

Patrick G Holt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7752101/publications.pdf>

Version: 2024-02-01

428
papers

31,931
citations

3721

89
h-index

5965

160
g-index

442
all docs

442
docs citations

442
times ranked

22710
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of allergen-specific T-cell memory in atopic and normal children. <i>Lancet, The</i> , 1999, 353, 196-200.	6.3	834
2	A Polymorphism* in the 5' Flanking Region of the CD14 Gene Is Associated with Circulating Soluble CD14 Levels and with Total Serum Immunoglobulin E. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 976-983.	1.4	785
3	After asthma: redefining airways diseases. <i>Lancet, The</i> , 2018, 391, 350-400.	6.3	744
4	The Infant Nasopharyngeal Microbiome Impacts Severity of Lower Respiratory Infection and Risk of Asthma Development. <i>Cell Host and Microbe</i> , 2015, 17, 704-715.	5.1	721
5	Early-life respiratory viral infections, atopic sensitization, and risk of subsequent development of persistent asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1105-1110.	1.5	655
6	A solid-phase immunoenzymatic technique for the enumeration of specific antibody-secreting cells. <i>Journal of Immunological Methods</i> , 1983, 57, 301-309.	0.6	567
7	Downregulation of the antigen presenting cell function(s) of pulmonary dendritic cells in vivo by resident alveolar macrophages.. <i>Journal of Experimental Medicine</i> , 1993, 177, 397-407.	4.2	521
8	Fish oil supplementation in pregnancy modifies neonatal allergen-specific immune responses and clinical outcomes in infants at high risk of atopy. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, 1178-1184.	1.5	472
9	Regulation of immunological homeostasis in the respiratory tract. <i>Nature Reviews Immunology</i> , 2008, 8, 142-152.	10.6	449
10	Resting Respiratory Tract Dendritic Cells Preferentially Stimulate T Helper Cell Type 2 (Th2) Responses and Require Obligatory Cytokine Signals for Induction of Th1 Immunity. <i>Journal of Experimental Medicine</i> , 1998, 188, 2019-2031.	4.2	437
11	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	9.4	426
12	Phenotypic, Functional, and Plasticity Features of Classical and Alternatively Activated Human Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 676-688.	1.4	413
13	Role of Respiratory Viruses in Acute Upper and Lower Respiratory Tract Illness in the First Year of Life. <i>Pediatric Infectious Disease Journal</i> , 2006, 25, 680-686.	1.1	390
14	Regulation of IgE responses to inhaled antigen in mice by antigen-specific gamma delta T cells. <i>Science</i> , 1994, 265, 1869-1871.	6.0	388
15	Rapid dendritic cell recruitment is a hallmark of the acute inflammatory response at mucosal surfaces.. <i>Journal of Experimental Medicine</i> , 1994, 179, 1331-1336.	4.2	380
16	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090.	9.4	367
17	Role of microbial burden in aetiology of allergy and asthma. <i>Lancet, The</i> , 1999, 354, S112-S115.	6.3	356
18	The natural immune response to inhaled soluble protein antigens involves major histocompatibility complex (MHC) class I-restricted CD8+ T cell-mediated but MHC class II-restricted CD4+ T cell-dependent immune deviation resulting in selective suppression of immunoglobulin E production.. <i>Journal of Experimental Medicine</i> , 1993, 178, 889-899.	4.2	316

#	ARTICLE	IF	CITATIONS
19	Allergic respiratory disease: strategic targets for primary prevention during childhood. <i>Thorax</i> , 1997, 52, 1-4.	2.7	314
20	Immune and inflammatory function in cigarette smokers.. <i>Thorax</i> , 1987, 42, 241-249.	2.7	313
21	Studies on the density, distribution, and surface phenotype of intraepithelial class II major histocompatibility complex antigen (Ia)-bearing dendritic cells (DC) in the conducting airways.. <i>Journal of Experimental Medicine</i> , 1991, 173, 1345-1356.	4.2	313
22	Differential Patterns of Methylation of the IFN- β Promoter at CpG and Non-CpG Sites Underlie Differences in IFN- β Gene Expression Between Human Neonatal and Adult CD45RO $^+$ T Cells. <i>Journal of Immunology</i> , 2002, 168, 2820-2827.	0.4	312
23	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2012, 44, 187-192.	9.4	311
24	Dendritic Cells Are Recruited into the Airway Epithelium during the Inflammatory Response to a Broad Spectrum of Stimuli. <i>Journal of Experimental Medicine</i> , 1996, 184, 2429-2432.	4.2	309
25	Early identification of atopy in the prediction of persistent asthma in children. <i>Lancet</i> , The, 2008, 372, 1100-1106.	6.3	307
26	MHC class II antigen-bearing dendritic cells in pulmonary tissues of the rat. Regulation of antigen presentation activity by endogenous macrophage populations.. <i>Journal of Experimental Medicine</i> , 1988, 167, 262-274.	4.2	281
27	Atopic versus infectious diseases in childhood: a question of balance?. <i>Pediatric Allergy and Immunology</i> , 1997, 8, 53-58.	1.1	270
28	Genetic 'risk' for atopy is associated with delayed postnatal maturation of T-cell competence. <i>Clinical and Experimental Allergy</i> , 1992, 22, 1093-1099.	1.4	256
29	Modification of the Inflammatory Response to Allergen Challenge after Exposure to Bacterial Lipopolysaccharide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 22, 604-612.	1.4	256
30	Viral infections and atopy in asthma pathogenesis: new rationales for asthma prevention and treatment. <i>Nature Medicine</i> , 2012, 18, 726-735.	15.2	247
31	Breast feeding and respiratory morbidity in infancy: a birth cohort study. <i>Archives of Disease in Childhood</i> , 2003, 88, 224-228.	1.0	234
32	Development of Interleukin-12-Producing Capacity throughout Childhood. <i>Infection and Immunity</i> , 2002, 70, 6583-6588.	1.0	229
33	Anatomical Location Determines the Distribution and Function of Dendritic Cells and Other APCs in the Respiratory Tract. <i>Journal of Immunology</i> , 2005, 175, 1609-1618.	0.4	225
34	Maternal Serum Vitamin D Levels During Pregnancy and Offspring Neurocognitive Development. <i>Pediatrics</i> , 2012, 129, 485-493.	1.0	224
35	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	9.4	221
36	An immunoepidemiological approach to asthma: identification of in-vitro T cell response patterns associated with different wheezing phenotypes in children. <i>Lancet</i> , The, 2005, 365, 142-149.	6.3	219

#	ARTICLE	IF	CITATIONS
37	The effects of respiratory infections, atopy, and breastfeeding on childhood asthma. <i>European Respiratory Journal</i> , 2002, 19, 899-905.	3.1	216
38	Association between antenatal cytokine production and the development of atopy and asthma at age 6 years. <i>Lancet, The</i> , 2003, 362, 1192-1197.	6.3	214
39	Contemporaneous maturation of immunologic and respiratory functions during early childhood: Implications for development of asthma prevention strategies. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 16-24.	1.5	206
40	Maternal smoking in pregnancy alters neonatal cytokine responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003, 58, 1053-1058.	2.7	195
41	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1564-1571.	1.5	195
42	Review Environmental factors and primary T-cell sensitisation to inhalant allergens in infancy: reappraisal of the role of infections and air pollution. <i>Pediatric Allergy and Immunology</i> , 1995, 6, 1-10.	1.1	193
43	Genome-wide association study identifies peanut allergy-specific loci and evidence of epigenetic mediation in US children. <i>Nature Communications</i> , 2015, 6, 6304.	5.8	192
44	Interactions between Innate Antiviral and Atopic Immunoinflammatory Pathways Precipitate and Sustain Asthma Exacerbations in Children. <i>Journal of Immunology</i> , 2009, 183, 2793-2800.	0.4	190
45	Development of the airway intraepithelial dendritic cell network in the rat from class II major histocompatibility (Ia)-negative precursors: differential regulation of Ia expression at different levels of the respiratory tract. <i>Journal of Experimental Medicine</i> , 1994, 179, 203-212.	4.2	186
46	Bidirectional Interactions between Antigen-bearing Respiratory Tract Dendritic Cells (DCs) and T Cells Precede the Late Phase Reaction in Experimental Asthma. <i>Journal of Experimental Medicine</i> , 2003, 198, 19-30.	4.2	185
47	A potential vaccine strategy for asthma and allied atopic diseases during early childhood. <i>Lancet, The</i> , 1994, 344, 456-458.	6.3	183
48	Rapid dendritic cell recruitment to the bronchial mucosa of patients with atopic asthma in response to local allergen challenge. <i>Thorax</i> , 2001, 56, 823-826.	2.7	181
49	Accelerated Antigen Sampling and Transport by Airway Mucosal Dendritic Cells following Inhalation of a Bacterial Stimulus. <i>Journal of Immunology</i> , 2006, 177, 5861-5867.	0.4	180
50	Ia-positive dendritic cells form a tightly meshed network within the human airway epithelium. <i>Clinical and Experimental Allergy</i> , 1989, 19, 597-601.	1.4	179
51	Association of IL12B promoter polymorphism with severity of atopic and non-atopic asthma in children. <i>Lancet, The</i> , 2002, 360, 455-459.	6.3	178
52	Reversal of airway hyperresponsiveness by induction of airway mucosal CD4+CD25+ regulatory T cells. <i>Journal of Experimental Medicine</i> , 2006, 203, 2649-2660.	4.2	175
53	Maternal fish oil supplementation in pregnancy reduces interleukin-13 levels in cord blood of infants at high risk of atopy. <i>Clinical and Experimental Allergy</i> , 2003, 33, 442-448.	1.4	174
54	Vitamin D and atopy and asthma phenotypes in children: a longitudinal cohort study. <i>European Respiratory Journal</i> , 2011, 38, 1320-1327.	3.1	166

