

Marilyn Halonen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

11,453
citations

40
h-index

104
g-index

104
ext. papers

12,660
ext. citations

8.5
avg, IF

5.5
L-index

#	Paper	IF	Citations
98	Asthma and wheezing in the first six years of life. The Group Health Medical Associates. <i>New England Journal of Medicine</i> , 1995 , 332, 133-8	59.2	2919
97	Association of asthma with serum IgE levels and skin-test reactivity to allergens. <i>New England Journal of Medicine</i> , 1989 , 320, 271-7	59.2	1375
96	Respiratory syncytial virus in early life and risk of wheeze and allergy by age 13 years. <i>Lancet, The</i> , 1999 , 354, 541-5	40	1226
95	A Polymorphism* in the 5Sflanking 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
94	Tucson Children's Respiratory Study: 1980 to present. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 661-75; quiz 676	11.5	465
93	A cluster of seven tightly linked polymorphisms in the IL-13 gene is associated with total serum IgE levels in three populations of white children. <i>Journal of Allergy and Clinical Immunology</i> , 2000 , 105, 506-13	11.5	351
92	Wheezing and bronchial hyper-responsiveness in early childhood as predictors of newly diagnosed asthma in early adulthood: a longitudinal birth-cohort study. <i>Lancet, The</i> , 2008 , 372, 1058-64	40	310
91	Distribution of IgE in a community population sample: correlations with age, sex, and allergen skin test reactivity. <i>Journal of Allergy and Clinical Immunology</i> , 1981 , 68, 106-11	11.5	261
90	Epidemiology of Physician-Diagnosed Allergic Rhinitis in Childhood. <i>Pediatrics</i> , 1994 , 94, 895-901	7.4	252
89	Association of interleukin-2 and interferon-gamma production by blood mononuclear cells in infancy with parental allergy skin tests and with subsequent development of atopy. <i>Journal of Allergy and Clinical Immunology</i> , 1995 , 96, 652-60	11.5	160
88	Persistent insomnia is associated with mortality risk. <i>American Journal of Medicine</i> , 2015 , 128, 268-75.e2	2.4	145
87	Cord blood 25-hydroxyvitamin D levels are associated with aeroallergen sensitization in children from Tucson, Arizona. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 1093-9.e1-5	11.5	141
86	Association of radiologically ascertained pneumonia before age 3 yr with asthmalike symptoms and pulmonary function during childhood: a prospective study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 159, 1891-7	10.2	117
85	Differential immune responses to acute lower respiratory illness in early life and subsequent development of persistent wheezing and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 1998 , 102, 915-20	11.5	115
84	Chronic bronchitis before age 50 years predicts incident airflow limitation and mortality risk. <i>Thorax</i> , 2009 , 64, 894-900	7.3	112
83	TGF-beta in human milk is associated with wheeze in infancy. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 723-8	11.5	108
82	Total serum IgE and its association with asthma symptoms and allergic sensitization among children. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 104, 28-36	11.5	108

