

Patrick G Holt

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416
papers

26,559
citations

84
h-index

147
g-index

442
ext. papers

29,287
ext. citations

8
avg, IF

6.85
L-index

#	Paper	IF	Citations
416	Development of allergen-specific T-cell memory in atopic and normal children. <i>Lancet, The</i> , 1999 , 353, 196-200	4.0	737
415	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, 976-83	5.7	715
414	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, 1105-10	11.5	549
413	The infant nasopharyngeal microbiome impacts severity of lower respiratory infection and risk of asthma development. <i>Cell Host and Microbe</i> , 2015 , 17, 704-15	23.4	512
412	A solid-phase immunoenzymatic technique for the enumeration of specific antibody-secreting cells. <i>Journal of Immunological Methods</i> , 1983 , 57, 301-9	2.5	502
411	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	16.6	472
410	After asthma: redefining airways diseases. <i>Lancet, The</i> , 2018 , 391, 350-400	4.0	455
409	Fish oil supplementation in pregnancy modifies neonatal allergen-specific immune responses and clinical outcomes in infants at high risk of atopy: a randomized, controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 1178-84	11.5	417
408	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, 2019-31	16.6	412
407	Regulation of immunological homeostasis in the respiratory tract. <i>Nature Reviews Immunology</i> , 2008 , 8, 142-52	36.5	378
406	Regulation of IgE responses to inhaled antigen in mice by antigen-specific gamma delta T cells. <i>Science</i> , 1994 , 265, 1869-71	33.3	360
405	Rapid dendritic cell recruitment is a hallmark of the acute inflammatory response at mucosal surfaces. <i>Journal of Experimental Medicine</i> , 1994 , 179, 1331-6	16.6	350
404	Role of respiratory viruses in acute upper and lower respiratory tract illness in the first year of life: a birth cohort study. <i>Pediatric Infectious Disease Journal</i> , 2006 , 25, 680-6	3.4	337
403	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011 , 43, 1082-90	36.3	313
402	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, 209-22	16.6	291
401	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, 2429-32	16.6	286
400	Role of microbial burden in aetiology of allergy and asthma. <i>Lancet, The</i> , 1999 , 354 Suppl 2, SII12-5	4.0	285

399	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, 1345-56	16.6	285
398	Differential patterns of methylation of the IFN-gamma promoter at CpG and non-CpG sites underlie differences in IFN-gamma gene expression between human neonatal and adult CD45RO- T cells. <i>Journal of Immunology</i> , 2002 , 168, 2820-7	5.3	280
397	Early identification of atopy in the prediction of persistent asthma in children. <i>Lancet, The</i> , 2008 , 372, 1100-6	4.0	263
396	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, 262-74	16.6	258
395	Phenotypic, functional, and plasticity features of classical and alternatively activated human macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 676-88	5.7	252
394	Immune and inflammatory function in cigarette smokers. <i>Thorax</i> , 1987 , 42, 241-9	7.3	249
393	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
392	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2011 , 44, 187-92	36.3	244
391	Genetic MskMor atopy is associated with delayed postnatal maturation of T-cell competence. <i>Clinical and Experimental Allergy</i> , 1992 , 22, 1093-9	4.1	233
390	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, 604-12	5.7	230
389	Atopic versus infectious diseases in childhood: a question of balance?. <i>Pediatric Allergy and Immunology</i> , 1997 , 8, 53-8	4.2	220
388	Development of interleukin-12-producing capacity throughout childhood. <i>Infection and Immunity</i> , 2002 , 70, 6583-8	3.7	201
387	An immunoepidemiological approach to asthma: identification of in-vitro T-cell response patterns associated with different wheezing phenotypes in children. <i>Lancet, The</i> , 2005 , 365, 142-9	4.0	200
386	Anatomical location determines the distribution and function of dendritic cells and other APCs in the respiratory tract. <i>Journal of Immunology</i> , 2005 , 175, 1609-18	5.3	200
385	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013 , 45, 902-906	36.3	191
384	Association between antenatal cytokine production and the development of atopy and asthma at age 6 years. <i>Lancet, The</i> , 2003 , 362, 1192-7	4.0	189
383	Viral infections and atopy in asthma pathogenesis: new rationales for asthma prevention and treatment. <i>Nature Medicine</i> , 2012 , 18, 726-35	50.5	188
382	The effects of respiratory infections, atopy, and breastfeeding on childhood asthma. <i>European Respiratory Journal</i> , 2002 , 19, 899-905	13.6	185