#	ARTICLE	IF	CITATIONS
55	Inhibition of the immunosuppressive activity of resident pulmonary alveolar macrophages by granulocyte/macrophage colony-stimulating factor.. Journal of Experimental Medicine, 1993, 177, 1773-1777.	4.2	165
56	Defence against allergic sensitization in the healthy lung: the role of inhalation tolerance. Clinical and Experimental Allergy, 1989, 19, 255-262.	1.4	156
57	An exposome perspective: Early-life events and immune development in a changing world. Journal of Allergy and Clinical Immunology, 2017, 140, 24-40.	1.5	149
58	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	5.8	148
59	Airway Microbiota Dynamics Uncover a Critical Window for Interplay of Pathogenic Bacteria and Allergy in Childhood Respiratory Disease. Cell Host and Microbe, 2018, 24, 341-352.e5.	5.1	146
60	Immunoprophylaxis of atopy: light at the end of the tunnel?. Trends in Immunology, 1994, 15, 484-489.	7.5	140
61	Development of long term tolerance versus sensitisation to environmental allergens during the perinatal period. Current Opinion in Immunology, 1997, 9, 782-787.	2.4	138
62	Systemic responsiveness to lipopolysaccharide and polymorphisms in the toll-like receptor 4 gene in human beings. Journal of Allergy and Clinical Immunology, 2003, 112, 923-929.	1.5	134
63	Functional Maturation of CD4+CD25+CTLA4+CD45RA+ T Regulatory Cells in Human Neonatal T Cell Responses to Environmental Antigens/Allergens. Journal of Immunology, 2004, 173, 3084-3092.	0.4	131
64	Toward improved prediction of risk for atopy and asthma among preschoolers: A prospective cohort study. Journal of Allergy and Clinical Immunology, 2010, 125, 653-659.e7.	1.5	128
65	A Contiguous Network of Dendritic Antigen-Presenting Cells within the Respiratory Epithelium. International Archives of Allergy and Immunology, 1990, 91, 155-159.	0.9	126
66	Postnatal maturation of immune competence during infancy and childhood. Pediatric Allergy and Immunology, 1995, 6, 59-70.	1.1	124
67	Effects of n-3 polyunsaturated fatty acid supplementation in pregnancy on maternal and fetal erythrocyte fatty acid composition. European Journal of Clinical Nutrition, 2004, 58, 429-437.	1.3	124
68	TLR4 Polymorphisms Mediate Impaired Responses to Respiratory Syncytial Virus and Lipopolysaccharide. Journal of Immunology, 2007, 179, 132-140.	0.4	124
69	Do early-life viral infections cause asthma?. Journal of Allergy and Clinical Immunology, 2010, 125, 1202-1205.	1.5	120
70	Inhalant allergen-specific T-cell reactivity is detectable in close to 100% of atopic and normal individuals: covert responses are unmasked by serum-free medium. Clinical and Experimental Allergy, 1995, 25, 634-642.	1.4	119
71	Regulation of Dendritic Cell Recruitment into Resting and Inflamed Airway Epithelium: Use of Alternative Chemokine Receptors as a Function of Inducing Stimulus. Journal of Immunology, 2001, 167, 228-234.	0.4	117
72	Postnatal Development of Monocyte Cytokine Responses to Bacterial Lipopolysaccharide. Pediatric Research, 2007, 62, 547-552.	1.1	117

#	ARTICLE	IF	CITATIONS
73	Prenatal versus postnatal sensitization to environmental allergens in a high-risk birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1164-1173.	1.5	114
74	Antigen-Specific Responses to Diphtheria-Tetanus-Acellular Pertussis Vaccine in Human Infants Are Initially Th2 Polarized. <i>Infection and Immunity</i> , 2000, 68, 3873-3877.	1.0	109
75	Regulation of immunologic homeostasis in peripheral tissues by dendritic cells: The respiratory tract as a paradigm. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 105, 421-429.	1.5	107
76	Induction of IgE-secreting cells and IgE isotype-specific suppressor T cells in the respiratory lymph nodes of rats in response to antigen inhalation. <i>Cellular Immunology</i> , 1985, 94, 182-194.	1.4	106
77	Regulation of immune response to inhaled antigen by alveolar macrophages: differential effects of in vivo alveolar macrophage elimination on the induction of tolerance vs. immunity. <i>European Journal of Immunology</i> , 1991, 21, 2845-2850.	1.6	106
78	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018, 50, 1072-1080.	9.4	106
79	Alveolar macrophages. I. a simple technique for the preparation of high numbers of viable alveolar macrophages from small laboratory animals. <i>Journal of Immunological Methods</i> , 1979, 27, 189-198.	0.6	105
80	Size-Dependent Uptake of Particles by Pulmonary Antigen-Presenting Cell Populations and Trafficking to Regional Lymph Nodes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 67-77.	1.4	105
81	Vitamin D Deficiency at 16 to 20 Weeks of Gestation Is Associated with Impaired Lung Function and Asthma at 6 Years of Age. <i>Annals of the American Thoracic Society</i> , 2014, 11, 571-577.	1.5	104
82	Persistent Effects of Maternal Smoking during Pregnancy on Lung Function and Asthma in Adolescents. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 401-407.	2.5	102
83	Prenatal adverse life events increase the risk for atopic diseases in children, which is enhanced in the absence of a maternal atopic predisposition. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 160-169.e7.	1.5	100
84	Plasma corticosterone concentrations in the perinatal rat. <i>Biochemical Journal</i> , 1968, 108, 339-341.	3.2	98
85	T-cell "priming" against environmental allergens in human neonates: sequential deletion of food antigen reactivity during infancy with concomitant expansion of responses to ubiquitous inhalant allergens. <i>Pediatric Allergy and Immunology</i> , 1995, 6, 85-90.	1.1	97
86	Airways Inflammation, Atopy, and (1 → 3)-β-D-Glucan Exposures in Two Schools. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 1685-1687.	2.5	97
87	Febrile respiratory illnesses in infancy and atopy are risk factors for persistent asthma and wheeze. <i>European Respiratory Journal</i> , 2012, 39, 876-882.	3.1	97
88	Primary allergic sensitization to environmental antigens: perinatal T cell priming as a determinant of responder phenotype in adulthood. <i>Journal of Experimental Medicine</i> , 1996, 183, 1297-1301.	4.2	95
89	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020, 16, e1008718.	1.5	95
90	Regulation of IgE production in pre-sensitized animals: in vivo elimination of alveolar macrophages preferentially increases IgE responses to inhaled allergen*. <i>Clinical and Experimental Allergy</i> , 1992, 22, 1107-1114.	1.4	94

#	ARTICLE	IF	CITATIONS
91	CpG methylation patterns in the IFN γ promoter in naive T cells: Variations during Th1 and Th2 differentiation and between atopics and non-atopics. <i>Pediatric Allergy and Immunology</i> , 2006, 17, 557-564.	1.1	94
92	Effect of Cigarette Smoking on Primary and Secondary Humoral Responses of Mice. <i>Nature</i> , 1973, 243, 240-241.	13.7	90
93	The L.A.I. microtest: A rapid and sensitive procedure for the demonstration of cell-mediated immunity in vitro. <i>Journal of Immunological Methods</i> , 1975, 8, 277-288.	0.6	89
94	Fish Oil Supplementation in Pregnancy Modifies Neonatal Progenitors at Birth in Infants at Risk of Atopy. <i>Pediatric Research</i> , 2005, 57, 276-281.	1.1	89
95	Airway Epithelial Cells Regulate the Functional Phenotype of Locally Differentiating Dendritic Cells: Implications for the Pathogenesis of Infectious and Allergic Airway Disease. <i>Journal of Immunology</i> , 2009, 182, 72-83.	0.4	89
96	Developing Patterns of T Cell Memory to Environmental Allergens in the First Two Years of Life. <i>International Archives of Allergy and Immunology</i> , 1997, 113, 75-79.	0.9	88
97	Th2-Associated Local Reactions to the Acellular Diphtheria-Tetanus-Pertussis Vaccine in 4- to 6-Year-Old Children. <i>Infection and Immunity</i> , 2005, 73, 8130-8135.	1.0	87
98	Support for 2 variants of eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1067-1072.	1.5	87
99	Interactions between RSV Infection, Asthma, and Atopy. <i>Journal of Experimental Medicine</i> , 2002, 196, 1271-1275.	4.2	86
100	Maternal Vitamin D Levels and the Autism Phenotype Among Offspring. <i>Journal of Autism and Developmental Disorders</i> , 2013, 43, 1495-1504.	1.7	86
101	Induction of Adjuvant-Independent IgE Responses in Inbred Mice: Primary, Secondary, and Persistent IgE Responses to Ovalbumin and Ovomucoid. <i>International Archives of Allergy and Immunology</i> , 1981, 65, 42-50.	0.9	84
102	Inhibitory Activity of Unstimulated Alveolar Macrophages on T-Lymphocyte Blastogenic Response. <i>The American Review of Respiratory Disease</i> , 1978, 118, 791-793.	2.9	82
103	Toll-like receptor 7 function is reduced in adolescents with asthma. <i>European Respiratory Journal</i> , 2010, 35, 64-71.	3.1	82
104	Low maternal serum vitamin D during pregnancy and the risk for postpartum depression symptoms. <i>Archives of Women's Mental Health</i> , 2014, 17, 213-219.	1.2	82
105	Suppression of IgE responses in inbred rats by repeated respiratory tract exposure to antigen: Responder phenotype influences isotype specificity of induced tolerance. <i>European Journal of Immunology</i> , 1984, 14, 893-897.	1.6	79
106	The ELISA-plaque assay for the detection and enumeration of antibody-secreting cells. <i>Journal of Immunological Methods</i> , 1986, 87, 37-44.	0.6	79
107	Suppression of IgE responses following inhalation of antigen. <i>Trends in Immunology</i> , 1987, 8, 14-15.	7.5	78
108	Parasites, atopy, and the hygiene hypothesis: resolution of a paradox?. <i>Lancet</i> , The, 2000, 356, 1699-1701.	6.3	78

