Brett G Toelle

List of Publications by Citations

106 papers	3,432 citations	33 h-index	56 g-index
118 ext. papers	3,855 ext. citations	5.8 avg, IF	4.55 L-index

#	Paper	IF	Citations
106	House dust mite allergens. A major risk factor for childhood asthma in Australia. *American Journal of Respiratory and Critical Care Medicine*, **1996**, 153, 141-6	10.2	383
105	Toward a definition of asthma for epidemiology. *The American Review of Respiratory Disease*, **1992**, 146, 633-7		241
104	The effects of body weight on airway calibre. *European Respiratory Journal*, **2005**, 25, 896-901	13.6	134
103	The effect of neonatal BCG vaccination on atopy and asthma at age 7 to 14 years: an historical cohort study in a community with a very low prevalence of tuberculosis infection and a high prevalence of atopic disease. *Journal of Allergy and Clinical Immunology*, **2003**, 111, 541-9	11.5	106
102	Prevalence of asthma and allergy in schoolchildren in Belmont, Australia: three cross sectional surveys over 20 years. *BMJ, The*, **2004**, 328, 386-7	5.9	101
101	Prevalence and severity of childhood asthma and allergic sensitisation in seven climatic regions of New South Wales. *Medical Journal of Australia*, **1995**, 163, 22-6	4	99
100	Tuberculosis associates with both airflow obstruction and low lung function: BOLD results. *European Respiratory Journal*, **2015**, 46, 1104-12	13.6	94
99	Age-specific relationship between CD14 and atopy in a cohort assessed from age 8 to 25 years. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 615-22	10.2	90
98	An exercise challenge protocol for epidemiological studies of asthma in children: comparison with histamine challenge. *European Respiratory Journal*, **1994**, 7, 43-9	13.6	89
97	Continuing the debate about measuring asthma in population studies. *Thorax*, **2001**, 56, 406-11	7.3	81
96	Repeatability of peak nasal inspiratory flow measurements and utility for assessing the severity of rhinitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2005**, 60, 795-800	9.3	80
95	Respiratory symptoms and illness in older Australians: the Burden of Obstructive Lung Disease (BOLD) study. *Medical Journal of Australia*, **2013**, 198, 144-8	4	79
94	Mite allergen (Der p 1) concentration in houses and its relation to the presence and severity of asthma in a population of Sydney schoolchildren. *Journal of Allergy and Clinical Immunology*, **1995**, 96, 441-8	11.5	74
93	Lung function growth and its relation to airway hyperresponsiveness and recent wheeze. Results from a longitudinal population study. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 161, 1820-4	10.2	71
92	Risk factors for onset and remission of atopy, wheeze, and airway hyperresponsiveness. *Thorax*, **2002**, 57, 104-9	7.3	66
91	Childhood factors that predict asthma in young adulthood. *European Respiratory Journal*, **2004**, 23, 66-70	13.6	63
90	The impact of COPD on health status: findings from the BOLD study. *European Respiratory Journal*, **2013**, 42, 1472-83	13.6	61