381	Maternal serum vitamin D levels during pregnancy and offspring neurocognitive development. <i>Pediatrics</i> , 2012 , 129, 485-93	7.4	183
380	Breast feeding and respiratory morbidity in infancy: a birth cohort study. <i>Archives of Disease in Childhood</i> , 2003 , 88, 224-8	2.2	180
379	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; quiz 25	11.5	178
378	Maternal smoking in pregnancy alters neonatal cytokine responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003 , 58, 1053-8	9.3	171
377	Bidirectional interactions between antigen-bearing respiratory tract dendritic cells (DCs) and T cells precede the late phase reaction in experimental asthma: DC activation occurs in the airway mucosa but not in the lung parenchyma. <i>Journal of Experimental Medicine</i> , 2003 , 198, 19-30	16.6	169
376	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, 203-12	16.6	167
375	Interactions between innate antiviral and atopic immunoinflammatory pathways precipitate and sustain asthma exacerbations in children. <i>Journal of Immunology</i> , 2009 , 183, 2793-800	5.3	165
374	Reversal of airway hyperresponsiveness by induction of airway mucosal CD4+CD25+ regulatory T cells. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2649-60	16.6	158
373	Rapid dendritic cell recruitment to the bronchial mucosa of patients with atopic asthma in response to local allergen challenge. <i>Thorax</i> , 2001 , 56, 823-6	7.3	156
372	Accelerated antigen sampling and transport by airway mucosal dendritic cells following inhalation of a bacterial stimulus. <i>Journal of Immunology</i> , 2006 , 177, 5861-7	5.3	155
371	Association of IL12B promoter polymorphism with severity of atopic and non-atopic asthma in children. <i>Lancet, The</i> , 2002 , 360, 455-9	4.0	154
370	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	4.2	154
369	A potential vaccine strategy for asthma and allied atopic diseases during early childhood. <i>Lancet, The</i> , 1994 , 344, 456-8	4.0	154
368	Genome-wide association study identifies peanut allergy-specific loci and evidence of epigenetic mediation in US children. <i>Nature Communications</i> , 2015 , 6, 6304	17.4	152
367	Ia-positive dendritic cells form a tightly meshed network within the human airway epithelium. <i>Clinical and Experimental Allergy</i> , 1989 , 19, 597-601	4.1	151
366	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, 442-8	4.1	146
365	Inhibition of the immunosuppressive activity of resident pulmonary alveolar macrophages by granulocyte/macrophage colony-stimulating factor. <i>Journal of Experimental Medicine</i> , 1993 , 177, 1773-7	16.6	145
364	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, 1564-71	11.5	143

363	Defence against allergic sensitization in the healthy lung: the role of inhalation tolerance. <i>Clinical and Experimental Allergy</i> , 1989 , 19, 255-62	4.1	139
362	Vitamin D and atopy and asthma phenotypes in children: a longitudinal cohort study. <i>European Respiratory Journal</i> , 2011 , 38, 1320-7	13.6	137
361	Development of long-term tolerance versus sensitisation to environmental allergens during the perinatal period. <i>Current Opinion in Immunology</i> , 1997 , 9, 782-7	7.8	126
360	Systemic responsiveness to lipopolysaccharide and polymorphisms in the toll-like receptor 4 gene in human beings. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 923-9	11.5	122
359	Immunoprophylaxis of atopy: light at the end of the tunnel?. <i>Trends in Immunology</i> , 1994 , 15, 484-9		122
358	Functional maturation of CD4+CD25+CTLA4+CD45RA+ T regulatory cells in human neonatal T cell responses to environmental antigens/allergens. <i>Journal of Immunology</i> , 2004 , 173, 3084-92	5.3	118
357	TLR4 polymorphisms mediate impaired responses to respiratory syncytial virus and lipopolysaccharide. <i>Journal of Immunology</i> , 2007 , 179, 132-40	5.3	114
356	Regulation of dendritic cell recruitment into resting and inflamed airway epithelium: use of alternative chemokine receptors as a function of inducing stimulus. <i>Journal of Immunology</i> , 2001 , 167, 228-34	5.3	114
355	A contiguous network of dendritic antigen-presenting cells within the respiratory epithelium. <i>International Archives of Allergy and Immunology</i> , 1990 , 91, 155-9	3.7	112
354	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. <i>Clinical and Experimental Allergy</i> , 1995 , 25, 634-42	4.1	111
353	Effects of n-3 polyunsaturated fatty acid supplementation in pregnancy on maternal and fetal erythrocyte fatty acid composition. <i>European Journal of Clinical Nutrition</i> , 2004 , 58, 429-37	5.2	108
352	Toward improved prediction of risk for atopy and asthma among preschoolers: a prospective cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 653-9, 659.e1-659.e7	11.5	107
351	Do early-life viral infections cause asthma?. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 1202-5	11.5	106
350	Postnatal maturation of immune competence during infancy and childhood. <i>Pediatric Allergy and Immunology</i> , 1995 , 6, 59-70	4.2	106
349	Meta-analysis identifies seven susceptibility loci involved in the atopic march. <i>Nature Communications</i> , 2015 , 6, 8804	17.4	105
348	Antigen-specific responses to diphtheria-tetanus-acellular pertussis vaccine in human infants are initially Th2 polarized. <i>Infection and Immunity</i> , 2000 , 68, 3873-7	3.7	102
347	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, 182-94	4.4	102
346	An exposome perspective: Early-life events and immune development in a changing world. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 24-40	11.5	101

