

Melanie Claire Matheson

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

10,888
citations

41344

49
h-index

32842

100
g-index

123
all docs

123
docs citations

123
times ranked

14318
citing authors

#	ARTICLE	IF	CITATIONS
1	Early menarche is associated with lower adult lung function: A longitudinal cohort study from the first to sixth decade of life. <i>Respirology</i> , 2020, 25, 289-297.	2.3	10
2	Childhood pneumonia, pleurisy and lung function: a cohort study from the first to sixth decade of life. <i>Thorax</i> , 2020, 75, 28-37.	5.6	21
3	<scp>NO</scp>_x in exhaled breath condensate is related to allergic sensitization in young and middle-aged adults. <i>Clinical and Experimental Allergy</i> , 2019, 49, 171-179.	2.9	10
4	Occupational exposure to solvents and lung function decline: A population based study. <i>Thorax</i> , 2019, 74, 650-658.	5.6	21
5	Residential Exposure to Outdoor Air Pollution and Post-bronchodilator Lung Function Deficits in Mid-Adult Life. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 110-114.	5.6	1
6	The Role of Early Life Food Sensitization in Adolescent Lung Function: Results from 2 Birth Cohort Studies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1825-1834.e12.	3.8	4
7	PEBBLES study protocol: a randomised controlled trial to prevent atopic dermatitis, food allergy and sensitisation in infants with a family history of allergic disease using a skin barrier improvement strategy. <i>BMJ Open</i> , 2019, 9, e024594.	1.9	45
8	Early-life exposure to sibling modifies the relationship between <i>CD14</i> polymorphisms and allergic sensitization. <i>Clinical and Experimental Allergy</i> , 2019, 49, 331-340.	2.9	2
9	Critical age windows in the impact of lifetime smoking exposure on respiratory symptoms and disease among ever smokers. <i>Environmental Research</i> , 2018, 164, 241-247.	7.5	10
10	Childhood predictors of lung function trajectories and future COPD risk: a prospective cohort study from the first to the sixth decade of life. <i>Lancet Respiratory Medicine</i> , 2018, 6, 535-544.	10.7	381
11	Childhood measles contributes to post-bronchodilator airflow obstruction in middle-aged adults: A cohort study. <i>Respirology</i> , 2018, 23, 780-787.	2.3	5
12	Traffic related air pollution and development and persistence of asthma and low lung function. <i>Environment International</i> , 2018, 113, 170-176.	10.0	64
13	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	21.4	426
14	Do Glutathione S-Transferase Genes Modify the Link between Indoor Air Pollution and Asthma, Allergies, and Lung Function? A Systematic Review. <i>Current Allergy and Asthma Reports</i> , 2018, 18, 20.	5.3	24
15	Food Allergy Is an Important Risk Factor for Childhood Asthma, Irrespective of Whether It Resolves. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1336-1341.e3.	3.8	34
16	Prediction models for the development of COPD: a systematic review. <i>International Journal of COPD</i> , 2018, Volume 13, 1927-1935.	2.3	22
17	Maternal age at delivery, lung function and asthma in offspring: a population-based survey. <i>European Respiratory Journal</i> , 2018, 51, 1601611.	6.7	14
18	Cohort Profile: The Tasmanian Longitudinal Health STUDY (TAHS). <i>International Journal of Epidemiology</i> , 2017, 46, dyw028.	1.9	26