81	Th2 cell-selective enhancement of human IL13 transcription by IL13-1112C>T, a polymorphism associated with allergic inflammation. <i>Journal of Immunology</i> , 2006 , 177, 8633-42	5.3	102
80	Morbidity and mortality associated with the restrictive spirometric pattern: a longitudinal study. <i>Thorax</i> , 2010 , 65, 499-504	7.3	100
79	The predictive relationship between serum IgE levels at birth and subsequent incidences of lower respiratory illnesses and eczema in infants. <i>The American Review of Respiratory Disease</i> , 1992 , 146, 866-70		99
78	Breast-feeding, maternal IgE, and total serum IgE in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 104, 589-94	11.5	88
77	Relation between circulating CC16 concentrations, lung function, and development of chronic obstructive pulmonary disease across the lifespan: a prospective study. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 613-20	35.1	87
76	Problems in defining normal limits for serum IgE. <i>Journal of Allergy and Clinical Immunology</i> , 1990 , 85, 440-4	11.5	85
75	Low IFN-gamma production in the first year of life as a predictor of wheeze during childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 835-41	11.5	84
74	Reduced interferon gamma production and soluble CD14 levels in early life predict recurrent wheezing by 1 year of age. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 70-6	10.2	84
73	A longitudinal study of respiratory symptoms in a community population sample. Correlations with smoking, allergen skin-test reactivity, and serum IgE. <i>Chest</i> , 1991 , 99, 20-6	5.3	84
72	Relationships between total serum IgE, atopy, and smoking: a twenty-year follow-up analysis. <i>Journal of Allergy and Clinical Immunology</i> , 1994 , 94, 954-62	11.5	82
71	Least absolute shrinkage and selection operator type methods for the identification of serum biomarkers of overweight and obesity: simulation and application. <i>BMC Medical Research Methodology</i> , 2016 , 16, 154	4.7	79
70	Th1/Th2 patterns and balance in cytokine production in the parents and infants of a large birth cohort. <i>Journal of Immunology</i> , 2009 , 182, 3285-93	5.3	78
69	Association of non-wheezing lower respiratory tract illnesses in early life with persistently diminished serum IgE levels. Group Health Medical Associates. <i>Thorax</i> , 1995 , 50, 1067-72	7.3	71
68	Two subphenotypes of childhood asthma that differ in maternal and paternal influences on asthma risk. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 564-70	10.2	69
67	Epigenome-wide analysis links SMAD3 methylation at birth to asthma in children of asthmatic mothers. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 534-542	11.5	63
66	Relation between infantile colic and asthma/atopy: a prospective study in an unselected population. <i>Pediatrics</i> , 2001 , 108, 878-82	7.4	54
65	Relationship between serum IgE and cross-sectional and longitudinal FEV1 in two cohort studies. <i>Chest</i> , 1986 , 90, 416-23	5.3	53
64	Environmental determinants of and impact on childhood asthma by the bacterial community in household dust. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 2663-7	4.8	50

63	Differences in participation of innate and adaptive immunity to respiratory syncytial virus in adults and neonates. <i>Journal of Infectious Diseases</i> , 2003 , 188, 433-9	7	49
62	Effect of day care attendance on sensitization and atopic wheezing differs by Toll-like receptor 2 genotype in 2 population-based birth cohort studies. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 390-397.e1-9	11.5	47
61	Innate immune responses in respiratory syncytial virus infections. <i>Viral Immunology</i> , 2004 , 17, 220-33	1.7	45
60	The course of persistent airflow limitation in subjects with and without asthma. <i>Respiratory Medicine</i> , 2008 , 102, 1473-82	4.6	41
59	A muscarinic receptor with high affinity for pirenzepine mediates vagally induced bronchoconstriction. <i>European Journal of Pharmacology</i> , 1987 , 133, 21-7	5.3	41
58	Perinatal tumor necrosis factor- β production, influenced by maternal pregnancy weight gain, predicts childhood asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 35-41	10.2	40
57	Interactions of smoking and immunologic factors in relation to airways obstruction. <i>Chest</i> , 1983 , 84, 657-61	5.1	40
56	Relation of two different subtypes of croup before age three to wheezing, atopy, and pulmonary function during childhood: a prospective study. <i>Pediatrics</i> , 2001 , 107, 512-8	7.4	38
55	Preferential expression of anti-bovine serum albumin IgE homocytotropic antibody synthesis and anaphylactic sensitivity in the neonatal rabbit. <i>Journal of Allergy and Clinical Immunology</i> , 1972 , 49, 301-310	11.5	37
54	Adaptive cytokine production in early life differentially predicts total IgE levels and asthma through age 5 years. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 397-402.e2	11.5	36
53	Cortisol circadian rhythms and stress responses in infants at risk of allergic disease. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 306-11	11.5	36
52	Dynamic changes in sensitization to specific aeroallergens in children raised in a desert environment. <i>Clinical and Experimental Allergy</i> , 2004 , 34, 1563-669	4.1	35
51	Asthma, airflow limitation and mortality risk in the general population. <i>European Respiratory Journal</i> , 2015 , 45, 338-46	13.6	33
50	Factor analysis of asthma and atopy traits shows 2 major components, one of which is linked to markers on chromosome 5q. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 108, 772-80	11.5	32
49	Cloning of a human platelet-activating factor receptor gene: evidence for an intron in the 5' untranslated region. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993 , 8, 240-4	5.7	32
48	Effects of parental smoking on interferon gamma production in children. <i>Pediatrics</i> , 2008 , 121, e1563-9	7.4	29
47	Parental asthma as a risk factor for the development of early skin test sensitization in children. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 284-90	11.5	27
46	Club Cell Secretory Protein Deficiency Leads to Altered Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 302-312	10.2	27