#	ARTICLE	IF	CITATIONS
109	Mechanism of induction of tyrosine aminotransferase in neonatal rat liver. <i>Biochemistry</i> , 1969, 8, 1429-1437.	1.2	77
110	Dendritic Cell Immaturity during Infancy Restricts the Capacity To Express Vaccine-Specific T-Cell Memory. <i>Infection and Immunity</i> , 2006, 74, 1106-1112.	1.0	77
111	Gene-vitamin D interactions on food sensitization: a prospective birth cohort study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1442-1448.	2.7	77
112	Regulation of T-cell activation in the lung: alveolar macrophages induce reversible T-cell anergy in vitro associated with inhibition of interleukin-2 receptor signal transduction. <i>Immunology</i> , 1996, 87, 250-258.	2.0	76
113	Vitamin D over the first decade and susceptibility to childhood allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 472-481.e9.	1.5	76
114	Airway dendritic cells: Co-ordinators of immunological homeostasis and immunity in the respiratory tract. <i>Apmis</i> , 2003, 111, 741-755.	0.9	75
115	Microbial exposure, interferon gamma gene demethylation in naive T cells, and the risk of allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 348-353.	2.7	75
116	Lung Function, Bronchial Responsiveness, and Asthma in a Community Cohort of 6-Year-Old Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 850-854.	2.5	74
117	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. <i>Mucosal Immunology</i> , 2011, 4, 43-52.	2.7	74
118	Prophylactic use of sublingual allergen immunotherapy in high-risk children: A pilot study. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 991-993.e1.	1.5	74
119	High IFN- γ production by CD8+ T cells and early sensitization among infants at high risk of atopy. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 710-716.	1.5	73
120	Interactions between innate and adaptive immunity in asthma pathogenesis: New perspectives from studies on acute exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 963-972.	1.5	73
121	Immune tolerance and protection against allergic sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1995, 50, 34-36.	2.7	72
122	Selective Enhancement of Systemic Th1 Immunity in Immunologically Immature Rats with an Orally Administered Bacterial Extract. <i>Infection and Immunity</i> , 2001, 69, 3719-3727.	1.0	72
123	Gene polymorphisms, breast-feeding, and development of food sensitization in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 374-381.e2.	1.5	72
124	Factors affecting the premature induction of tyrosine aminotransferase in foetal rat liver. <i>Biochemical Journal</i> , 1968, 108, 333-338.	3.2	71
125	Interactions between respiratory tract infections and atopy in the aetiology of asthma. <i>European Respiratory Journal</i> , 2002, 19, 538-545.	3.1	71
126	Interaction Between Adaptive and Innate Immune Pathways in the Pathogenesis of Atopic Asthma. <i>Chest</i> , 2011, 139, 1165-1171.	0.4	70

#	ARTICLE	IF	CITATIONS
127	Plasmacytoid dendritic cells during infancy are inversely associated with childhood respiratory tract infections and wheezing. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 707-713.e2.	1.5	69
128	Modulation of airway intraepithelial dendritic cells following exposure to steroids.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995, 151, 475-481.	2.5	68
129	The value of perinatal immune responses in predicting allergic disease at 6 years of age. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003, 58, 1187-1194.	2.7	68
130	Elucidation of asthma phenotypes in atopic teenagers through parallel immunophenotypic and clinical profiling. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 463-470.e16.	1.5	68
131	Virus infection and allergy in the development of asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 151-157.	1.1	67
132	Cellular immune responses to ovalbumin and house dust mite in egg-allergic children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 207-214.	2.7	66
133	Neonatal interleukin-12 capacity is associated with variations in allergen-specific immune responses in the neonatal and postnatal periods. <i>Clinical and Experimental Allergy</i> , 2003, 33, 566-572.	1.4	66
134	Sensitization to airborne environmental allergens: unresolved issues. <i>Nature Immunology</i> , 2005, 6, 957-960.	7.0	65
135	Prevention of allergic respiratory disease in infants: current aspects and future perspectives. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2007, 7, 547-555.	1.1	65
136	Allergen-enhanced thrombomodulin (blood dendritic cell antigen 3, CD141) expression on dendritic cells is associated with a TH2-skewed immune response. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 209-216.e4.	1.5	65
137	Staphylococcal enterotoxin induced IL-5 stimulation as a cofactor in the pathogenesis of atopic disease: the hygiene hypothesis in reverse?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003, 58, 252-256.	2.7	64
138	World Allergy Organization Guidelines for Prevention of Allergy and Allergic Asthma. <i>International Archives of Allergy and Immunology</i> , 2004, 135, 83-92.	0.9	64
139	Atopy, eczema and breast milk fatty acids in a high-risk cohort of children followed from birth to 5 yr. <i>Pediatric Allergy and Immunology</i> , 2006, 17, 4-10.	1.1	64
140	Distinguishing benign from pathologic TH2 immunity in atopic children. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 379-387.	1.5	64
141	Environment and development of atopy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2005, 5, 167-172.	1.1	63
142	Long-lived IgE- and IgG-secreting cells in rodents manifesting persistent antibody responses. <i>Cellular Immunology</i> , 1984, 89, 281-289.	1.4	62
143	Antibiotic use in the first year of life and risk of atopic disease in early childhood. <i>Clinical and Experimental Allergy</i> , 2008, 38, 1921-1928.	1.4	62
144	Infections and the development of allergy. <i>Toxicology Letters</i> , 1996, 86, 205-210.	0.4	61

#	ARTICLE	IF	CITATIONS
145	Developmental patterns in the nasopharyngeal microbiome during infancy are associated with asthma risk. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1683-1691.	1.5	61
146	Multiple forms of tyrosine aminotransferase in rat liver and their hormonal induction in the neonate. <i>FEBS Letters</i> , 1969, 5, 89-91.	1.3	60
147	Assessing the strength of evidence for a causal effect of respiratory syncytial virus lower respiratory tract infections on subsequent wheezing illness: a systematic review and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2020, 8, 795-806.	5.2	60
148	Development of immunologic memory against tetanus toxoid and pertactin antigens from the diphtheria-tetanus-pertussis vaccine in atopic versus nonatopic children. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 105, 1117-1122.	1.5	58
149	Drug development strategies for asthma: in search of a new paradigm. <i>Nature Immunology</i> , 2004, 5, 695-698.	7.0	57
150	Pulmonary Dendritic Cells in Local Immunity to Inert and Pathogenic Antigens in the Respiratory Tract. <i>Proceedings of the American Thoracic Society</i> , 2005, 2, 116-120.	3.5	57
151	Ovalbumin-sensitized mice are good models for airway hyperresponsiveness but not acute physiological responses to allergen inhalation. <i>Clinical and Experimental Allergy</i> , 2008, 38, 829-838.	1.4	57
152	Interleukin-10/Interleukin-5 Responses at Birth Predict Risk for Respiratory Infections in Children with Atopic Family History. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 205-211.	2.5	57
153	CFTR-dependent defect in alternatively-activated macrophages in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 475-482.	0.3	57
154	Cellular Immunity in Mice Chronically Exposed to Fresh Cigarette Smoke. <i>Archives of Environmental Health</i> , 1973, 27, 372-375.	0.4	55
155	Cell-Mediated Immune Responses to Transplanted Tumors in Mice Chronically Exposed to Cigarette Smoke 2. <i>Journal of the National Cancer Institute</i> , 1975, 55, 1129-1134.	3.0	55
156	Immunological function in mice chronically exposed to nitrogen oxides (NOx). <i>Environmental Research</i> , 1979, 19, 154-162.	3.7	55
157	The effect of cigarette smoking on susceptibility to epidemic influenza and on serological responses to live attenuated and killed subunit influenza vaccines. <i>The Journal of Hygiene</i> , 1976, 77, 409-417.	1.0	54
158	Occurrence and management of acute respiratory illnesses in early childhood. <i>Journal of Paediatrics and Child Health</i> , 2007, 43, 139-146.	0.4	54
159	Low serum 25-hydroxyvitamin D concentrations associate with non-alcoholic fatty liver disease in adolescents independent of adiposity. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 1215-1222.	1.4	54
160	Recovery of immune system after cigarette smoking. <i>Nature</i> , 1974, 248, 358-359.	13.7	53
161	Steroids inhibit uptake and/or processing but not presentation of antigen by airway dendritic cells. <i>Immunology</i> , 1997, 91, 145-150.	2.0	53
162	Allergic Airways Disease Develops after an Increase in Allergen Capture and Processing in the Airway Mucosa. <i>Journal of Immunology</i> , 2007, 179, 5748-5759.	0.4	53

