducing the replacement of resident alveolar macrophages with regulatory monocytes. Nature Immunology, 2017, 18, 1310-1320.	14.5	164
81	Endogenously produced substance P contributes to lymphocyte proliferation induced by dendritic cells and direct TCR ligation. European Journal of Immunology, 1999, 29, 3815-3825.	2.9	162
82	Activation of Peroxisome Proliferator-Activated Receptor-Î³ in Dendritic Cells Inhibits the Development of Eosinophilic Airway Inflammation in a Mouse Model of Asthma. American Journal of Pathology, 2004, 164, 263-271.	3.8	162
83	A rapid flow cytometric method for determining the cellular composition of bronchoalveolar lavage fluid cells in mouse models of asthma. Journal of Immunological Methods, 2004, 288, 111-121.	1.4	161
84	MACVIA-ARIA Sentinel NetworK for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1372-1392.	5.7	160
85	The state of complement in COVID-19. Nature Reviews Immunology, 2022, 22, 77-84.	22.7	159
86	Important research questions in allergy and related diseases: nonallergic rhinitis: a GA²LEN paper. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 842-853.	5.7	158
87	Development of conventional dendritic cells: from common bone marrow progenitors to multiple subsets in peripheral tissues. Mucosal Immunology, 2017, 10, 831-844.	6.0	155
88	Local immune response to food antigens drives meal-induced abdominal pain. Nature, 2021, 590, 151-156.	27.8	153
89	Division of labor between dendritic cell subsets of the lung. Mucosal Immunology, 2008, 1, 442-450.	6.0	151
90	An Anti-Inflammatory Role for Plasmacytoid Dendritic Cells in Allergic Airway Inflammation. Journal of Immunology, 2009, 183, 1074-1082.	0.8	151

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91	Terminal NK cell maturation is controlled by concerted actions of T-bet and Zeb2 and is essential for melanoma rejection. Journal of Experimental Medicine, 2015, 212, 2015-2025.	8.5	151
92	Protective effect of Schistosoma mansoni infection on allergic airway inflammation depends on the intensity and chronicity of infection. Journal of Allergy and Clinical Immunology, 2007, 120, 932-940.	2.9	147
93	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 596-604.	5.7	146
94	Adult chronic rhinosinusitis. Nature Reviews Disease Primers, 2020, 6, 86.	30.5	146
95	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. Journal of Allergy and Clinical Immunology, 2017, 139, 388-399.	2.9	145
96	Mesothelioma environment comprises cytokines and T-regulatory cells that suppress immune responses. European Respiratory Journal, 2006, 27, 1086-1095.	6.7	144
97	The danger within: endogenous danger signals, atopy and asthma. Clinical and Experimental Allergy, 2009, 39, 12-19.	2.9	140
98	CCR2+CD103â^' intestinal dendritic cells develop from DC-committed precursors and induce interleukin-17 production by T cells. Mucosal Immunology, 2015, 8, 327-339.	6.0	140
99	Blockade of CCR4 in a humanized model of asthma reveals a critical role for DCâ€derived CCL17 and CCL22 in attracting Th2 cells and inducing airway inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 995-1002.	5.7	137
100	Interleukin-21-Producing CD4+ T Cells Promote Type 2 Immunity to House Dust Mites. Immunity, 2015, 43, 318-330.	14.3	132
101	Consolidative Dendritic Cell-based Immunotherapy Elicits Cytotoxicity against Malignant Mesothelioma. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1383-1390.	5.6	131
102	Designing polymeric particles for antigen delivery. Chemical Society Reviews, 2011, 40, 320-339.	38.1	131
103	Allergen-induced accumulation of airway dendritic cells is supported by an increase in CD31hiLy-6Cneg bone marrow precursors in a mouse model of asthma. Blood, 2002, 100, 3663-3671.	1.4	129
104	Ontogeny of Myeloid Cells. Frontiers in Immunology, 2014, 5, 423.	4.8	129
105	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2016, 138, 367-374.e2.	2.9	128
106	The transcription factor Zeb2 regulates development of conventional and plasmacytoid DCs by repressing Id2. Journal of Experimental Medicine, 2016, 213, 897-911.	8.5	125
107	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. Clinical and Translational Allergy, 2016, 6, 47.	3.2	121
108	Recent progress in the biology of airway dendritic cells and implications for understanding the regulation of asthmatic inflammation. Journal of Allergy and Clinical Immunology, 2006, 118, 331-336.	2.9	120