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19	Cohort Profile: Melbourne Atopy Cohort study (MACS). International Journal of Epidemiology, 2017, 46, dyw011.	1.9	22
20	Traffic-related air pollution exposure is associated with allergic sensitization, asthma, and poor lung function in middle age. Journal of Allergy and Clinical Immunology, 2017, 139, 122-129.e1.	2.9	117
21	Childhood Lung Function Predicts Adult Chronic Obstructive Pulmonary Disease and Asthma—Chronic Obstructive Pulmonary Disease Overlap Syndrome. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 39-46.	5.6	111
22	The prevalence of food allergy and other allergic diseases in early childhood in a population-based study: HealthNuts age 4-year follow-up. Journal of Allergy and Clinical Immunology, 2017, 140, 145-153.e8.	2.9	235
23	The interaction between farming/rural environment and TLR2, TLR4, TLR6 and CD14 genetic polymorphisms in relation to early- and late-onset asthma. Scientific Reports, 2017, 7, 43681.	3.3	27
24	Food Challenge and Community-Reported Reaction Profiles in Food-Allergic Children Aged 1 and 4 Years: A Population-Based Study. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 398-409.e3.	3.8	32
25	Traffic-related air pollution exposure over a 5-year period is associated with increased risk of asthma and poor lung function in middle age. European Respiratory Journal, 2017, 50, 1602357.	6.7	80
26	Bronchial hyperresponsiveness and obesity in middle age: insights from an Australian cohort. European Respiratory Journal, 2017, 50, 1602181.	6.7	20
27	Occupational exposure to pesticides are associated with fixed airflow obstruction in middle-age. Thorax, 2017, 72, 990-997.	5.6	32
28	Preterm birth and low birth weight continue to increase the risk of asthma from age 7 to 43. Journal of Asthma, 2017, 54, 616-623.	1.7	31
29	Early smoke exposure is associated with asthma and lung function deficits in adolescents. Journal of Asthma, 2017, 54, 662-669.	1.7	24
30	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. Journal of Allergy and Clinical Immunology, 2017, 139, 1148-1157.	2.9	72
31	Prevalence of obstructive sleep apnea in the general population: A systematic review. Sleep Medicine Reviews, 2017, 34, 70-81.	8.5	1,478
32	The Dose—Response Association between Nitrogen Dioxide Exposure and Serum Interleukin-6 Concentrations. International Journal of Molecular Sciences, 2017, 18, 1015.	4.1	29
33	Current asthma contributes as much as smoking to chronic bronchitis in middle age: a prospective population-based study. International Journal of COPD, 2016, Volume 11, 1911-1920.	2.3	10
34	Do Variants in GSTs Modify the Association between Traffic Air Pollution and Asthma in Adolescence?. International Journal of Molecular Sciences, 2016, 17, 485.	4.1	20
35	Occupational skin disease in Victoria, Australia. Australasian Journal of Dermatology, 2016, 57, 108-114.	0.7	26
36	Clinical and functional differences between early-onset and late-onset adult asthma: a population-based Tasmanian Longitudinal Health Study. Thorax, 2016, 71, 981-987.	5.6	51

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37	Sleep apnoea in Australian men: disease burden, co-morbidities, and correlates from the Australian longitudinal study on male health. BMC Public Health, 2016, 16, 1029.	2.9	47
38	Interactions of GST Polymorphisms in Air Pollution Exposure and Respiratory Diseases and Allergies. Current Allergy and Asthma Reports, 2016, 16, 85.	5.3	23
39	Understanding the feasibility and implications of implementing early peanut introduction for prevention of peanut allergy. Journal of Allergy and Clinical Immunology, 2016, 138, 1131-1141.e2.	2.9	106
40	The effect of breastfeeding on lung function at 12 and 18 years: a prospective cohort study. European Respiratory Journal, 2016, 48, 125-132.	6.7	8
41	The Role of Breastfeeding in Childhood Otitis Media. Current Allergy and Asthma Reports, 2016, 16, 68.	5.3	15
42	The Impact of Timing of Introduction of Solids on Infant Body Mass Index. Journal of Pediatrics, 2016, 179, 104-110.e1.	1.8	39
43	Sensitization to milk, egg and peanut from birth to 18 years: A longitudinal study of a cohort at risk of allergic disease. Pediatric Allergy and Immunology, 2016, 27, 83-91.	2.6	34
44	Mother's smoking and complex lung function of offspring in middle age: A cohort study from childhood. Respiriology, 2016, 21, 911-919.	2.3	34
45	Occupational exposure and risk of chronic obstructive pulmonary disease: a systematic review and meta-analysis. Expert Review of Respiratory Medicine, 2016, 10, 861-872.	2.5	26
46	Formula and breast feeding in infant food allergy: A population-based study. Journal of Paediatrics and Child Health, 2016, 52, 377-384.	0.8	26
47	Childhood body mass index and adult mammographic density measures that predict breast cancer risk. Breast Cancer Research and Treatment, 2016, 156, 163-170.	2.5	19
48	Polymorphisms affecting vitamin D-binding protein modify the relationship between serum vitamin D (25[OH]D3) and food allergy. Journal of Allergy and Clinical Immunology, 2016, 137, 500-506.e4.	2.9	52
49	Hormonal contraception increases risk of asthma among obese but decreases it among nonobese subjects: a prospective, population-based cohort study. ERJ Open Research, 2015, 1, 00026-2015.	2.6	12
50	Response to: "Occupational asthma contribution to phenotyping adult asthma by using age-of-asthma onset clustering". Expert Review of Respiratory Medicine, 2015, 9, 389-390.	2.5	1
51	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	12.8	148
52	Which infants with eczema are at risk of food allergy? Results from a population-based cohort. Clinical and Experimental Allergy, 2015, 45, 255-264.	2.9	249
53	Differential factors associated with challenge-proven food allergy phenotypes in a population cohort of infants: a latent class analysis. Clinical and Experimental Allergy, 2015, 45, 953-963.	2.9	59
54	Age-of-asthma onset as a determinant of different asthma phenotypes in adults: a systematic review and meta-analysis of the literature. Expert Review of Respiratory Medicine, 2015, 9, 109-123.	2.5	83

