Gayan Bowatte

List of Publications by Year in descending order

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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	Parental preconception BMI trajectories from childhood to adolescence and asthma in the future offspring. Journal of Allergy and Clinical Immunology, 2022, , .	2.9	5
2	Association between very to moderate preterm births, lung function deficits, and COPD at age 53 years: analysis of a prospective cohort study. Lancet Respiratory Medicine,the, 2022, 10, 478-484.	10.7	42
3	Impact of lifetime body mass index trajectories on the incidence and persistence of adult asthma. European Respiratory Journal, 2022, 60, 2102286.	6.7	6
4	Childhood â€˜bronchitisâ€™ and respiratory outcomes in middle-age: a prospective cohort study from age 7 to 53 years. BMJ Open Respiratory Research, 2022, 9, e001212.	3.0	3
5	Human milk oligosaccharide profiles and allergic disease up to 18 years. Journal of Allergy and Clinical Immunology, 2021, 147, 1041-1048.	2.9	29
6	Trajectories of asthma and allergies from 7 years to 53 years and associations with lung function and extrapulmonary comorbidity profiles: a prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 387-396.	10.7	42
7	Exposure to household air pollution over 10â€…years is related to asthma and lung function decline. European Respiratory Journal, 2021, 57, 2000602.	6.7	18
8	Household Air Pollution from Biomass Fuel for Cooking and Adverse Fetal Growth Outcomes in Rural Sri Lanka. International Journal of Environmental Research and Public Health, 2021, 18, 1878.	2.6	8
9	Current pet ownership modifies the adverse association between longâ€term ambient air pollution exposure and childhood asthma. Clinical and Translational Allergy, 2021, 11, e12005.	3.2	3
10	Association between ambient air pollution and development and persistence of atopic and nonâ€atopic eczema in a cohort of adults. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2524-2534.	5.7	23
11	Lung function trajectory and biomarkers in the Tasmanian Longitudinal Health Study. ERJ Open Research, 2021, 7, 00020-2021.	2.6	11
12	Childhood lung function as a determinant of menopause-dependent lung function decline. Maturitas, 2021, 153, 41-47.	2.4	2
13	Bronchodilator reversibility as a diagnostic test for adult asthma: findings from the population-based Tasmanian Longitudinal Health Study. ERJ Open Research, 2021, 7, 00042-2020.	2.6	2
14	Protein levels, air pollution and vitamin D deficiency: links with allergy. ERJ Open Research, 2021, 7, 00237-2021.	2.6	0
15	The Asthma Family Tree: Evaluating Associations Between Childhood, Parental, and Grandparental Asthma in Seven Chinese Cities. Frontiers in Pediatrics, 2021, 9, 720273.	1.9	4
16	Early menarche is associated with lower adult lung function: A longitudinal cohort study from the first to sixth decade of life. Respirology, 2020, 25, 289-297.	2.3	10
17	The association between traffic-related air pollution and obstructive sleep apnea: A systematic review. Sleep Medicine Reviews, 2020, 54, 101360.	8.5	22
18	Body mass index and weight change are associated with adult lung function trajectories: the prospective ECRHS study. Thorax, 2020, 75, 313-320.	5.6	49

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19	Lifetime Risk Factors for Pre- and Post-Bronchodilator Lung Function Decline. A Population-based Study. Annals of the American Thoracic Society, 2020, 17, 302-312.	3.2	24
20	Early Age at Natural Menopause Is Related to Lower Post-Bronchodilator Lung Function. A Longitudinal Population-based Study. Annals of the American Thoracic Society, 2020, 17, 429-437.	3.2	7
21	Detecting sleep apnoea syndrome in primary care with screening questionnaires and the Epworth sleepiness scale. Medical Journal of Australia, 2019, 211, 65-70.	1.7	35
22	Residential Exposure to Outdoor Air Pollution and Post-bronchodilator Lung Function Deficits in Mid-Adult Life. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 110-114.	5.6	1
23	Association of Long-term Exposure to Ambient Air Pollutants With Risk Factors for Cardiovascular Disease in China. JAMA Network Open, 2019, 2, e190318.	5.9	143
24	Childhood Measles Is Associated with Lower Risk of Adult Atopic Asthma but Only Among Those Who Had Childhood Eczema. , 2019, , .		0
25	Associations of greenness with diabetes mellitus and glucose-homeostasis markers: The 33 Communities Chinese Health Study. International Journal of Hygiene and Environmental Health, 2019, 222, 283-290.	4.3	63
26	Cleanliness, hygienic habits, and aeroallergen sensitization: German Bitterfeld 3 study. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1017-1019.	5.7	3
27	Comparison of apnoeaâ€“hypopnoea index and oxygen desaturation index when identifying obstructive sleep apnoea using typeâ€4 sleep studies. Journal of Sleep Research, 2019, 28, e12804.	3.2	3
28	Interaction of Glutathione S-Transferase M1,ÂT1, and P1 Genes With Early Life Tobacco Smoke Exposure on Lung Function in Adolescents. Chest, 2019, 155, 94-102.	0.8	12
29	Childhood predictors of lung function trajectories and future COPD risk: a prospective cohort study from the first to the sixth decade of life. Lancet Respiratory Medicine,the, 2018, 6, 535-544.	10.7	381
30	Association between the age of solid food introduction and eczema: A systematic review and a metaâ€analysis. Clinical and Experimental Allergy, 2018, 48, 1000-1015.	2.9	17
31	Traffic related air pollution and development and persistence of asthma and low lung function. Environment International, 2018, 113, 170-176.	10.0	64
32	Do Glutathione S-Transferase Genes Modify the Link between Indoor Air Pollution and Asthma, Allergies, and Lung Function? A Systematic Review. Current Allergy and Asthma Reports, 2018, 18, 20.	5.3	24
33	Association of breast milk fatty acids with allergic disease outcomesâ€”A systematic review. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 295-312.	5.7	25
34	Residential NO2 exposure is associated with urgent healthcare use in a thunderstorm asthma cohort. Asia Pacific Allergy, 2018, 8, e33.	1.3	8
35	Greenspace and Atopic Sensitization in Children and Adolescentsâ€”A Systematic Review. International Journal of Environmental Research and Public Health, 2018, 15, 2539.	2.6	32
36	Exposure to ambient air pollution and blood lipids in adults: The 33 Communities Chinese Health Study. Environment International, 2018, 119, 485-492.	10.0	116