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109	Dendritic cells and airway epithelial cells at the interface between innate and adaptive immune responses. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 579-587.	5.7	120
110	Nanoparticleâ€Conjugate TLR7/8 Agonist Localized Immunotherapy Provokes Safe Antitumoral Responses. Advanced Materials, 2018, 30, e1803397.	21.0	120
111	Dendritic cell subsets and immune regulation in the lung. Seminars in Immunology, 2005, 17, 295-303.	5.6	119
112	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. Immunity, 2016, 44, 860-874.	14.3	118
113	Essential role of dendritic cell CD80/CD86 costimulation in the induction, but not reactivation, of TH2 effector responses in a mouse model of asthma. Journal of Allergy and Clinical Immunology, 2004, 114, 166-173.	2.9	116
114	Polymeric Multilayer Capsule-Mediated Vaccination Induces Protective Immunity Against Cancer and Viral Infection. ACS Nano, 2012, 6, 2136-2149.	14.6	116
115	Structure and antagonism of the receptor complex mediated by human TSLP in allergy and asthma. Nature Communications, 2017, 8, 14937.	12.8	115
116	Immunologists getting nervous: neuropeptides, dendritic cells and T cell activation. Respiratory Research, 2001, 2, 133-8.	3.6	113
117	Proinflammatory Bacterial Peptidoglycan as a Cofactor for the Development of Central Nervous System Autoimmune Disease. Journal of Immunology, 2005, 174, 808-816.	0.8	113
118	Inhaled iloprost suppresses the cardinal features of asthma via inhibition of airway dendritic cell function. Journal of Clinical Investigation, 2007, 117, 464-472.	8.2	113
119	Asthma: The importance of dysregulated barrier immunity. European Journal of Immunology, 2013, 43, 3125-3137.	2.9	110
120	Monocyte-Derived Dendritic Cells Induce a House Dust Mite-Specific Th2 Allergic Inflammation in the Lung of Humanized SCID Mice: Involvement of CCR7. Journal of Immunology, 2002, 169, 1524-1534.	0.8	109
121	Imaging regulatory T cell dynamics and CTLA4-mediated suppression of T cell priming. Nature Communications, 2015, 6, 6219.	12.8	107
122	Cytokine targets in airway inflammation. Current Opinion in Pharmacology, 2013, 13, 351-361.	3.5	106
123	An essential role for dendritic cells in human and experimental allergic rhinitis. Journal of Allergy and Clinical Immunology, 2006, 118, 1117-1125.	2.9	104
124	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. Cell Reports, 2017, 18, 3005-3017.	6.4	104
125	Cholera toxin B suppresses allergic inflammation through induction of secretory IgA. Mucosal Immunology, 2009, 2, 331-339.	6.0	102
126	Immunotherapy of Murine Malignant Mesothelioma Using Tumor Lysateâ€“pulsed Dendritic Cells. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1168-1177.	5.6	99

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127	Spontaneous Protein Adsorption on Graphene Oxide Nanosheets Allowing Efficient Intracellular Vaccine Protein Delivery. ACS Applied Materials & Interfaces, 2016, 8, 1147-1155.	8.0	99
128	Chronic and Invasive Fungal Infections in a Family with CARD9 Deficiency. Journal of Clinical Immunology, 2016, 36, 204-209.	3.8	98
129	The interplay of dendritic cells, Th2 cells and regulatory T cells in asthma. Current Opinion in Immunology, 2004, 16, 702-708.	5.5	97
130	Lipopolysaccharide-Induced Suppression of Airway Th2 Responses Does Not Require IL-12 Production by Dendritic Cells. Journal of Immunology, 2003, 171, 3645-3654.	0.8	96
131	Dendritic cells and the regulation of the allergic immune response. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 271-282.	5.7	94
132	Regulated IRE1-dependent mRNA decay sets the threshold for dendritic cell survival. Nature Cell Biology, 2017, 19, 698-710.	10.3	93
133	Activated protein C inhibits bronchial hyperresponsiveness and Th2 cytokine expression in mice. Blood, 2004, 103, 2196-2204.	1.4	91
134	Are allergic multimorbidities and IgE polysensitization associated with the persistence or reâ€•occurrence of foetal type 2 signalling? The <scp>M</scp>e<scp>DALL</scp> hypothesis. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1062-1078.	5.7	88
135	KIRA1 and ORESARA1 terminate flower receptivity by promoting cell death in the stigma of Arabidopsis. Nature Plants, 2018, 4, 365-375.	9.3	88
136	Role of B Cellâ€“Activating Factor in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 706-718.	5.6	87
137	NLRP3/Caspase-1â€“Independent IL-1Î² Production Mediates Diesel Exhaust Particle-Induced Pulmonary Inflammation. Journal of Immunology, 2011, 187, 3331-3337.	0.8	86
138	Professional and â€˜Amateurâ€™ Antigen-Presenting Cells In Type 2 Immunity. Trends in Immunology, 2019, 40, 22-34.	6.8	86
139	Effect of anti-interleukin drugs in patients with COVID-19 and signs of cytokine release syndrome (COV-AID): a factorial, randomised, controlled trial. Lancet Respiratory Medicine,the, 2021, 9, 1427-1438.	10.7	86
140	Peroxisome Proliferator-Activated Receptor Î³ Inhibits the Migration of Dendritic Cells: Consequences for the Immune Response. Journal of Immunology, 2003, 170, 5295-5301.	0.8	85
141	Enforced Expression of GATA-3 in Transgenic Mice Inhibits Th1 Differentiation and Induces the Formation of a T1/ST2-Expressing Th2-Committed T Cell Compartment In Vivo. Journal of Immunology, 2001, 167, 724-732.	0.8	83
142	Activation of the D Prostanoid Receptor 1 Regulates Immune and Skin Allergic Responses. Journal of Immunology, 2004, 172, 3822-3829.	0.8	83
143	Role of CXCL13 in Cigarette Smokeâ€“induced Lymphoid Follicle Formation and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 343-355.	5.6	83
144	Lentiviral gene therapy of murine hematopoietic stem cells ameliorates the Pompe disease phenotype. Blood, 2010, 115, 5329-5337.	1.4	81