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55	Cohort Profile: The HealthNuts Study: Population prevalence and environmental/genetic predictors of food allergy. <i>International Journal of Epidemiology</i> , 2015, 44, 1161-1171.	1.9	80
56	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015, 47, 1449-1456.	21.4	529
57	Paracetamol exposure in pregnancy and early childhood and development of childhood asthma: a systematic review and meta-analysis. <i>Archives of Disease in Childhood</i> , 2015, 100, 81-89.	1.9	88
58	Exposure to "farming" and objective markers of atopy: a systematic review and meta-analysis. <i>Clinical and Experimental Allergy</i> , 2015, 45, 744-757.	2.9	46
59	Environmental and genetic determinants of vitamin D insufficiency in 12-month-old infants. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 445-454.	2.5	23
60	Childhood Wheeze Phenotypes Show Less Than Expected Growth in FEV ₁ across Adolescence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1351-1358.	5.6	75
61	CD14 polymorphisms, microbial exposure and allergic diseases: a systematic review of gene-environment interactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1440-1453.	5.7	38
62	Domestic airborne pollutants and asthma and respiratory symptoms in middle age. <i>Respirology</i> , 2014, 19, 411-418.	2.3	11
63	Atopic dermatitis and the atopic march revisited. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 17-27.	5.7	315
64	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.	2.9	195
65	Early-Life Risk Factors for Childhood Wheeze Phenotypes in a High-Risk Birth Cohort. <i>Journal of Pediatrics</i> , 2014, 164, 289-294.e2.	1.8	53
66	Methylation of the filaggrin gene promoter does not affect gene expression and allergy. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 608-610.	2.6	13
67	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	21.4	221
68	A new regulatory variant in the interleukin-6 receptor gene associates with asthma risk. <i>Genes and Immunity</i> , 2013, 14, 441-446.	4.1	27
69	The association of asthma with BMI and menarche in the 1958 British Birth Cohort. <i>Journal of Asthma</i> , 2013, 50, 751-758.	1.7	21
70	Vitamin D insufficiency is associated with challenge-proven food allergy in infants. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1109-1116.e6.	2.9	223
71	Association between latitude and allergic diseases: a longitudinal study from childhood to middle-age. <i>Annals of Allergy, Asthma and Immunology</i> , 2013, 110, 80-85.e1.	1.0	23
72	Ambient wood smoke, traffic pollution and adult asthma prevalence and severity. <i>Respirology</i> , 2013, 18, 1101-1107.	2.3	25