345	Prenatal versus postnatal sensitization to environmental allergens in a high-risk birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 1164-73	11.5	98
344	Postnatal development of monocyte cytokine responses to bacterial lipopolysaccharide. <i>Pediatric Research</i> , 2007 , 62, 547-52	3.2	98
343	Airways inflammation, atopy, and (1--> 3)-beta-D-glucan exposures in two schools. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 158, 1685-7	10.2	93
342	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, 189-98	2.5	92
341	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, 421-9	11.5	91
340	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, 401-7	10.2	88
339	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, 571-7	4.7	87
338	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, 2845-50	6.1	86
337	Plasma corticosterone concentrations in the perinatal rat. <i>Biochemical Journal</i> , 1968 , 108, 339-41		86
336	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, 160-9	11.5	85
335	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, 75-9	3.7	85
334	Febrile respiratory illnesses in infancy and atopy are risk factors for persistent asthma and wheeze. <i>European Respiratory Journal</i> , 2012 , 39, 876-82	13.6	84
333	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, 1297-301	16.6	84
332	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, 557-64	4.2	83
331	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	4.2	82
330	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, 1107-14	4.1	82
329	Fish oil supplementation in pregnancy modifies neonatal progenitors at birth in infants at risk of atopy. <i>Pediatric Research</i> , 2005 , 57, 276-81	3.2	80
328	Effect of cigarette smoking on primary and secondary humoral responses of mice. <i>Nature</i> , 1973 , 243, 240-1	50.4	80

327	Airway Microbiota Dynamics Uncover a Critical Window for Interplay of Pathogenic Bacteria and Allergy in Childhood Respiratory Disease. <i>Cell Host and Microbe</i> , 2018 , 24, 341-352.e5	23.4	80
326	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	5.7	79
325	Interactions between RSV infection, asthma, and atopy: unraveling the complexities. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1271-5	16.6	78
324	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, 8130-5	3.7	77
323	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, 277-88	2.5	77
322	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	5.3	76
321	Support for 2 variants of eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 1067-72	11.5	76
320	Suppression of IgE responses following inhalation of antigen A natural homeostatic mechanism which limits sensitization to aeroallergens. <i>Trends in Immunology</i> , 1987 , 8, 14-5		73
319	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, 893-7	6.1	73
318	Inhibitory activity of unstimulated alveolar macrophages on T-lymphocyte blastogenic response. <i>The American Review of Respiratory Disease</i> , 1978 , 118, 791-3		73
317	The ELISA-plaque assay for the detection and enumeration of antibody-secreting cells. An overview. <i>Journal of Immunological Methods</i> , 1986 , 87, 37-44	2.5	71
316	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	3.7	71
315	Parasites, atopy, and the hygiene hypothesis: resolution of a paradox?. <i>Lancet, The</i> , 2000 , 356, 1699-701	4.0	70
314	Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. <i>Biochemistry</i> , 1969 , 8, 1429-37	3.2	70
313	Immune tolerance and protection against allergic sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1995 , 50, 34-6	9.3	69
312	Toll-like receptor 7 function is reduced in adolescents with asthma. <i>European Respiratory Journal</i> , 2010 , 35, 64-71	13.6	68
311	Low maternal serum vitamin D during pregnancy and the risk for postpartum depression symptoms. <i>Archives of Women's Mental Health</i> , 2014 , 17, 213-9	5	67
310	Gene-vitamin D interactions on food sensitization: a prospective birth cohort study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011 , 66, 1442-8	9.3	67