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145	A Dissociated Glucocorticoid Receptor Modulator Reduces Airway Hyperresponsiveness and Inflammation in a Mouse Model of Asthma. Journal of Immunology, 2012, 188, 3478-3487.	0.8	81
146	Presence of substance P and neurokinin 1 receptors in human sputum macrophages and Uâ€937 cells. European Respiratory Journal, 1999, 14, 776.	6.7	80
147	Dendritic cells in asthma: a function beyond sensitization. Clinical and Experimental Allergy, 2005, 35, 1125-1134.	2.9	80
148	Highly Pathogenic Avian Influenza Virus H5N1 Infects Alveolar Macrophages without Virus Production or Excessive TNF-Alpha Induction. PLoS Pathogens, 2011, 7, e1002099.	4.7	80
149	Surfaceâ€Engineered Polyelectrolyte Multilayer Capsules: Synthetic Vaccines Mimicking Microbial Structure and Function. Angewandte Chemie - International Edition, 2012, 51, 3862-3866.	13.8	80
150	IL-17â€“high asthma with features of a psoriasis immunophenotype. Journal of Allergy and Clinical Immunology, 2019, 144, 1198-1213.	2.9	80
151	The Balance between Plasmacytoid DC versus Conventional DC Determines Pulmonary Immunity to Virus Infections. PLoS ONE, 2008, 3, e1720.	2.5	80
152	Phenotyping asthma, rhinitis and eczema in <scp>M</scp>e<scp>DALL</scp> populationâ€based birth cohorts: an allergic comorbidity cluster. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 973-984.	5.7	79
153	Airway Eosinophils Accumulate in the Mediastinal Lymph Nodes but Lack Antigen-Presenting Potential for Naive T Cells. Journal of Immunology, 2003, 171, 3372-3378.	0.8	77
154	Paving the way of systems biology and precision medicine in allergic diseases: the Me <scp>DALL</scp> success story. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1513-1525.	5.7	77
155	CLECâ€2 signaling via Syk in myeloid cells can regulate inflammatory responses. European Journal of Immunology, 2011, 41, 3040-3053.	2.9	75
156	Allergen-Induced Changes in Bone-Marrow Progenitor and Airway Dendritic Cells in Sensitized Rats. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 1165-1174.	2.9	74
157	Selective control of SIRP-Î±â€“positive airway dendritic cell trafficking through CD47 is critical for the development of TH2-mediated allergic inflammation. Journal of Allergy and Clinical Immunology, 2009, 124, 1333-1342.e1.	2.9	74
158	The role of lung dendritic cell subsets in immunity to respiratory viruses. Immunological Reviews, 2013, 255, 57-67.	6.0	74
159	PPAR-Î³ promotes type 2 immune responses in allergy and nematode infection. Science Immunology, 2017, 2, .	11.9	74
160	Bacteria isolated from lung modulate asthma susceptibility in mice. ISME Journal, 2017, 11, 1061-1074.	9.8	74
161	The neuropeptide calcitonin geneâ€related peptide affects allergic airway inflammation by modulating dendritic cell function. Clinical and Experimental Allergy, 2011, 41, 1609-1621.	2.9	72
162	T-Helper 17 Cell Polarization in Pulmonary Arterial Hypertension. Chest, 2015, 147, 1610-1620.	0.8	72

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163	Neutralizing TNFÎ± restores glucocorticoid sensitivity in a mouse model of neutrophilic airway inflammation. Mucosal Immunology, 2015, 8, 1212-1225.	6.0	72
164	Diesel Exhaust Particles Stimulate Adaptive Immunity by Acting on Pulmonary Dendritic Cells. Journal of Immunology, 2010, 184, 426-432.	0.8	71
165	TLR4 signalling in pulmonary stromal cells is critical for inflammation and immunity in the airways. Respiratory Research, 2011, 12, 125.	3.6	71
166	Transitional B cells commit to marginal zone B cell fate by Taok3-mediated surface expression of ADAM10. Nature Immunology, 2017, 18, 313-320.	14.5	71
167	Understanding the complexity of IgE-related phenotypes from childhood to young adulthood: A Mechanisms of the Development of Allergy (MeDALL) Seminar. Journal of Allergy and Clinical Immunology, 2012, 129, 943-954.e4.	2.9	68
168	Mouse Models ofÂAsthma. Current Protocols in Mouse Biology, 2016, 6, 169-184.	1.2	68
169	Directed antigen targeting in vivo identifies a role for CD103+ dendritic cells in both tolerogenic and immunogenic T-cell responses. Mucosal Immunology, 2012, 5, 150-160.	6.0	67
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