#	ARTICLE	IF	CITATIONS
163	(1 → 3)-β-D-Glucan and endotoxin modulate immune response to inhaled allergen. <i>Mediators of Inflammation</i> , 1998, 7, 105-110.	1.4	52
164	Sublingual allergen administration. I. Selective suppression of IgE production in rats by high allergen doses. <i>Clinical and Experimental Allergy</i> , 1988, 18, 229-234.	1.4	51
165	Characterization of Dendritic Cell Populations in the Respiratory Tract. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2000, 13, 361-367.	1.2	51
166	The biology of airway dendritic cells. <i>Immunology and Cell Biology</i> , 1995, 73, 405-413.	1.0	50
167	Influence of Mucosal Adjuvants on Antigen Passage and CD4+ T Cell Activation during the Primary Response to Airborne Allergen. <i>Journal of Immunology</i> , 2006, 177, 913-924.	0.4	49
168	Alveolar macrophages. <i>Cellular Immunology</i> , 1980, 50, 210-215.	1.4	48
169	Dendritic Cells and Macrophages in Lung Allografts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 1349-1354.	2.5	48
170	Maternal Antibodies to Pneumolysin but Not to Pneumococcal Surface Protein A Delay Early Pneumococcal Carriage in High-Risk Papua New Guinean Infants. <i>Vaccine Journal</i> , 2009, 16, 1633-1638.	3.2	48
171	Antibacterial antibody responses associated with the development of asthma in house dust mite-sensitized and non-sensitized children. <i>Thorax</i> , 2012, 67, 321-327.	2.7	48
172	Rapid recruitment of CD14+ monocytes in experimentally induced allergic rhinitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1872-1881.e12.	1.5	48
173	<i>Streptococcus pneumoniae</i> colonization of the nasopharynx is associated with increased severity during respiratory syncytial virus infection in young children. <i>Respirology</i> , 2018, 23, 220-227.	1.3	48
174	A Calcium-Citro-Phosphate Technique for the Histochemical Localization of Myosin ATPase. <i>Biotechnic & Histochemistry</i> , 1972, 47, 277-281.	0.4	47
175	T cell activation genes differentially expressed at birth in CD4 ⁺ T cells from children who develop IgE food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 191-200.	2.7	47
176	Genome-wide association study of vitamin D levels in children: replication in the Western Australian Pregnancy Cohort (Raine) study. <i>Genes and Immunity</i> , 2014, 15, 578-583.	2.2	47
177	T regulatory cells in childhood asthma. <i>Trends in Immunology</i> , 2011, 32, 420-427.	2.9	45
178	Cell Recruitment into Lung Wall and Airways of Conventional and Pathogen-free Guinea Pigs after Inhalation of Endotoxin. <i>The American Review of Respiratory Disease</i> , 1989, 139, 1356-1360.	2.9	44
179	The role of dendritic cells in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2004, 4, 39-44.	1.1	44
180	Identification of Novel Th2-Associated Genes in T Memory Responses to Allergens. <i>Journal of Immunology</i> , 2006, 176, 4766-4777.	0.4	44

#	ARTICLE	IF	CITATIONS
181	Th2-polarisation of cellular immune memory to neonatal pertussis vaccination. <i>Vaccine</i> , 2010, 28, 2648-2652.	1.7	44
182	Relationship of asthma, atopy, and bronchial responsiveness to serum eosinophil cationic proteins in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1040-1045.	1.5	43
183	Role of innate immunity in the development of allergy and asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2011, 11, 127-131.	1.1	43
184	Hospitalisation for bronchiolitis in infants is more common after elective caesarean delivery. <i>Archives of Disease in Childhood</i> , 2012, 97, 410-414.	1.0	43
185	The mechanism or mechanisms driving atopic asthma initiation: The infant respiratory microbiome moves to center stage. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 15-22.	1.5	43
186	Tolerance Induction via Antigen Inhalation: Isotype Specificity, Stability, and Involvement of Suppressor T Cells. <i>International Archives of Allergy and Immunology</i> , 1982, 67, 155-160.	0.9	41
187	Functional studies on dendritic cells in the respiratory tract and related mucosal tissues. <i>Journal of Leukocyte Biology</i> , 1999, 66, 272-275.	1.5	41
188	Safety and Immunogenicity of Neonatal Pneumococcal Conjugate Vaccination in Papua New Guinean Children: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e56698.	1.1	41
189	Defective Respiratory Tract Immune Surveillance in Asthma. <i>Chest</i> , 2014, 145, 370-378.	0.4	41
190	Kinetics and distribution of antigen-specific IgE-secreting cells during the primary antibody response in the rat.. <i>Journal of Experimental Medicine</i> , 1983, 157, 2178-2183.	4.2	40
191	Paediatric origins of adult lung diseases bullet 2: Prevention of adult asthma by early intervention during childhood: potential value of new generation immunomodulatory drugs. <i>Thorax</i> , 2000, 55, 700-703.	2.7	40
192	Isoforms of the Major Peanut Allergen Ara h 2: IgE Binding in Children with Peanut Allergy. <i>International Archives of Allergy and Immunology</i> , 2004, 135, 101-107.	0.9	40
193	Soothing signals: transplacental transmission of resistance to asthma and allergy. <i>Journal of Experimental Medicine</i> , 2009, 206, 2861-2864.	4.2	40
194	Humoral Immune Response of Mice With Long-Term Exposure to Cigarette Smoke. <i>Archives of Environmental Health</i> , 1975, 30, 78-80.	0.4	39
195	ALVEOLAR MACROPHAGES: FUNCTIONAL HETEROGENEITY WITHIN MACROPHAGE POPULATIONS FROM RAT LUNG. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1982, 60, 607-618.	0.7	39
196	The Airway Epithelium as Immune Modulator. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 28, 641-644.	1.4	39
197	Ontogeny of Toll-Like and NOD-Like Receptor-Mediated Innate Immune Responses in Papua New Guinean Infants. <i>PLoS ONE</i> , 2012, 7, e36793.	1.1	39
198	Regulation of Tâ€cell activation in the lung: isolated lung T cells exhibit surface phenotypic characteristics of recent activation including downâ€modulated Tâ€cell receptors, but are locked into the G 0 /G 1 phase of the cell cycle. <i>Immunology</i> , 1996, 87, 242-249.	2.0	38

#	ARTICLE	IF	CITATIONS
199	Modification of Acute and Late-Phase Allergic Responses to Ovalbumin with Lipopolysaccharide. <i>International Archives of Allergy and Immunology</i> , 2002, 129, 119-128.	0.9	38
200	Neonatal pneumococcal conjugate vaccine immunization primes T cells for preferential Th2 cytokine expression: A randomized controlled trial in Papua New Guinea. <i>Vaccine</i> , 2009, 27, 1340-1347.	1.7	38
201	Allergen-specific IgG antibody levels modify the relationship between allergen-specific IgE and wheezing in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1480-1485.	1.5	38
202	Differential gene network analysis for the identification of asthma-associated therapeutic targets in allergen-specific T-helper memory responses. <i>BMC Medical Genomics</i> , 2016, 9, 9.	0.7	38
203	Effect of Influenza Virus Infection on Allergic Sensitization to Inhaled Antigen in Mice. <i>International Archives of Allergy and Immunology</i> , 1988, 86, 121-123.	0.9	37
204	Human Bronchial Epithelium Controls TH2 Responses by TH1-Induced, Nitric Oxide-Mediated STAT5 Dephosphorylation: Implications for the Pathogenesis of Asthma. <i>Journal of Immunology</i> , 2005, 175, 2715-2720.	0.4	37
205	Neonatal innate cytokine responses to BCG controlling T-cell development vary between populations. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 544-550.e2.	1.5	37
206	Raised serum IgE associated with reduced responsiveness to DPT vaccination during infancy. <i>Lancet</i> , The, 1998, 351, 1489.	6.3	36
207	Allergen-induced cytokine secretion in relation to atopic symptoms and immunoglobulin E and immunoglobulin G subclass antibody responses. <i>Pediatric Allergy and Immunology</i> , 1999, 10, 168-177.	1.1	36
208	Tracking of vitamin D status from childhood to early adulthood and its association with peak bone mass. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 276-283.	2.2	36
209	Development of Alterations in the Primary Immune Response of Mice by Exposure to Fresh Cigarette Smoke. <i>International Archives of Allergy and Immunology</i> , 1974, 46, 481-486.	0.9	35
210	Suppression of T-cell activation by pulmonary alveolar macrophages: dissociation of effects on TcR, IL-2R expression, and proliferation. <i>European Respiratory Journal</i> , 1994, 7, 2124-2130.	3.1	35
211	Lipopolysaccharide Inhibits the Late-Phase Response to Allergen by Altering Nitric Oxide Synthase Activity and Interleukin-10. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 24, 640-646.	1.4	35
212	Thymic Indoleamine 2,3-Dioxygenase-Positive Eosinophils in Young Children. <i>American Journal of Pathology</i> , 2009, 175, 2043-2052.	1.9	35
213	Developmental regulation of type 1 and type 3 interferon production and risk for infant infections and asthma development. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1176-1182.e5.	1.5	35
214	A Network Modeling Approach to Analysis of the Th2 Memory Responses Underlying Human Atopic Disease. <i>Journal of Immunology</i> , 2009, 182, 6011-6021.	0.4	34
215	Does genetic regulation of IgE begin in utero? Evidence from TH1/TH2 gene polymorphisms and cord blood total IgE. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 1059-1067.e1.	1.5	34
216	Neonatal antigen-presenting cells are functionally more quiescent in children born under traditional compared with modern environmental conditions. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1167-1174.e10.	1.5	34

