

Gayan Bowatte

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,293
citations

236925

25
h-index

149698

56
g-index

64
all docs

64
docs citations

64
times ranked

5158
citing authors

#	ARTICLE	IF	CITATIONS
1	Breastfeeding and asthma and allergies: a systematic review and meta-analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 38-53.	1.5	405
2	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
3	The influence of childhood traffic-related air pollution exposure on asthma, allergy and sensitization: a systematic review and a meta-analysis of birth cohort studies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 245-256.	5.7	367
4	Breastfeeding and childhood acute otitis media: a systematic review and meta-analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 85-95.	1.5	211
5	Breastfeeding and the risk of dental caries: a systematic review and meta-analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 62-84.	1.5	157
6	Association of Long-term Exposure to Ambient Air Pollutants With Risk Factors for Cardiovascular Disease in China. <i>JAMA Network Open</i> , 2019, 2, e190318.	5.9	143
7	Traffic-related air pollution exposure is associated with allergic sensitization, asthma, and poor lung function in middle age. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 122-129.e1.	2.9	117
8	Exposure to ambient air pollution and blood lipids in adults: The 33 Communities Chinese Health Study. <i>Environment International</i> , 2018, 119, 485-492.	10.0	116
9	Residential greenness is differentially associated with childhood allergic rhinitis and aeroallergen sensitization in seven birth cohorts. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1461-1471.	5.7	106
10	Residential greenness and allergic respiratory diseases in children and adolescents – A systematic review and meta-analysis. <i>Environmental Research</i> , 2017, 159, 212-221.	7.5	86
11	Traffic-related air pollution exposure over a 5-year period is associated with increased risk of asthma and poor lung function in middle age. <i>European Respiratory Journal</i> , 2017, 50, 1602357.	6.7	80
12	Tadpoles as dengue mosquito (<i>Aedes aegypti</i>) egg predators. <i>Biological Control</i> , 2013, 67, 469-474.	3.0	79
13	Is smaller worse? New insights about associations of PM1 and respiratory health in children and adolescents. <i>Environment International</i> , 2018, 120, 516-524.	10.0	68
14	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
15	Associations of greenness with diabetes mellitus and glucose-homeostasis markers: The 33 Communities Chinese Health Study. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 283-290.	4.3	63
16	Body mass index and weight change are associated with adult lung function trajectories: the prospective ECRHS study. <i>Thorax</i> , 2020, 75, 313-320.	5.6	49
17	Positive association between short-term ambient air pollution exposure and children blood pressure in China—Result from the Seven Northeast Cities (SNEC) study. <i>Environmental Pollution</i> , 2017, 224, 698-705.	7.5	48
18	Childhood Respiratory Risk Factor Profiles and Middle-Age Lung Function: A Prospective Cohort Study from the First to Sixth Decade. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1057-1066.	3.2	45

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19	Trajectories of asthma and allergies from 7 years to 53 years and associations with lung function and extrapulmonary comorbidity profiles: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 387-396.	10.7	42
20	Association between very to moderate preterm births, lung function deficits, and COPD at age 53 years: analysis of a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 478-484.	10.7	42
21	Air Pollution and Otitis Media in Children: A Systematic Review of Literature. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 257.	2.6	39
22	Detecting sleep apnoea syndrome in primary care with screening questionnaires and the Epworth sleepiness scale. <i>Medical Journal of Australia</i> , 2019, 211, 65-70.	1.7	35
23	Greenspace and Atopic Sensitization in Children and Adolescents—A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2539.	2.6	32
24	The Dose-Response Association between Nitrogen Dioxide Exposure and Serum Interleukin-6 Concentrations. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1015.	4.1	29
25	Human milk oligosaccharide profiles and allergic disease up to 18 years. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1041-1048.	2.9	29
26	Occupational exposure and risk of chronic obstructive pulmonary disease: a systematic review and meta-analysis. <i>Expert Review of Respiratory Medicine</i> , 2016, 10, 861-872.	2.5	26
27	The role of outdoor fungi on asthma hospital admissions in children and adolescents: A 5-year time stratified case-crossover analysis. <i>Environmental Research</i> , 2017, 154, 42-49.	7.5	25
28	Association of breast milk fatty acids with allergic disease outcomes—A systematic review. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 295-312.	5.7	25
29	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
30	Lifetime Risk Factors for Pre- and Post-Bronchodilator Lung Function Decline. A Population-based Study. <i>Annals of the American Thoracic Society</i> , 2020, 17, 302-312.	3.2	24
31	Interactions of GST Polymorphisms in Air Pollution Exposure and Respiratory Diseases and Allergies. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 85.	5.3	23
32	Association between ambient air pollution and development and persistence of atopic and non-atopic eczema in a cohort of adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2524-2534.	5.7	23
33	<i>Taruga</i> (Anura: Rhacophoridae), a new genus of foam-nesting tree frogs endemic to Sri Lanka. <i>Ceylon Journal of Science (Biological Sciences)</i> , 2011, 39, 75-94.	0.2	23
34	Prediction models for the development of COPD: a systematic review. <i>International Journal of COPD</i> , 2018, Volume 13, 1927-1935.	2.3	22
35	The association between traffic-related air pollution and obstructive sleep apnea: A systematic review. <i>Sleep Medicine Reviews</i> , 2020, 54, 101360.	8.5	22
36	Do Variants in GSTs Modify the Association between Traffic Air Pollution and Asthma in Adolescence?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 485.	4.1	20