89	Weight gain in infancy and vascular risk factors in later childhood. *Pediatrics*, **2013**, 131, e1821-8	7.4	59
88	The association of comorbid anxiety and depression with asthma-related quality of life and symptom perception in adults. *Respirology*, **2008**, 13, 695-702	3.6	58
87	Serum IgE levels, atopy, and asthma in young adults: results from a longitudinal cohort study. *Allergy: European Journal of Allergy and Clinical Immunology*, **1996**, 51, 804-810	9.3	58
86	Reliability of a respiratory history questionnaire and effect of mode of administration on classification of asthma in children. *Chest*, **1992**, 102, 153-7	5.3	57
85	Eight-year outcomes of the Childhood Asthma Prevention Study. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 388-9, 389.e1-3	11.5	56
84	Anxiety, panic and adult asthma: a cognitive-behavioral perspective. *Respiratory Medicine*, **2007**, 101, 194-202	4.6	53
83	Repeatability of histamine bronchial challenge and comparability with methacholine bronchial challenge in a population of Australian schoolchildren. *The American Review of Respiratory Disease*, **1991**, 144, 338-43		52
82	The Australian Child Health and Air Pollution Study (ACHAPS): A national population-based cross-sectional study of long-term exposure to outdoor air pollution, asthma, and lung function. *Environment International*, **2018**, 120, 394-403	12.9	47
81	Dietary supplementation with n-3 polyunsaturated fatty acids in early childhood: effects on blood pressure and arterial structure and function at age 8 y. *American Journal of Clinical Nutrition*, **2009**, 90, 438-46	7	45
80	Presence and timing of cat ownership by age 18 and the effect on atopy and asthma at age 28. *Journal of Allergy and Clinical Immunology*, **2004**, 113, 433-8	11.5	45
79	Systematic review and meta-analysis investigating breast feeding and childhood wheezing illness. *Paediatric and Perinatal Epidemiology*, **2011**, 25, 507-18	2.7	42
78	Predictive value of blood eosinophils and exhaled nitric oxide in adults with mild asthma: a prespecified subgroup analysis of an open-label, parallel-group, randomised controlled trial. *Lancet Respiratory Medicine,the*, **2020**, 8, 671-680	35.1	40
77	Asthma management and outcomes in Australia: a nation-wide telephone interview survey. *Respirology*, **2007**, 12, 212-9	3.6	38
76	Robust estimation of experimentwise P values applied to a genome scan of multiple asthma traits identifies a new region of significant linkage on chromosome 20q13. *American Journal of Human Genetics*, **2005**, 77, 1075-85	11	38
75	House dust mites and mite allergens in public places. *Journal of Allergy and Clinical Immunology*, **1992**, 89, 1196-7	11.5	35
74	Analysis of adherence to peak flow monitoring when recording of data is electronic. *BMJ: British Medical Journal*, **2002**, 324, 146-7		34
73	Overdiagnosis of COPD in Subjects With Unobstructed Spirometry: A BOLD Analysis. *Chest*, **2019**, 156, 277-288	5.3	33
72	Respiratory health effects of exposure to low-NOx unflued gas heaters in the classroom: a double-blind, cluster-randomized, crossover study. *Environmental Health Perspectives*, **2010**, 118, 1476-82	8.4	31

71	Evaluation of a community-based asthma management program in a population sample of schoolchildren. *Medical Journal of Australia*, **1993**, 158, 742-6	4	31
70	Short-term variability of airway caliber-a marker of asthma?. *Journal of Applied Physiology*, **2007**, 103, 296-304	3.7	30
69	The cost of childhood asthma to Australian families. *Pediatric Pulmonology*, **1995**, 19, 330-5	3.5	27
68	Predictive nature of bronchial responsiveness and respiratory symptoms in a one year cohort study of Sydney schoolchildren. *European Respiratory Journal*, **1993**, 6, 662-9	13.6	27
67	The burden of asthma in children: an Australian perspective. *Paediatric Respiratory Reviews*, **2005**, 6, 20-7	4.8	26
66	Improving paediatric asthma outcomes in primary health care: a randomised controlled trial. *Medical Journal of Australia*, **2011**, 195, 405-9	4	24
65	Liquid versus solid energy intake in relation to body composition among Australian children. *Journal of Human Nutrition and Dietetics*, **2015**, 28 Suppl 2, 70-9	3.1	23
64	Rhinoviruses significantly affect day-to-day respiratory symptoms of children with asthma. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 663-9.e12	11.5	23
63	Outcomes of the childhood asthma prevention study at 11.5 years. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 1220-1222.e3	11.5	23
62	Variance components analyses of multiple asthma traits in a large sample of Australian families ascertained through a twin proband. *Allergy: European Journal of Allergy and Clinical Immunology*, **2006**, 61, 245-53	9.3	22
61	Weight gain in infancy is associated with carotid extra-medial thickness in later childhood. *Atherosclerosis*, **2014**, 233, 370-374	3.1	20
60	Carotid extra-medial thickness in childhood: early life effects on the arterial adventitia. *Atherosclerosis*, **2012**, 222, 478-82	3.1	20
59	Exasperations" of asthma: a qualitative study of patient language about worsening asthma. *Medical Journal of Australia*, **2006**, 184, 451-4	4	20
58	Weighted road density and allergic disease in children at high risk of developing asthma. *PLoS ONE*, **2014**, 9, e98978	3.7	19
57	Prevalence of airflow obstruction and reduced forced vital capacity in an Aboriginal Australian population: The cross-sectional BOLD study. *Respirology*, **2015**, 20, 766-74	3.6	16
56	Omega-3 supplementation during the first 5 years of life and later academic performance: a randomised controlled trial. *European Journal of Clinical Nutrition*, **2015**, 69, 419-24	5.2	15
55	Telomere length in early childhood: Early life risk factors and association with carotid intima-media thickness in later childhood. *European Journal of Preventive Cardiology*, **2016**, 23, 1086-92	3.9	15
54	Particulate masks and non-powdered gloves reduce latex allergen inhaled by healthcare workers. *Clinical and Experimental Allergy*, **2002**, 32, 1166-9	4.1	15