#	ARTICLE	IF	CITATIONS
217	Staphylococcal Enterotoxin-B-Mediated Stimulation of Interleukin-13 Production as a Potential Aetiologic Factor in Eczema in Infants. <i>International Archives of Allergy and Immunology</i> , 2004, 135, 306-312.	0.9	33
218	Macrophages as effectors of T suppression: T-lymphocyte-dependent macrophage-mediated suppression of mitogen-induced blastogenesis in the rat. <i>Cellular Immunology</i> , 1981, 63, 57-70.	1.4	32
219	HLA-DR expression on neonatal monocytes is associated with allergen-specific immune responses. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1202-1208.	1.5	32
220	Sensitizing and Th2 Adjuvant Activity of Cysteine Protease Allergens. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 347-358.	0.9	32
221	Enumeration of human immunoglobulin-secreting cells by the ELISA-plaque method: IgE and IgG isotypes. <i>Clinical Immunology and Immunopathology</i> , 1984, 30, 159-164.	2.1	31
222	Maternal Influence on IgG Subclass Antibodies to Bet v 1 during the First 18 Months of Life as Detected with a Sensitive ELISA. <i>International Archives of Allergy and Immunology</i> , 1997, 114, 175-184.	0.9	31
223	Role of Alveolar Macrophages in Innate Immunity in Neonates. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 652-661.	1.4	31
224	Pneumococcal conjugate vaccination at birth in a high-risk setting: No evidence for neonatal T-cell tolerance. <i>Vaccine</i> , 2011, 29, 5414-5420.	1.7	31
225	The intersect of genetics, environment, and microbiota in asthma—perspectives and challenges. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 781-793.	1.5	31
226	Cigarette smoke and phagocyte function: effect of chronic exposure in vivo and acute exposure in vitro. <i>Infection and Immunity</i> , 1978, 20, 468-475.	1.0	31
227	Selective inhibition of T cell proliferation but not expression of effector function by human alveolar macrophages. <i>Thorax</i> , 1997, 52, 786-795.	2.7	30
228	The pattern of methacholine responsiveness in mice is dependent on antigen challenge dose. <i>Respiratory Research</i> , 2004, 5, 15.	1.4	30
229	ELISA plaque assay for the detection of antibody secreting cells: Observations on the nature of the solid phase and on variations in plaque diameter. <i>Journal of Immunological Methods</i> , 1984, 74, 1-7.	0.6	29
230	Specific patterns of responsiveness to microbial antigens staphylococcal enterotoxin B and purified protein derivative by cord blood mononuclear cells are predictive of risk for development of atopic dermatitis. <i>Clinical and Experimental Allergy</i> , 2003, 33, 435-441.	1.4	29
231	Early-onset atopy is associated with enhanced lymphocyte cytokine responses in 11-year-old children. <i>Clinical and Experimental Allergy</i> , 2007, 37, 371-380.	1.4	29
232	Acute Effects of Cigarette Smoke on Murine Macrophages. <i>Archives of Environmental Health</i> , 1973, 26, 300-304.	0.4	28
233	The role of genetic and environmental factors in the development of T-cell mediated allergic disease in early life. <i>Paediatric Respiratory Reviews</i> , 2004, 5, S27-S30.	1.2	28
234	Timing of routine infant vaccinations and risk of food allergy and eczema at one year of age. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 541-549.	2.7	28

#	ARTICLE	IF	CITATIONS
235	Personalized Transcriptomics Reveals Heterogeneous Immunophenotypes in Children with Viral Bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1537-1549.	2.5	28
236	Parental smoking impairs vaccine responses in children with atopic genotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 366-374.	1.5	27
237	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 4856-4869.	3.9	27
238	The CD200-CD200R axis in local control of lung inflammation. <i>Nature Immunology</i> , 2008, 9, 1011-1013.	7.0	26
239	Prenatal versus postnatal priming of allergen specific immunologic memory: The debate continues. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 717-718.	1.5	26
240	Differences in the antibody response to a mucosal bacterial antigen between allergic and non-allergic subjects Smoke-free legislation reduces exposure in children. <i>Thorax</i> , 2008, 63, 221-227.	2.7	26
241	Non-atopic intrinsic asthma and the "family tree" of chronic respiratory disease syndromes. <i>Clinical and Experimental Allergy</i> , 2009, 39, 807-811.	1.4	26
242	The Hygiene Hypothesis Revisited: Role of Materno-Fetal Interactions. <i>Current Allergy and Asthma Reports</i> , 2010, 10, 444-452.	2.4	26
243	Functionally mature virus-specific CD8+ T memory cells in congenitally infected newborns: proof of principle for neonatal vaccination?. <i>Journal of Clinical Investigation</i> , 2003, 111, 1645-1647.	3.9	26
244	Induction of aryl hydrocarbon hydroxylase in the lungs of mice in response to cigarette smoke. <i>Experientia</i> , 1973, 29, 1004-1004.	1.2	25
245	Regulation of IgE Responses to Inhaled Antigens: Cellular Mechanisms Underlying Allergic Sensitization versus Tolerance Induction. <i>International Archives of Allergy and Immunology</i> , 1991, 94, 78-82.	0.9	25
246	"Bystander" amplification of PBMC cytokine responses to seasonal allergen in polysensitized atopic children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001, 56, 1042-1048.	2.7	25
247	Gender-specific effects of cytokine gene polymorphisms on childhood vaccine responses. <i>Vaccine</i> , 2008, 26, 3574-3579.	1.7	25
248	Risk factors for bronchial hyperresponsiveness in teenagers differ with sex and atopic status. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 301-307.e1.	1.5	25
249	Vitamin D status and predictors of serum 25-hydroxyvitamin D concentrations in Western Australian adolescents. <i>British Journal of Nutrition</i> , 2014, 112, 1154-1162.	1.2	25
250	Targeting maternal immune function during pregnancy for asthma prevention in offspring: Harnessing the "farm effect". <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 270-272.	1.5	25
251	Suppression of IgE responses by passive antigen inhalation: Dissociation of local (mucosal) and systemic immunity. <i>Cellular Immunology</i> , 1987, 104, 434-439.	1.4	24
252	Origin and steady-state turnover of major histocompatibility complex Class II-positive dendritic cells and resident-tissue macrophages in the iris of the rat eye. <i>Journal of Neuroimmunology</i> , 1996, 68, 67-76.	1.1	24

#	ARTICLE	IF	CITATIONS
253	Exposure to environmental tobacco smoke in cars increases the risk of persistent wheeze in adolescents. <i>Medical Journal of Australia</i> , 2007, 186, 322-322.	0.8	24
254	Primary prevention of severe lower respiratory illnesses in at-risk infants using the immunomodulator OM-85. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 870-872.e11.	1.5	24
255	Improved method for the isolation of purified mouse peritoneal macrophages. <i>Journal of Immunological Methods</i> , 1981, 43, 169-173.	0.6	23
256	Breast is best for preventing asthma and allergies” or is it?. <i>Lancet, The</i> , 2002, 360, 887-888.	6.3	23
257	Reciprocal patterns of allergen-induced GATA-3 expression in peripheral blood mononuclear cells from atopics vs. non-atopics. <i>Clinical and Experimental Allergy</i> , 2002, 32, 97-106.	1.4	23
258	Airway hyperresponsiveness is associated with activated CD4 ⁺ T cells in the airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L373-L379.	1.3	23
259	Low-Tar and High-Tar Cigaretters. <i>Archives of Environmental Health</i> , 1976, 31, 258-265.	0.4	22
260	Adjuvant Costimulation during Secondary Antigen Challenge Directs Qualitative Aspects of Oral Tolerance Induction, Particularly during the Neonatal Period. <i>Journal of Immunology</i> , 2004, 172, 2274-2285.	0.4	22
261	Downregulation of IgE antibody and allergic responses in the lung by epidermal biolistic microparticle delivery. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 275-282.	1.5	22
262	Th2 cytokines in the asthma late-phase response. <i>Lancet, The</i> , 2007, 370, 1396-1398.	6.3	22
263	Systems biology and big data in asthma and allergy: recent discoveries and emerging challenges. <i>European Respiratory Journal</i> , 2020, 55, 1900844.	3.1	22
264	Neonatal genetics of gene expression reveal potential origins of autoimmune and allergic disease risk. <i>Nature Communications</i> , 2020, 11, 3761.	5.8	22
265	Immune function during early adolescence positively predicts adult facial sexual dimorphism in both men and women. <i>Evolution and Human Behavior</i> , 2020, 41, 199-209.	1.4	22
266	Trajectories of childhood immune development and respiratory health relevant to asthma and allergy. <i>ELife</i> , 2018, 7, .	2.8	22
267	IgE and mucosal immunity: Studies on the role of intraepithelial Ia ⁺ Dendritic Cells and gamma/delta T-Lymphocytes in regulation of T-cell activation in the lung. <i>Clinical and Experimental Allergy</i> , 1991, 21, 148-152.	1.4	21
268	Development of bronchus associated lymphoid tissue (BALT) in human lung disease: a normal host defence mechanism awaiting therapeutic exploitation?. <i>Thorax</i> , 1993, 48, 1097-1098.	2.7	21
269	ONTOGENY OF RAT PULMONARY ALVEOLAR MACROPHAGE FUNCTION: EVIDENCE FOR A SELECTIVE DEFICIENCY IN IL-10 AND NITRIC OXIDE PRODUCTION BY NEWBORN ALVEOLAR MACROPHAGES. <i>Cytokine</i> , 2001, 15, 53-57.	1.4	21
270	Developmental factors associated with risk for atopic disease: implications for vaccine strategies in early childhood. <i>Vaccine</i> , 2003, 21, 3432-3435.	1.7	21