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37	Exposure to household air pollution over 10 years is related to asthma and lung function decline. <i>European Respiratory Journal</i> , 2021, 57, 2000602.	6.7	18
38	Association between the age of solid food introduction and eczema: A systematic review and a meta-analysis. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1000-1015.	2.9	17
39	The influence of childhood traffic-related air pollution exposure on asthma, allergy and sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1350-1352.	5.7	16
40	The Role of Breastfeeding in Childhood Otitis Media. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 68.	5.3	15
41	Residential air pollution does not modify the positive association between physical activity and lung function in current smokers in the ECRHS study. <i>Environment International</i> , 2018, 120, 364-372.	10.0	15
42	Interaction of Glutathione S-Transferase M1, A1, and P1 Genes With Early Life Tobacco Smoke Exposure on Lung Function in Adolescents. <i>Chest</i> , 2019, 155, 94-102.	0.8	12
43	Lung function trajectory and biomarkers in the Tasmanian Longitudinal Health Study. <i>ERJ Open Research</i> , 2021, 7, 00020-2021.	2.6	11
44	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
45	Morphology and ecology of tadpoles of <i>Ramanella obscura</i> (Anura: Microhylidae). <i>Ceylon Journal of Science (Biological Sciences)</i> , 2012, 40, 109-120.	0.2	10
46	Residential NO2 exposure is associated with urgent healthcare use in a thunderstorm asthma cohort. <i>Asia Pacific Allergy</i> , 2018, 8, e33.	1.3	8
47	Household Air Pollution from Biomass Fuel for Cooking and Adverse Fetal Growth Outcomes in Rural Sri Lanka. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1878.	2.6	8
48	Rediscovery of <i>Pseudophilautus semiruber</i> , a diminutive shrub frog (Rhacophoridae: Pseudophilautus) from Sri Lanka. <i>Zootaxa</i> , 2012, 3229, 58.	0.5	7
49	Early Age at Natural Menopause Is Related to Lower Post-Bronchodilator Lung Function. A Longitudinal Population-based Study. <i>Annals of the American Thoracic Society</i> , 2020, 17, 429-437.	3.2	7
50	Conservation in a changing landscape: habitat occupancy of the critically endangered Tennent's leaf-nosed lizard (<i>Ceratophora tennentii</i>) in Sri Lanka. <i>Journal of Natural History</i> , 2015, 49, 1961-1985.	0.5	6
51	Hygienic behavior and allergic sensitization in German adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1915-1918.	5.7	6
52	Impact of lifetime body mass index trajectories on the incidence and persistence of adult asthma. <i>European Respiratory Journal</i> , 2022, 60, 2102286.	6.7	6
53	A new frog species from rapidly dwindling cloud forest streams of Sri Lanka "Lankanectes pera (Anura, Nyctibatrachidae). <i>Zootaxa</i> , 2018, 4461, 519.	0.5	5
54	Parental preconception BMI trajectories from childhood to adolescence and asthma in the future offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2022, , .	2.9	5

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55	The Asthma Family Tree: Evaluating Associations Between Childhood, Parental, and Grandparental Asthma in Seven Chinese Cities. <i>Frontiers in Pediatrics</i> , 2021, 9, 720273.	1.9	4
56	Cleanliness, hygienic habits, and aeroallergen sensitization: German Bitterfeld 3 study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1017-1019.	5.7	3
57	Comparison of apnoea-hypopnoea index and oxygen desaturation index when identifying obstructive sleep apnoea using type-4 sleep studies. <i>Journal of Sleep Research</i> , 2019, 28, e12804.	3.2	3
58	Current pet ownership modifies the adverse association between long-term ambient air pollution exposure and childhood asthma. <i>Clinical and Translational Allergy</i> , 2021, 11, e12005.	3.2	3
59	Childhood "bronchitis" and respiratory outcomes in middle-age: a prospective cohort study from age 7 to 53 years. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001212.	3.0	3
60	Childhood lung function as a determinant of menopause-dependent lung function decline. <i>Maturitas</i> , 2021, 153, 41-47.	2.4	2
61	Bronchodilator reversibility as a diagnostic test for adult asthma: findings from the population-based Tasmanian Longitudinal Health Study. <i>ERJ Open Research</i> , 2021, 7, 00042-2020.	2.6	2
62	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
63	Childhood Measles Is Associated with Lower Risk of Adult Atopic Asthma but Only Among Those Who Had Childhood Eczema. , 2019, , .		0
64	Protein levels, air pollution and vitamin D deficiency: links with allergy. <i>ERJ Open Research</i> , 2021, 7, 00237-2021.	2.6	0