53	Lung function is associated with arterial stiffness in children. *PLoS ONE*, **2011**, 6, e26303	3.7	15
52	Occupational asthma in New South Wales (NSW): a population-based study. *Occupational Medicine*, **2006**, 56, 258-62	2.1	14
51	Health System Costs of Treating Latent Tuberculosis Infection With Four Months of Rifampin Versus Nine Months of Isoniazid in Different Settings. *Annals of Internal Medicine*, **2020**, 173, 169-178	8	14
50	Weight Gain Trajectories from Birth to Adolescence and Cardiometabolic Status in Adolescence. *Journal of Pediatrics*, **2019**, 208, 89-95.e4	3.6	13
49	Written individualised management plans for asthma in children and adults. *Cochrane Database of Systematic Reviews*, **2002**, CD002171		13
48	Effects of gas and other fume emitting heaters on the development of asthma during childhood. *Thorax*, **2004**, 59, 741-5	7.3	12
47	Problems and possibilities in understanding the natural history of asthma. *Journal of Allergy and Clinical Immunology*, **2000**, 106, S144-52	11.5	12
46	Comparison of two epidemiological protocols for measuring airway responsiveness and allergic sensitivity in adults. *European Respiratory Journal*, **1994**, 7, 1798-804	13.6	12
45	Comparison of three definitions of asthma: a longitudinal perspective. *Journal of Asthma*, **1997**, 34, 161-7	1.9	11
44	Sex differences in aortic augmentation index in adolescents. *Journal of Hypertension*, **2017**, 35, 2016-2024	4.9	10
43	Absence of back to school peaks in human rhinovirus detections and respiratory symptoms in a cohort of children with asthma. *Journal of Medical Virology*, **2016**, 88, 578-87	19.7	10
42	Feasibility study of a communication and education asthma intervention for general practitioners in Australia. *Australian Journal of Primary Health*, **2010**, 16, 75-80	1.4	9
41	Use of a paper disposable cup as a spacer is effective for the first-aid management of asthma. *Respiratory Medicine*, **2003**, 97, 86-9	4.6	9
40	Carotid extramedial thickness is associated with local arterial stiffness in children. *Journal of Hypertension*, **2016**, 34, 109-15	1.9	9
39	Childhood fish oil supplementation modifies associations between traffic related air pollution and allergic sensitisation. *Environmental Health*, **2018**, 17, 27	6	8
38	Improved spirometric detection of small airway narrowing: concavity in the expiratory flow-volume curve in people aged over 40 years. *International Journal of COPD*, **2017**, 12, 3567-3577	3	7
37	Asymmetric dimethylarginine and asthma: results from the Childhood Asthma Prevention Study. *European Respiratory Journal*, **2013**, 41, 1234-7	13.6	7
36	Early and late childhood telomere length predict subclinical atherosclerosis at age 14 yrs. - The CardioCAPS study. *International Journal of Cardiology*, **2019**, 278, 250-253	3.2	7