#	ARTICLE	IF	CITATIONS
271	Cytokine responses to allergens during the first 2 years of life in Estonian and Swedish children. <i>Clinical and Experimental Allergy</i> , 2006, 36, 619-628.	1.4	21
272	A genomics-based approach to assessment of vaccine safety and immunogenicity in children. <i>Vaccine</i> , 2012, 30, 1865-1874.	1.7	21
273	Acute Laryngitis in the Rat Induced by <i>Moraxella catarrhalis</i> and <i>Bordetella pertussis</i> : Number of Neutrophils, Dendritic Cells, and T and B Lymphocytes Accumulating during Infection in the Laryngeal Mucosa Strongly Differs in Adjacent Locations. <i>Pediatric Research</i> , 1999, 46, 760-760.	1.1	21
274	A modified histochemical technique for sarcoplasmic reticular ATPase. <i>Histochemie Histochemistry Histochimie</i> , 1972, 30, 329-333.	1.3	20
275	Development of Two Manifestations of T-Lymphocyte Reactivity During Tumor Growth: Altered Kinetics Associated With Elevated Growth Rates ² . <i>Journal of the National Cancer Institute</i> , 1975, 55, 1135-1142.	3.0	20
276	Interstitial and free lung cells in acute inflammation in the guinea-pig. <i>Agents and Actions</i> , 1987, 22, 261-269.	0.7	20
277	Whole-Cell Pertussis Vaccination and Decreased Risk of IgE-Mediated Food Allergy: A Nested Case-Control Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2004-2014.	2.0	20
278	Airway Epithelial Cells Condition Dendritic Cells to Express Multiple Immune Surveillance Genes. <i>PLoS ONE</i> , 2012, 7, e44941.	1.1	19
279	Environmental Microbial Exposure and Protection against Asthma. <i>New England Journal of Medicine</i> , 2015, 373, 2576-2578.	13.9	19
280	The Effect of a Low Protein Diet on the Immunogenic Activity of Murine Peritoneal Macrophages. <i>International Archives of Allergy and Immunology</i> , 1982, 67, 356-361.	0.9	18
281	Resident tissue macrophages within the normal rat iris lack immunosuppressive activity and are effective antigen-presenting cells. <i>Ocular Immunology and Inflammation</i> , 2000, 8, 177-187.	1.0	18
282	Enhancement of vaccine-specific cellular immunity in infants by passively acquired maternal antibody. <i>Vaccine</i> , 2004, 22, 3986-3992.	1.7	18
283	Cord blood hemopoietic progenitor profiles predict acute respiratory symptoms in infancy. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 239-247.	1.1	18
284	Serum 25-hydroxyvitamin D concentrations and cardiometabolic risk factors in adolescents and young adults. <i>British Journal of Nutrition</i> , 2016, 115, 1994-2002.	1.2	18
285	Persistent activation of interlinked type 2 airway epithelial gene networks in sputum-derived cells from aeroallergen-sensitized symptomatic asthmatics. <i>Scientific Reports</i> , 2018, 8, 1511.	1.6	18
286	The Growth of Transplanted Tumours in Mice after Chronic Inhalation of Fresh Cigarette Smoke. <i>British Journal of Cancer</i> , 1974, 30, 459-462.	2.9	17
287	Persistent IgE-Secreting Cells which Are Refractory to T-Cell Control. <i>International Archives of Allergy and Immunology</i> , 1985, 77, 45-46.	0.9	17
288	Inflammation in organic dust-induced lung disease: New approaches for research into underlying mechanisms. <i>American Journal of Industrial Medicine</i> , 1990, 17, 47-54.	1.0	17

#	ARTICLE	IF	CITATIONS
289	Regulation of Cytokine Production in T-Cell Responses to Inhalant Allergen:GATA-3 Expression Distinguishesbetween Th1- and Th2-Polarized Immunity. International Archives of Allergy and Immunology, 2001, 124, 176-179.	0.9	17
290	Early Immunological Influences. , 2004, 84, 102-127.		17
291	Pathogenic Mechanisms of Allergic Inflammation : Atopic Asthma as a Paradigm. Advances in Immunology, 2009, 104, 51-113.	1.1	17
292	Transplacental Innate Immune Training via Maternal Microbial Exposure: Role of XBP1-ERN1 Axis in Dendritic Cell Precursor Programming. Frontiers in Immunology, 2020, 11, 601494.	2.2	17
293	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. Nature Communications, 2021, 12, 6618.	5.8	17
294	Functional analysis of human bronchial mucosal T cells extracted with interleukin-2.. American Journal of Respiratory and Critical Care Medicine, 1994, 149, 1608-1613.	2.5	16
295	Immunobiology of dendritic cells in the respiratory tract: steady-state and inflammatory sentinels?. Toxicology Letters, 1998, 102-103, 323-329.	0.4	16
296	Expression of and responses to CD2 and CD3 in 18-month-old children with and without atopic dermatitis. Pediatric Allergy and Immunology, 2000, 11, 175-182.	1.1	16
297	Epithelialâ€“dendritic cell interactions in allergic disorders. Current Opinion in Immunology, 2010, 22, 789-794.	2.4	16
298	Elucidation of Pathways Driving Asthma Pathogenesis: Development of a Systems-Level Analytic Strategy. Frontiers in Immunology, 2014, 5, 447.	2.2	16
299	Basophil counts in PBMC populations during childhood acute wheeze/asthma are associated with future exacerbations. Journal of Allergy and Clinical Immunology, 2018, 142, 1639-1641.e5.	1.5	16
300	Oestrogen amplifies preâ€“existing atopyâ€“associated Th2 bias in an experimental asthma model. Clinical and Experimental Allergy, 2020, 50, 391-400.	1.4	16
301	Cigarette smoke inhalation: Effects on cells of the immune series in the murine lung. Life Sciences, 1973, 12, 377-383.	2.0	15
302	Local and Systemic Immune Response of Mice after Intratracheal and Intravenous Inoculations of Sheep Erythrocytes. International Archives of Allergy and Immunology, 1974, 46, 487-497.	0.9	15
303	Macrophage: dendritic cell interaction in regulation of the IgE response in asthma. Clinical and Experimental Allergy, 1993, 23, 4-6.	1.4	15
304	Failure of MHC class II expression in neonatal alveolar macrophages: potential role of class II transactivator. European Journal of Immunology, 2001, 31, 2347-2356.	1.6	15
305	The increase in allergic disease: environment and susceptibility. Proceedings of a Symposium held at the Royal Society of Edinburgh, 4th June 2002. Clinical and Experimental Allergy, 2003, 33, 394-406.	1.4	15
306	Persistent and Compartmentalised Disruption of Dendritic Cell Subpopulations in the Lung following Influenza A Virus Infection. PLoS ONE, 2014, 9, e111520.	1.1	15

#	ARTICLE	IF	CITATIONS
307	Progressive increase of Fc̳RI expression across several PBMC subsets is associated with atopy and atopic asthma within school-aged children. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 646-653.	1.1	15
308	Fractionation of rat liver tyrosine aminotransferase during the course of purification. Further evidence for multiple forms of the enzyme. <i>FEBS Letters</i> , 1970, 6, 46-48.	1.3	14
309	Expression of the T-Cell Markers CD3, CD4 and CD8 in Healthy and Atopic Children during the First 18 Months of Life. <i>International Archives of Allergy and Immunology</i> , 1999, 119, 6-12.	0.9	14
310	̳T cells provide a breath of fresh air for asthma research. <i>Nature Medicine</i> , 1999, 5, 1127-1128.	15.2	14
311	Primary sensitization to inhalant allergens. <i>Pediatric Allergy and Immunology</i> , 2000, 11, 9-11.	1.1	14
312	Restricted Aeroallergen Access to Airway Mucosal Dendritic Cells In Vivo Limits Allergen-Specific CD4+ T Cell Proliferation during the Induction of Inhalation Tolerance. <i>Journal of Immunology</i> , 2011, 187, 4561-4570.	0.4	14
313	A novel role for interleukin-1 receptor signaling in the developmental regulation of immune responses to endotoxin. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 567-572.	1.1	14
314	Comparison of neonatal T regulatory cell function in Papua New Guinean and Australian newborns. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 173-180.	1.1	14
315	Anti-infective proteins in breast milk and asthma-associated phenotypes during early childhood. <i>Pediatric Allergy and Immunology</i> , 2014, 25, n/a-n/a.	1.1	14
316	Pregnancy Induces a Steady-State Shift in Alveolar Macrophage M1/M2 Phenotype That Is Associated With a Heightened Severity of Influenza Virus Infection: Mechanistic Insight Using Mouse Models. <i>Journal of Infectious Diseases</i> , 2019, 219, 1823-1831.	1.9	14
317	TH2-polarized immunological memory to inhalant allergens in atopics is established during infancy and early childhood. <i>Clinical and Experimental Allergy</i> , 1997, 27, 1261-1269.	1.4	14
318	Early onset of serum blocking in a murine melanoma model. <i>International Journal of Cancer</i> , 1975, 16, 607-615.	2.3	13
319	Current trends in research on the etiology and pathogenesis of byssinosis. <i>American Journal of Industrial Medicine</i> , 1987, 12, 711-716.	1.0	13
320	Relationship between cytokine expression patterns and clinical outcomes: two population-based birth cohorts. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1801-1811.	1.4	13
321	Transiently increased IgE responses in infants and pre-schoolers receiving only acellular Diphtheria-Pertussis-Tetanus (DTaP) vaccines compared to those initially receiving at least one dose of cellular vaccine (DTwP) - Immunological curiosity or canary in the mine?. <i>Vaccine</i> , 2016, 34, 4257-4262.	1.7	13
322	DIFFERENTIAL TOXICITY OF TOBACCO SMOKE TO VARIOUS CELL TYPES INCLUDING THOSE OF THE IMMUNE SYSTEM. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1974, 52, 211-214.	0.7	12
323	Dissociation of Correlates of Cellular Immunity in Man: Functional Heterogeneity within the Antigen-Reactive Cell Population?. <i>International Archives of Allergy and Immunology</i> , 1976, 51, 560-573.	0.9	12
324	Effect of Ozone Exposure on Alveolar Macrophage-Mediated Immunosuppressive Activity in Rats. <i>Toxicological Sciences</i> , 1998, 41, 217-223.	1.4	12