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73	The Interplay between the Effects of Lifetime Asthma, Smoking, and Atopy on Fixed Airflow Obstruction in Middle Age. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 42-48.	5.6	108
74	Occupational Exposures and the Development of New-onset Asthma. Journal of Occupational and Environmental Medicine, 2013, 55, 235-239.	1.7	10
75	The Impact of Family History of Allergy on Risk of Food Allergy: A Population-Based Study of Infants. International Journal of Environmental Research and Public Health, 2013, 10, 5364-5377.	2.6	101
76	Hairdressers presenting to an occupational dermatology clinic in Melbourne, Australia. Contact Dermatitis, 2013, 68, 300-306.	1.4	58
77	Persistent pollen exposure during infancy is associated with increased risk of subsequent childhood asthma and hayfever. Clinical and Experimental Allergy, 2013, 43, 337-343.	2.9	38
78	Adult Serum Cytokine Concentrations and the Persistence of Asthma. International Archives of Allergy and Immunology, 2013, 161, 342-350.	2.1	8
79	Childhood Infections and the Risk of Asthma. Chest, 2012, 142, 647-654.	0.8	28
80	Pets at birth do not increase allergic disease in at-risk children. Clinical and Experimental Allergy, 2012, 42, 1377-1385.	2.9	37
81	Filaggrin loss-of-function mutations do not predict food allergy over and above the risk of food sensitization among infants. Journal of Allergy and Clinical Immunology, 2012, 130, 1211-1213.e3.	2.9	83
82	Does eczema in infancy cause hay fever, asthma, or both in childhood? Insights from a novel regression model of sibling data. Journal of Allergy and Clinical Immunology, 2012, 130, 1117-1122.e1.	2.9	56
83	Exposure to Cats: Update on Risks for Sensitization and Allergic Diseases. Current Allergy and Asthma Reports, 2012, 12, 413-423.	5.3	37
84	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. Nature Genetics, 2012, 44, 187-192.	21.4	311
85	Understanding the evidence for and against the role of breastfeeding in allergy prevention. Clinical and Experimental Allergy, 2012, 42, 827-851.	2.9	105
86	Reasons for ongoing participation in a longitudinal cohort study. Australian and New Zealand Journal of Public Health, 2012, 36, 397-398.	1.8	3
87	Genome-Wide Association Studies of Asthma in Population-Based Cohorts Confirm Known and Suggested Loci and Identify an Additional Association near HLA. PLoS ONE, 2012, 7, e44008.	2.5	111
88	Prevalence of challenge-proven IgE-mediated food allergy using population-based sampling and predetermined challenge criteria in infants. Journal of Allergy and Clinical Immunology, 2011, 127, 668-676.e2.	2.9	851
89	Childhood eczema and rhinitis predict atopic but not nonatopic adult asthma: A prospective cohort study over 4 decades. Journal of Allergy and Clinical Immunology, 2011, 127, 1473-1479.e1.	2.9	90
90	Early-life risk factors and incidence of rhinitis: Results from the European Community Respiratory Health Study—an international population-based cohort study. Journal of Allergy and Clinical Immunology, 2011, 128, 816-823.e5.	2.9	55