35	House dust mite increase in Wagga Wagga houses. *Australian and New Zealand Journal of Medicine*, **1993**, 23, 409		6
34	Tree pollen exposure is associated with reduced lung function in children. *Clinical and Experimental Allergy*, **2020**, 50, 1176-1183	4.1	6
33	Prevalence and burden of breathlessness in Australian adults: The National Breathlessness Survey-a cross-sectional web-based population survey. *Respirology*, **2021**, 26, 768-775	3.6	6
32	Impact of childhood asthma on growth trajectories in early adolescence: Findings from the Childhood Asthma Prevention Study (CAPS). *Respirology*, **2017**, 22, 460-465	3.6	5
31	Recruiting and retaining general practitioners to a primary care asthma-intervention study in Australia. *Australian Journal of Primary Health*, **2014**, 20, 98-102	1.4	5
30	A snapshot of general practitioner attitudes, levels of confidence and self-reported paediatric asthma management practice. *Australian Journal of Primary Health*, **2011**, 17, 288-93	1.4	5
29	Translation of an evidence-based asthma intervention: Physician Asthma Care Education (PACE) in the United States and Australia. *Primary Care Respiratory Journal: Journal of the General Practice Airways Group*, **2013**, 22, 29-36		5
28	Qualitative research: a path to better healthcare. *Medical Journal of Australia*, **1998**, 169, 327-9	4	5
27	The effect of parental smoking on presence of wheez or airway hyper-responsiveness in New South Wales school children. *Australian and New Zealand Journal of Medicine*, **1999**, 29, 794-800		5
26	Sero-Prevalence of SARS-CoV-2 Antibodies in High-Risk Populations in Vietnam. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	5
25	Cohort profile: The Childhood Asthma Prevention Study (CAPS). *International Journal of Epidemiology*, **2018**, 47, 1736-1736k	7.8	5
24	Pertussis vaccination and allergic illness in Australian children. *Pediatric Allergy and Immunology*, **2020**, 31, 857-861	4.2	4
23	Respiratory health before and after the opening of a road traffic tunnel: a planned evaluation. *PLoS ONE*, **2012**, 7, e48921	3.7	4
22	Snoring is not associated with adverse effects on blood pressure, arterial structure or function in 8-year-old children: the Childhood Asthma Prevention Study (CAPS). *Journal of Paediatrics and Child Health*, **2011**, 47, 518-23	1.3	4
21	The ebb and flow of asthma. *Thorax*, **2005**, 60, 87-8	7.3	4
20	AHR in asthma. *Thorax*, **2002**, 57, 186; author reply 186	7.3	4
19	Adherence to peak flow monitoring. Information provided by meters should be part of self management plan. *BMJ, The*, **2002**, 324, 1157; author reply 1157	5.9	3
18	Psychological and Medical Characteristics Associated with Non-Adherence to Prescribed Daily Inhaled Corticosteroid. *Journal of Personalized Medicine*, **2020**, 10,	3.6	3

17	Undiagnosed and Misdiagnosed Chronic Obstructive Pulmonary Disease: Data from the BOLD Australia Study. *International Journal of COPD*, **2021**, 16, 467-475	3	3
16	Atopy in people aged 40 years and over: Relation to airflow limitation. *Clinical and Experimental Allergy*, **2017**, 47, 1625-1630	4.1	2
15	Assessing the performance of two lung age equations on the Australian population: using data from the cross-sectional BOLD-Australia study. *Nicotine and Tobacco Research*, **2014**, 16, 1629-37	4.9	2
14	Subject discomfort associated with the histamine challenge in a population study. *Respiratory Medicine*, **2002**, 96, 990-2	4.6	2
13	Validation of the inhaler adherence questionnaire. *BMC Psychology*, **2020**, 8, 95	2.8	2
12	Normal limits for oscillometric bronchodilator responses and relationships with clinical factors. *ERJ Open Research*, **2021**, 7,	3.5	2
11	COPD: Should Diagnosis Match Physiology?. *Chest*, **2020**, 157, 473-475	5.3	1
10	BMD and airways disease. *Thorax*, **2002**, 57, 186	7.3	1
9	The prevalence of SARS-CoV-2 antibodies in quarantine workers and high-risk communities in Vietnam. *IJID Regions*, **2022**, 2, 137-140		1
8	Experimentally determined deposition of ambient urban ultrafine particles in the respiratory tract of children. *Environment International*, **2020**, 145, 106094	12.9	1
7	Characteristics in Stages of Change and Decisional Balance among Smokers: The Burden of Obstructive Lung Diseases (BOLD)-Australia Study. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	1
6	Willingness to receive vaccination against COVID-19: results from a large nationally representative Australian population survey		1
5	Prevalence of chronic obstructive pulmonary disease with breathlessness in Australia: weighted using the 2016 Australian census. *Internal Medicine Journal*, **2021**, 51, 784-787	1.6	0
4	PARENTALLY REPORTED SNORING IS NOT ENOUGH INFORMATION TO JUSTIFY TREATMENT. *Journal of Paediatrics and Child Health*, **2012**, 48, 78-78	1.3	
3	Problems and possibilities in understanding the natural history of asthma. *Disease-a-Month*, **2001**, 47, 16-33	4.4	
2	A national cross-sectional study of exposure to outdoor nitrogen dioxide and aeroallergen sensitization in Australian children aged 7-11 years. *Environmental Pollution*, **2021**, 271, 116330	9.3	
1	Non-Pharmacological and Complementary Interventions to Manage Asthma193-204		