#	ARTICLE	IF	CITATIONS
325	Effect of Early Carriage of <i>Streptococcus pneumoniae</i> on the Development of Pneumococcal Protein-specific Cellular Immune Responses in Infancy. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 243-248.	1.1	12
326	Pulmonary Dendritic Cell Populations. <i>Advances in Experimental Medicine and Biology</i> , 1993, 329, 557-562.	0.8	12
327	Cigarette Smoking, Air Pollution, and Immunity: a Model System. <i>Infection and Immunity</i> , 1974, 10, 1226-1229.	1.0	12
328	Further histochemical properties of rabbit skeletal muscle fibres. <i>Histochemistry and Cell Biology</i> , 1973, 36, 173-183.	0.8	11
329	Suppression of allergic reactions in helminth-parasitized rats of low-IgE-responder phenotype. <i>Clinical Immunology and Immunopathology</i> , 1982, 24, 440-444.	2.1	11
330	Enumeration of antibody-secreting cells by immunoprinting: sequential readout of different antibody isotypes on individual cell monolayers employing the ELISA plaque assay. <i>Journal of Immunological Methods</i> , 1986, 93, 167-169.	0.6	11
331	Acute Laryngotracheitis in the Rat Induced by Sendai Virus: The Influx of Six Different Types of Immunocompetent Cells Into the Laryngeal Mucosa Differs Strongly Between the Subglottic and the Glottic Compartment. <i>Laryngoscope</i> , 2001, 111, 1645-1651.	1.1	11
332	Prevention – what is the most promising approach?. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 12-14.	1.1	11
333	Rewiring of gene networks underlying mite allergen-induced CD4 ⁺ T _H cell responses during immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2330-2341.	2.7	11
334	Population Dynamics and Functions of Respiratory Tract Dendritic Cells in the Rat. <i>Advances in Experimental Medicine and Biology</i> , 1995, 378, 177-181.	0.8	11
335	Protection against severe infant lower respiratory tract infections by immune training: Mechanistic studies. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 93-103.	1.5	11
336	The postnatal development of mitochondrial tyrosine aminotransferase in rat liver. <i>FEBS Letters</i> , 1970, 8, 99-100.	1.3	10
337	A histochemical analysis of mammalian oxidative skeletal muscle fibres using the enzymes of energetic metabolism. <i>Histochemistry and Cell Biology</i> , 1973, 33, 301-312.	0.8	10
338	Antibody production in mice chronically exposed to fresh cigarette smoke. <i>Experientia</i> , 1974, 30, 1469-1470.	1.2	10
339	The role of the thymus in the maintenance of natural killer cells in vivo. <i>Cellular Immunology</i> , 1985, 90, 366-377.	1.4	10
340	Cell cycle-dependent fluctuations in IgE secretion in a human myeloma line. <i>Clinical Immunology and Immunopathology</i> , 1985, 36, 212-216.	2.1	10
341	Environmental pollutants as co-factors in IgE production. <i>Current Opinion in Immunology</i> , 1988, 1, 643-646.	2.4	10
342	Assessment of the potency and potential immunomodulatory effects of the measles mumps rubella and varicella vaccine in infants. <i>Vaccine</i> , 2007, 25, 1764-1770.	1.7	10

#	ARTICLE	IF	CITATIONS
343	Antibody and Cell-mediated Immunity to Pertussis 4 Years After Monovalent Acellular Pertussis Vaccine at Birth. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 511-517.	1.1	10
344	Time spent outdoors through childhood and adolescence " assessed by 25-hydroxyvitamin D concentration " and risk of myopia at 20 years. <i>Acta Ophthalmologica</i> , 2021, 99, 679-687.	0.6	10
345	Resident tissue macrophages within the normal rat iris lack immunosuppressive activity and are effective antigen-presenting cells. <i>Ocular Immunology and Inflammation</i> , 2000, 8, 177-187.	1.0	10
346	HOST AGE DETERMINES THE EFFECTS OF HELMINTHIC PARASITE INFESTATION UPON EXPRESSION OF ALLERGIC REACTIVITY IN RATS. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1982, 60, 147-157.	0.7	9
347	Functional assessment of CD2, CD3 and CD28 on the surface of peripheral blood T-cells from infants at low versus high genetic risk for atopy. <i>Pediatric Allergy and Immunology</i> , 1995, 6, 80-84.	1.1	9
348	Dendritic Cell Influx Differs between the Subglottic and Glottic Mucosae during Acute Laryngotracheitis Induced by a Broad Spectrum of Stimuli. <i>Annals of Otolaryngology and Rhinology and Laryngology</i> , 2002, 111, 567-572.	0.6	9
349	Infection and the development of allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 13-15.	2.7	9
350	Remission of peanut allergy is associated with rewiring of allergen-driven T helper 2-related gene networks. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 0, , .	2.7	9
351	Optimal culture conditions for in vitro antigen-induced proliferation of rat lymph node cells. <i>Journal of Immunological Methods</i> , 1981, 44, 205-209.	0.6	8
352	Radiation-Resistant IgE-Secreting Cells in the Mouse: Susceptibility to Suppressor T Cells. <i>International Archives of Allergy and Immunology</i> , 1983, 71, 188-190.	0.9	8
353	Suppression of Allergic Reactivity by Intestinal Helminths: Susceptibility Is a Function of IgE Responder Phenotype. <i>International Archives of Allergy and Immunology</i> , 1985, 78, 329-331.	0.9	8
354	Induction of IgE-Secreting Cells in the Lymphatic Drainage of the Lungs of Rats following Passive Antigen Inhalation. <i>International Archives of Allergy and Immunology</i> , 1986, 79, 329-331.	0.9	8
355	Developmental Immunology and Host Defense: Kinetics of Postnatal Maturation of Immune Competence as a Potential Etiologic Factor in Early Childhood Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995, 151, S11-S13.	2.5	8
356	Sublingual immunotherapy for allergic respiratory disease. <i>Lancet, The</i> , 1998, 351, 613-614.	6.3	8
357	A method for the generation of large numbers of dendritic cells from CD34+ hematopoietic stem cells from cord blood. <i>Journal of Immunological Methods</i> , 2020, 477, 112703.	0.6	8
358	DNA synthesis in cell cultures following repeated exposure to fresh cigarette smoke. <i>Experientia</i> , 1975, 31, 109-110.	1.2	7
359	Macrophage Regulation of the IgE Response. <i>International Archives of Allergy and Immunology</i> , 1980, 63, 73-82.	0.9	7
360	Effect of Ricin on the Proliferation of Rat Spleen and Mesenteric Lymph Node Cells. <i>International Archives of Allergy and Immunology</i> , 1989, 88, 231-233.	0.9	7

#	ARTICLE	IF	CITATIONS
361	Mechanisms of ozone-induced inhibitory effect of bronchoalveolar lavage fluid on alveolar macrophage-mediated immunosuppressive activity in rats. <i>Journal of Leukocyte Biology</i> , 1999, 66, 75-82.	1.5	7
362	The Role of Airway Dendritic Cell Populations in Regulation of T-Cell Responses to Inhaled Antigens: Atopic Asthma as a Paradigm. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2002, 15, 161-168.	1.2	7
363	Severe winter asthma exacerbations can be prevented by omalizumab, but there is no carryover effect. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 703-705.e4.	1.5	7
364	Functional differences in airway dendritic cells determine susceptibility to IgE sensitization. <i>Immunology and Cell Biology</i> , 2018, 96, 316-329.	1.0	7
365	Atopy-Dependent and Independent Immune Responses in the Heightened Severity of Atopics to Respiratory Viral Infections: Rat Model Studies. <i>Frontiers in Immunology</i> , 2018, 9, 1805.	2.2	7
366	A marked shift in innate and adaptive immune response in chinese immigrants living in a western environment. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2092-2094.	2.7	7
367	Risk factors and prognosis of recurrent wheezing in Chinese young children: a prospective cohort study. <i>Allergy, Asthma and Clinical Immunology</i> , 2019, 15, 38.	0.9	7
368	OPTIMUM study protocol: an adaptive randomised controlled trial of a mixed whole-cell/acellular pertussis vaccine schedule. <i>BMJ Open</i> , 2020, 10, e042838.	0.8	7
369	Phenotypic and functional analysis of mucosal T cells isolated from tissue explants of rat upper respiratory tract. <i>Journal of Immunological Methods</i> , 1993, 160, 219-226.	0.6	6
370	Breaking the nexus between asthma and atopy. <i>Medical Journal of Australia</i> , 1998, 169, 354-355.	0.8	6
371	Developmental factors as determinants of risk for infections and atopy in childhood. <i>European Respiratory Review</i> , 2005, 14, 69-73.	3.0	6
372	Original article: Predictors of response to bronchial allergen challenge in 5- to 6-year-old atopic children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 401-407.	2.7	6
373	Mannitol challenge testing for asthma in a community cohort of young adults. <i>Respirology</i> , 2017, 22, 678-683.	1.3	6
374	Innate Immune Training for Prevention of Recurrent Wheeze in Early Childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 392-394.	2.5	6
375	Modification by soluble antigen of the immune response to mycobacterial infection. <i>Infection and Immunity</i> , 1977, 16, 904-909.	1.0	6
376	Atopic allergy and other hypersensitivities the aetiology and pathogenesis of allergic disease: new insights and new challenges. <i>Current Opinion in Immunology</i> , 1998, 10, 605-606.	2.4	5
377	Regulation of immune responses at mucosal surfaces: Allergic respiratory disease as a paradigm. <i>Immunology and Cell Biology</i> , 1998, 76, 119-124.	1.0	5
378	Mucosal Regulatory T Cells in Airway Hyperresponsiveness. <i>Chemical Immunology and Allergy</i> , 2008, 94, 40-47.	1.7	5