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37	Residential air pollution does not modify the positive association between physical activity and lung function in current smokers in the ECRHS study. Environment International, 2018, 120, 364-372.	10.0	15
38	Is smaller worse? New insights about associations of PM1 and respiratory health in children and adolescents. Environment International, 2018, 120, 516-524.	10.0	68
39	Prediction models for the development of COPD: a systematic review. International Journal of COPD, 2018, Volume 13, 1927-1935.	2.3	22
40	A new frog species from rapidly dwindling cloud forest streams of Sri Lankaâ€"Lankanectes pera (Anura, Nyctibatrachidae). Zootaxa, 2018, 4461, 519.	0.5	5
41	Air Pollution and Otitis Media in Children: A Systematic Review of Literature. International Journal of Environmental Research and Public Health, 2018, 15, 257.	2.6	39
42	Hygienic behavior and allergic sensitization in German adolescents. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1915-1918.	5.7	6
43	Childhood Respiratory Risk Factor Profiles and Middle-Age Lung Function: A Prospective Cohort Study from the First to Sixth Decade. Annals of the American Thoracic Society, 2018, 15, 1057-1066.	3.2	45
44	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
45	Positive association between short-term ambient air pollution exposure and children blood pressure in Chinaâ€"Result from the Seven Northeast Cities (SNEC) study. Environmental Pollution, 2017, 224, 698-705.	7.5	48
46	The role of outdoor fungi on asthma hospital admissions in children and adolescents: A 5-year time stratified case-crossover analysis. Environmental Research, 2017, 154, 42-49.	7.5	25
47	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
48	Residential greenness and allergic respiratory diseases in children and adolescents â€" A systematic review and meta-analysis. Environmental Research, 2017, 159, 212-221.	7.5	86
49	The Doseâ€"Response Association between Nitrogen Dioxide Exposure and Serum Interleukin-6 Concentrations. International Journal of Molecular Sciences, 2017, 18, 1015.	4.1	29
50	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
51	Residential greenness is differentially associated with childhood allergic rhinitis and aeroallergen sensitization in seven birth cohorts. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1461-1471.	5.7	106
52	Interactions of GST Polymorphisms in Air Pollution Exposure and Respiratory Diseases and Allergies. Current Allergy and Asthma Reports, 2016, 16, 85.	5.3	23
53	The Role of Breastfeeding in Childhood Otitis Media. Current Allergy and Asthma Reports, 2016, 16, 68.	5.3	15
54	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

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55	Breastfeeding and asthma and allergies: a systematic review and metaâ€analysis. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 38-53.	1.5	405
56	The influence of childhood traffiâ€related air pollution exposure on asthma, allergy and sensitization: a systematic review and a metaâ€analysis of birth cohort studies. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 245-256.	5.7	367
57	The influence of childhood traffiâ€related air pollution exposure on asthma, allergy and sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1350-1352.	5.7	16
58	Conservation in a changing landscape: habitat occupancy of the critically endangered Tennentâ€™s leaf-nosed lizard (Ceratophora tennentii) in Sri Lanka. Journal of Natural History, 2015, 49, 1961-1985.	0.5	6
59	Breastfeeding and the risk of dental caries: a systematic review and metaâ€analysis. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 62-84.	1.5	157
60	Breastfeeding and childhood acute otitis media: a systematic review and metaâ€analysis. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 85-95.	1.5	211
61	Tadpoles as dengue mosquito (Aedes aegypti) egg predators. Biological Control, 2013, 67, 469-474.	3.0	79
62	Rediscovery of Pseudophilautus semiruber, a diminutive shrub frog (Rhacophoridae: Pseudophilautus) from Sri Lanka. Zootaxa, 2012, 3229, 58.	0.5	7
63	Morphology and ecology of tadpoles of <i>Ramanella obscura</i> (Anura: Microhylidae). Ceylon Journal of Science (Biological Sciences), 2012, 40, 109-120.	0.2	10
64	<i>Taruga</i> (Anura: Rhacophoridae), a new genus of foam-nesting tree frogs endemic to Sri Lanka. Ceylon Journal of Science (Biological Sciences), 2011, 39, 75-94.	0.2	23