309	Dendritic cell immaturity during infancy restricts the capacity to express vaccine-specific T-cell memory. <i>Infection and Immunity</i> , 2006 , 74, 1106-12	3.7	67
308	Interaction between adaptive and innate immune pathways in the pathogenesis of atopic asthma: operation of a lung/bone marrow axis. <i>Chest</i> , 2011 , 139, 1165-1171	5.3	66
307	Microbial exposure, interferon gamma gene demethylation in naïve T-cells, and the risk of allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 348-53	9.3	66
306	Airway dendritic cells: co-ordinators of immunological homeostasis and immunity in the respiratory tract. <i>Apmis</i> , 2003 , 111, 741-55	3.4	66
305	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, 250-8	7.8	66
304	Factors affecting the premature induction of tyrosine aminotransferase in foetal rat liver. <i>Biochemical Journal</i> , 1968 , 108, 333-8		66
303	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, 850-4	10.2	65
302	Maternal vitamin D levels and the autism phenotype among offspring. <i>Journal of Autism and Developmental Disorders</i> , 2013 , 43, 1495-504	4.6	64
301	High IFN-gamma 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, 710-6	11.5	64
300	Gene polymorphisms, breast-feeding, and development of food sensitization in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 374-81.e2	11.5	63
299	Selective enhancement of systemic Th1 immunity in immunologically immature rats with an orally administered bacterial extract. <i>Infection and Immunity</i> , 2001 , 69, 3719-27	3.7	62
298	Interactions between respiratory tract infections and atopy in the aetiology of asthma. <i>European Respiratory Journal</i> , 2002 , 19, 538-45	13.6	62
297	Prophylactic use of sublingual allergen immunotherapy in high-risk children: a pilot study. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 991-3.e1	11.5	61
296	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, 207-14	9.3	61
295	Modulation of airway intraepithelial dendritic cells following exposure to steroids. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995 , 151, 475-81	10.2	61
294	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	11.5	59
293	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, 707-13.e2	11.5	59
292	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, 963-72; quiz 973-4	11.5	58

291	Elucidation of asthma phenotypes in atopic teenagers through parallel immunophenotypic and clinical profiling. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 463-70, 470.e1-16	11.5	58
290	Prevention of allergic respiratory disease in infants: current aspects and future perspectives. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2007 , 7, 547-55	3.3	57
289	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, 252-6	9.3	57
288	Sensitization to airborne environmental allergens: unresolved issues. <i>Nature Immunology</i> , 2005 , 6, 957-60	9.1	56
287	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, 1117-22	11.5	56
286	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	11.5	55
285	Virus infection and allergy in the development of asthma: what is the connection?. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012 , 12, 151-7	3.3	55
284	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, 1187-94	9.3	55
283	Infections and the development of allergy. <i>Toxicology Letters</i> , 1996 , 86, 205-10	4.4	55
282	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, 829-38	4.1	54
281	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, 566-72	4.1	54
280	Environment and development of atopy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2005 , 5, 167-72	3.3	54
279	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. <i>Mucosal Immunology</i> , 2011 , 4, 43-52	9.2	53
278	Antibiotic use in the first year of life and risk of atopic disease in early childhood. <i>Clinical and Experimental Allergy</i> , 2008 , 38, 1921-8	4.1	53
277	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	4.2	53
276	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	36.3	52
275	Multiple forms of tyrosine aminotransferase in rat liver and their hormonal induction in the neonate. <i>FEBS Letters</i> , 1969 , 5, 89-91	3.8	52
274	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, 116-20		51

273	Long-lived IgE- and IgG-secreting cells in rodents manifesting persistent antibody responses. <i>Cellular Immunology</i> , 1984 , 89, 281-9	4.4	51
272	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, 205-11	10.2	50
271	Steroids inhibit uptake and/or processing but not presentation of antigen by airway dendritic cells. <i>Immunology</i> , 1997 , 91, 145-50	7.8	50
270	Cellular immunity in mice chronically exposed to fresh cigarette smoke. <i>Archives of Environmental Health</i> , 1973 , 27, 372-5		50
269	Drug development strategies for asthma: in search of a new paradigm. <i>Nature Immunology</i> , 2004 , 5, 695-8	9.1	49
268	World Allergy Organization guidelines for prevention of allergy and allergic asthma. <i>International Archives of Allergy and Immunology</i> , 2004 , 135, 83-92	3.7	48
267	Characterization of dendritic cell populations in the respiratory tract. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2000 , 13, 361-7		48
266	Recovery of immune system after cigarette smoking. <i>Nature</i> , 1974 , 248, 358-9	50.4	48
265	Cell-mediated immune responses to transplanted tumors in mice chronically exposed to cigarette smoke. <i>Journal of the National Cancer Institute</i> , 1975 , 55, 1129-34	9.7	47
264	Immunological function in mice chronically exposed to nitrogen oxides (NOx). <i>Environmental Research</i> , 1979 , 19, 154-62	7.9	46
263	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, 409-17		46
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261	Dendritic cells and macrophages in lung allografts: A role in chronic rejection?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 1349-54	10.2	45
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