45	The impact of CD14 polymorphisms on the development of soluble CD14 levels during infancy. <i>Genes and Immunity</i> , 2006 , 7, 77-80	4.4	23
44	Heterogeneity of the M1 muscarinic receptor subtype between peripheral lung and cerebral cortex demonstrated by the selective antagonist AF-DX 116. <i>Life Sciences</i> , 1987 , 41, 491-6	6.8	22
43	The relation of circulating YKL-40 to levels and decline of lung function in adult life. <i>Respiratory Medicine</i> , 2013 , 107, 1923-30	4.6	21
42	Influence of early day-care exposure on total IgE levels through age 3 years. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 1201-7	11.5	21
41	Club cell secretory protein in serum and bronchoalveolar lavage of patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 932-934.e1	11.5	19
40	Serum concentrations of club cell secretory protein (Clara) and cancer mortality in adults: a population-based, prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 779-85	35.1	19
39	Familial aggregation and segregation analysis of eosinophil levels. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 1604-10	10.2	19
38	Pneumococcus-specific immunoglobulin E in cigarette smokers. <i>Clinical and Experimental Allergy</i> , 1986 , 16, 25-32	4.1	19
37	A minority of muscarinic receptors mediate rabbit tracheal smooth muscle contraction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992 , 6, 279-86	5.7	18
36	Characterization of receptors for platelet-activating factor in guinea pig lung membranes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990 , 3, 259-64	5.7	18
35	Association of IL-5 cytokine production and in vivo IgE levels in infants and parents. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 820-6	11.5	17
34	Chronic exposure to a beta 2-adrenoceptor agonist increases the airway response to methacholine. <i>European Journal of Pharmacology</i> , 1993 , 241, 121-3	5.3	16
33	Airway cholinergic responsiveness in rabbits in relation to antigen sensitization and challenge. <i>Immunopharmacology</i> , 1988 , 15, 157-67		16
32	Differential control of eosinophil survival by glucocorticoids. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004 , 9, 97-104	5.4	15
31	A SOCS-1 promoter variant is associated with total serum IgE levels. <i>Journal of Immunology</i> , 2011 , 187, 2794-802	5.3	14
30	Prenatal factors associated with the development of eczema in the first year of life. <i>Pediatric Allergy and Immunology</i> , 2005 , 16, 19-26	4.2	14
29	Differences in proliferation of the hematopoietic cell line TF-1 and cytokine production by peripheral blood leukocytes induced by 2 naturally occurring forms of human IL-3. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 107, 505-10	11.5	13
28	Familial aggregation of allergen-specific sensitization and asthma. <i>Pediatric Allergy and Immunology</i> , 2012 , 23, 21-7	4.2	12