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91	House dust mite sensitization in toddlers predicts current wheeze at age 12 years. Journal of Allergy and Clinical Immunology, 2011, 128, 782-788.e9.	2.9	105
92	Factors influencing asthma remission: a longitudinal study from childhood to middle age. Thorax, 2011, 66, 508-513.	5.6	91
93	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. Lancet, The, 2011, 378, 1006-1014.	13.7	345
94	A Review of the Impact of Occupational Contact Dermatitis on Quality of Life. Journal of Allergy, 2011, 2011, 1-12.	0.7	24
95	Disease severity and quality of life in a follow-up study of patients with occupational contact dermatitis. Contact Dermatitis, 2011, 65, 138-145.	1.4	29
96	Ambient wood smoke exposure and respiratory symptoms in Tasmania, Australia. Science of the Total Environment, 2010, 409, 294-299.	8.0	8
97	Does the Occupational Contact Dermatitis Disease Severity Index correlate with quality of life in patients with occupational contact dermatitis of the hands?. Contact Dermatitis, 2010, 62, 251-252.	1.4	5
98	Childhood immunization and atopic disease into middle-age - a prospective cohort study. Pediatric Allergy and Immunology, 2010, 21, 301-306.	2.6	28
99	Early childhood infections and immunisation and the development of allergic disease in particular asthma in a high-risk cohort: A prospective study of allergy-prone children from birth to six years. Pediatric Allergy and Immunology, 2010, 21, 1076-1085.	2.6	31
100	Positionally cloned genes and age-specific effects in asthma and atopy: an international population-based cohort study (ECRHS). Thorax, 2010, 65, 124-131.	5.6	25
101	Can early introduction of egg prevent egg allergy in infants? A population-based study. Journal of Allergy and Clinical Immunology, 2010, 126, 807-813.	2.9	357
102	Poor lung function and tonsillectomy in childhood are associated with mortality from age 18 to 44. Respiratory Medicine, 2010, 104, 808-815.	2.9	7
103	Adherence to asthma management guidelines by middle-aged adults with current asthma. Thorax, 2009, 64, 1025-1031.	5.6	54
104	Relevance of the hygiene hypothesis to early vs. late onset allergic rhinitis. Clinical and Experimental Allergy, 2009, 39, 370-378.	2.9	26
105	The additive value of patch testing with patients' own products at an occupational dermatology clinic. Contact Dermatitis, 2009, 61, 231-235.	1.4	24
106	Does Eczema Lead to Asthma?. Journal of Asthma, 2009, 46, 429-436.	1.7	53
107	Occupational contact urticaria: Australian data. British Journal of Dermatology, 2008, 159, 125-131.	1.5	79
108	Childhood eczema and asthma incidence and persistence: A cohort study from childhood to middle age. Journal of Allergy and Clinical Immunology, 2008, 122, 280-285.	2.9	97

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109	Associations between reduced diffusing capacity and airflow obstruction in community-based subjects. <i>Respiratory Medicine</i> , 2007, 101, 1730-1737.	2.9	15
110	Breast-feeding and atopic disease: A cohort study from childhood to middle age. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 1051-1057.	2.9	114
111	Childhood allergic rhinitis predicts asthma incidence and persistence to middle age: A longitudinal study. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 863-869.	2.9	195
112	Microsomal Epoxide Hydrolase Is Not Associated with COPD in a Community-Based Sample. <i>Human Biology</i> , 2006, 78, 705-717.	0.2	18
113	How have we been managing chronic obstructive pulmonary disease in Australia?. <i>Internal Medicine Journal</i> , 2006, 36, 92-99.	0.8	23
114	Association of IL8, CXCR2 and TNF- α polymorphisms and airway disease. <i>Journal of Human Genetics</i> , 2006, 51, 196-203.	2.3	41
115	β 2-adrenergic receptor polymorphisms are associated with asthma and COPD in adults. <i>Journal of Human Genetics</i> , 2006, 51, 943-951.	2.3	42
116	Changes in indoor allergen and fungal levels predict changes in asthma activity among young adults. <i>Clinical and Experimental Allergy</i> , 2005, 35, 907-913.	2.9	70
117	Biological dust exposure in the workplace is a risk factor for chronic obstructive pulmonary disease. <i>Thorax</i> , 2005, 60, 645-651.	5.6	214
118	Residential characteristics predict changes in Der p 1, Fel d 1 and ergosterol but not fungi over time. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1281-1288.	2.9	13
119	Wheeze not current asthma affects quality of life in young adults with asthma. <i>Thorax</i> , 2002, 57, 165-167.	5.6	21
120	GSTT1 null genotype increases risk of premenopausal breast cancer. <i>Cancer Letters</i> , 2002, 181, 73-79.	7.2	19
121	Prevalence of respiratory symptoms related to chronic obstructive pulmonary disease and asthma among middle aged and older adults. <i>Respirology</i> , 2002, 7, 325-331.	2.3	63
122	Reduction of peptic ulcer disease and <i>Helicobacter pylori</i> infection but increase of reflux esophagitis in Western Sydney between 1990 and 1998. <i>Digestive Diseases and Sciences</i> , 2001, 46, 2716-2723.	2.3	37