#	ARTICLE	IF	CITATIONS
379	Lung homing T cell generation is dependent on strength and timing of antigen delivery to lymph nodes. <i>Immunology and Cell Biology</i> , 2010, 88, 658-666.	1.0	5
380	Regulatory role of IL10 genetic variations in determining allergen-induced TH2 cytokine responses in children. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 237-239.e8.	1.5	5
381	Genetic polymorphism of <i>KIR2DL4</i> (<i>CD158d</i>), a putative <i>NK</i> cell receptor for <i>HLA-C</i> , does not influence susceptibility to asthma. <i>Tissue Antigens</i> , 2013, 82, 276-279.	1.0	5
382	Interaction between filaggrin mutations and neonatal cat exposure in atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1481-1485.	2.7	5
383	Regulation of Natural Killer Cell Activity and Interferon Production in the Rat Lung Following Aerosol Challenge. <i>International Archives of Allergy and Immunology</i> , 1985, 78, 318-325.	0.9	4
384	Environmental antigens and atopic disease: underlying mechanisms and prospects for therapy and prophylaxis. <i>Trends in Molecular Medicine</i> , 1995, 1, 292-298.	2.6	4
385	Immunoinflammatory responses to febrile lower respiratory infections in infants display uniquely complex/intense transcriptomic profiles. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1411-1413.	1.5	4
386	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. <i>Frontiers in Immunology</i> , 2021, 12, 699633.	2.2	4
387	Cord blood respiratory syncytial virus antibodies and respiratory health in first 5 years of life. <i>Pediatric Pulmonology</i> , 2021, 56, 3942-3951.	1.0	4
388	The significance of the "dilution effect" in the determination of serum creatine kinase. <i>Clinica Chimica Acta</i> , 1971, 33, 455-456.	0.5	3
389	IgE responses of malnourished mice: Immunogenic and tolerogenic effects of low-grade antigenic stimulation. <i>Clinical Immunology and Immunopathology</i> , 1983, 28, 371-382.	2.1	3
390	In vitro antibody-mediated macrophage activity on <i>Breinvia macropi</i> microfilariae. I. Adherence and cytotoxicity. <i>Parasite Immunology</i> , 1986, 8, 139-147.	0.7	3
391	Functional Heterogeneity within the Human Peripheral Blood B Cell Pool Engaged in IgE Synthesis. <i>International Archives of Allergy and Immunology</i> , 1987, 82, 394-397.	0.9	3
392	Low dose treatment of mice with bacterial extract (OM-85) for attenuation of experimental atopic asthma in mice. <i>Allergologia Et Immunopathologia</i> , 2017, 45, 310-311.	1.0	3
393	Identification and Characterization of a Dendritic Cell Precursor in Parenchymal Lung Tissue. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 353-361.	1.4	3
394	Serum modulation of in vitro cellular immune reactivity to Epstein-Barr virus-associated antigen. <i>Medical Microbiology and Immunology</i> , 1976, 162, 209-216.	2.6	2
395	Antigen Presentation by Macrophages from Adult Thymectomised Mice. <i>International Archives of Allergy and Immunology</i> , 1983, 70, 185-190.	0.9	2
396	Disease Mechanisms and Cell Biology. , 2008, , 791-804.		2

#	ARTICLE	IF	CITATIONS
397	The Developing Immune System and Allergy. , 2016, , 54-62.e7.		2
398	Cord bloodStreptococcus pneumoniae-specific cellular immune responses predict early pneumococcal carriage in high-risk infants in Papua New Guinea. Clinical and Experimental Immunology, 2017, 187, 408-417.	1.1	2
399	Pollution, climate change, and childhood asthma in Australia. Medical Journal of Australia, 2018, 208, 297-298.	0.8	2
400	Relationship Between Vitamin D Status From Childhood to Early Adulthood With Body Composition in Young Australian Adults. Journal of the Endocrine Society, 2019, 3, 563-576.	0.1	2
401	Predicting steroid responsiveness in asthmatic children: Are we there yet?. Journal of Allergy and Clinical Immunology, 2019, 143, 927-928.	1.5	2
402	Protection against neonatal respiratory viral infection via maternal treatment during pregnancy with the benign immune training agent OMâ€85. Clinical and Translational Immunology, 2021, 10, e1303.	1.7	2
403	Wholeâ€cell pertussis vaccine in early infancy for the prevention of allergy in children. The Cochrane Library, 2021, 9, CD013682.	1.5	2
404	Identification and Isolation of Rodent Respiratory Tract Dendritic Cells. Methods in Molecular Biology, 2010, 595, 249-263.	0.4	2
405	Quantification of Serum Ovalbumin-specific Immunoglobulin E Titre via in vivo Passive Cutaneous Anaphylaxis Assay. Bio-protocol, 2019, 9, e3184.	0.2	2
406	Macrophage and Dendritic Cell Populations in the Respiratory Tract. , 1995, , 1-12.		2
407	OPTIMUM study protocol: an adaptive randomised controlled trial of a mixed whole-cell/acellular pertussis vaccine schedule. BMJ Open, 2020, 10, e042838.	0.8	2
408	Auditory stress and the immune system. Journal of Sound and Vibration, 1978, 59, 131-132.	2.1	1
409	ESR spectroscopy in the study of antigen processing â€ uptake of spin-labelled antigens by macrophages. Journal of Proteomics, 1987, 14, 149-160.	2.4	1
410	11. What Are the Prospects for Immunization?. American Journal of Respiratory and Critical Care Medicine, 1996, 153, S27-S27.	2.5	1
411	Genome-wide expression profiling of T-cells in childhood wheeze. European Respiratory Journal, 2008, 32, 1138-1140.	3.1	1
412	Whole-cell pertussis vaccine in early infancy for the prevention of allergy. The Cochrane Library, 0, , .	1.5	1
413	<i>In vitro</i> antibodyâ€mediated macrophage activity on <i>Breinlia macropi</i> microfilariae. II. Ultrastructural and video recording investigations of adherence and cytotoxicity. Parasite Immunology, 1986, 8, 201-216.	0.7	0
414	Local Immunity in the Airways. The American Review of Respiratory Disease, 1992, 146, 1351-1353.	2.9	0

#	ARTICLE	IF	CITATIONS
415	Rat Models of Respiratory Inflammation. , 2000, 138, 303-309.		0
416	In utero and neonatal concerns in allergy. Current Opinion in Otolaryngology and Head and Neck Surgery, 2001, 9, 193-199.	0.8	0
417	Allergen and Antibody Mediated Desensitisation for Mucosal-Induced Respiratory Allergy. Journal of Allergy and Clinical Immunology, 2007, 119, S259.	1.5	0
418	Sensitisation and Sublingual Immunotherapy with an Activated Cysteine Protease Allergen. Journal of Allergy and Clinical Immunology, 2008, 121, S135-S135.	1.5	0
419	Early life origins of allergy and asthma. , 2012, , 51-62.		0
420	Prevention of Allergy/Asthmaâ€”New Strategies. , 2016, , 337-350.		0
421	DNA Vaccines for Allergic Diseases. , 2003, , 214-226.		0
422	Developmental Regulation of Immune Functions and Risk for Allergy and Asthma. Lung Biology in Health and Disease, 2005, , 17-41.	0.1	0
423	Early Immunological Influences on Asthma Development: Opportunities for Early Intervention. , 2009, , 347-363.		0
424	The Developing Immune System and Allergy. , 2010, , 68-80.		0
425	Th2 Cytokine Levels Distort the Association of IL-10 and IFN- γ with Allergic Phenotypes. ISRN Allergy, 2011, 2011, 1-6.	3.1	0
426	Comparison of Microplate LAI with Other in Vitro Assays of Cell-Mediated Immunity: Assessment of Responses to Bacterial, Viral, and Tumor Antigens in Man and Experimental Animals. , 1982, , 253-288.		0
427	Role of Dendritic Cells, Macrophages, and T Cells in Antigen Processing and Presentation in the Respiratory Mucosa. , 1996, , 47-53.		0
428	Early Life Ovalbumin Sensitization and Aerosol Challenge for the Induction of Allergic Airway Inflammation in a BALB/c Murine Model. Bio-protocol, 2019, 9, e3181.	0.2	0