27	Platelet-activating factor induction of activator protein-1 signaling in bronchial epithelial cells. <i>Molecular Pharmacology</i> , 1998 , 53, 135-40	4.3	12
26	Maternal Cytokine Profiles during Pregnancy Predict Asthma in Children of Mothers without Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 59, 592-600	5.7	11
25	Lymphocyte subpopulation number and function in infancy. <i>Autoimmunity</i> , 1992 , 2, 175-9		11
24	Effects of the PAF antagonist WEB 2086 on PAF-induced physiologic alterations and on IgE anaphylaxis in the rabbit. <i>The American Review of Respiratory Disease</i> , 1990 , 142, 390-7		11
23	Trajectories and Early Determinants of Circulating CC16 from Birth to Age 32 Years. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 267-270	10.2	10
22	Exposure to parental smoking in childhood is associated with persistence of respiratory symptoms into young adult life. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 962-965.e4	11.5	10
21	Correlation of human decidual and cord blood mononuclear cell cytokine production. <i>Human Immunology</i> , 2004 , 65, 1336-43	2.3	10
20	Heightened cholinergic responsiveness in IgE-producing rabbits. <i>International Journal of Immunopharmacology</i> , 1984 , 6, 351-6		10
19	Prevalence of Asthma in School Children on the Arizona-Sonora Border. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 114-120.e2	5.4	9
18	Exploration of early-life candidate biomarkers for childhood asthma using antibody arrays. <i>Pediatric Allergy and Immunology</i> , 2016 , 27, 696-701	4.2	8
17	Evidence for platelet-activating factor receptor subtypes on human polymorphonuclear leukocyte membranes. <i>Biochemical Pharmacology</i> , 1997 , 54, 1007-12	6	8
16	The role of histamine in the physiologic alterations of IgE anaphylaxis in the rabbit. <i>Immunopharmacology</i> , 1984 , 7, 77-87		8
15	Perinatal events in the development of asthma. <i>Current Opinion in Pulmonary Medicine</i> , 1999 , 5, 4-9	3	8
14	Cytokines, atopy, and asthma. <i>Lancet, The</i> , 2003 , 362, 1166-7	4.0	7
13	CC16 Levels into Adult Life Are Associated with Nitrogen Dioxide Exposure at Birth. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 600-607	10.2	6
12	Predicting the course of asthma. <i>Allergy and Asthma Proceedings</i> , 2006 , 27, 328-31	2.6	6
11	The responsiveness of rabbit bronchial rings to antigen, AGEPC and histamine. <i>Immunopharmacology</i> , 1986 , 12, 89-96		6
10	Non-atopic rhinitis at age 6 is associated with subsequent development of asthma. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 35-43	4.1	6

9	The effects of combined histamine and platelet-activating factor antagonism on systemic anaphylaxis induced by immunoglobulin E in the rabbit. <i>The American Review of Respiratory Disease</i> , 1993 , 147, 1223-8		5
8	sensitisation at age 6 years is associated with subsequent airway hyper-responsiveness in non-asthmatics. <i>Thorax</i> , 2018 , 73, 1170-1173	7.3	4
7	Asthma and serum levels of IgE. <i>New England Journal of Medicine</i> , 1989 , 320, 1696-7	59.2	3
6	Detection of beta-adrenergic receptors on rabbit mononuclear cells isolated free of significant contamination by other cell types. <i>Life Sciences</i> , 1983 , 33, 971-7	6.8	3
5	Rethinking Th2 Antibody Responses and Allergic Sensitization. <i>Novartis Foundation Symposium</i> , 2008 , 25-44		2
4	Antigen enhances neuronally induced contraction of intrapulmonary bronchi from IgE-producing rabbits. <i>Journal of Neuroimmunology</i> , 1992 , 37, 105-14	3.5	2
3	Suppression of innate immune cytokines and interferon regulatory factor-1 by endogenous interferon-alpha in response to respiratory syncytial virus in neonate mononuclear cells. <i>Immunological Investigations</i> , 2007 , 36, 441-56	2.9	
2	Discovery of Early Life Plasma Protein Signatures for Asthma Development. <i>FASEB Journal</i> , 2012 , 26, 1122.2	0.9	
1	Validation of an Early Life Candidate Biomarker for Childhood Asthma. <i>FASEB Journal</i> , 2013 , 27, 1107.2	0.9	