Luke D Knibbs

List of Publications by Citations

163 papers	16,999 citations	43 h-index	130 g-index
172 ext. papers	21,749 ext. citations	8.9 avg, IF	6.04 L-index

#	Paper	IF	Citations
163	Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. *Lancet, The*, **2017**, 389, 1907-1918	40	2658
162	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet, The*, **2016**, 388, 1659-1724	40	2431
161	The Global Burden of Cancer 2013. *JAMA Oncology*, **2015**, 1, 505-27	13.4	1870
160	Global, regional, and national deaths, prevalence, disability-adjusted life years, and years lived with disability for chronic obstructive pulmonary disease and asthma, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Respiratory Medicine,the*, **2017**, 5, 691-706	35.1	1119
159	Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet, The*, **2014**, 384, 980-1004	40	950
158	Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015. *Lancet, The*, **2017**, 389, 1885-1906	40	867
157	Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. *Environmental Science & Technology*, **2016**, 50, 79-88	10.3	682
156	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet, The*, **2014**, 384, 1005-70	40	653
155	Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Infectious Diseases, The*, **2018**, 18, 1191-1210	25.5	534
154	Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory tract infections in 195 countries: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Infectious Diseases, The*, **2017**, 17, 1133-1161	25.5	337
153	Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet Respiratory Medicine,the*, **2020**, 8, 585-596	35.1	334
152	Emergence and spread of a human-transmissible multidrug-resistant nontuberculous mycobacterium. *Science*, **2016**, 354, 751-757	33.3	314
151	A machine learning method to estimate PM concentrations across China with remote sensing, meteorological and land use information. *Science of the Total Environment*, **2018**, 636, 52-60	10.2	249
150	Child and Adolescent Health From 1990 to 2015: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. *JAMA Pediatrics*, **2017**, 171, 573-592	8.3	216
149	A review of commuter exposure to ultrafine particles and its health effects. *Atmospheric Environment*, **2011**, 45, 2611-2622	5.3	216
148	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. *Lancet Respiratory Medicine,the*, **2019**, 7, 69-89	35.1	176
147	A national satellite-based land-use regression model for air pollution exposure assessment in Australia. *Environmental Research*, **2014**, 135, 204-11	7.9	110

146	Respiratory effects of air pollution on children. *Pediatric Pulmonology*, **2016**, 51, 94-108	3.5	110
145	Estimating spatiotemporal distribution of PM concentrations in China with satellite remote sensing, meteorology, and land use information. *Environmental Pollution*, **2018**, 233, 1086-1094	9.3	102
144	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	11.5	92
143	Spatiotemporal patterns of PM concentrations over China during 2005-2016: A satellite-based estimation using the random forests approach. *Environmental Pollution*, **2018**, 242, 605-613	9.3	84
142	Exposure to ultrafine particles and PM2.5 in four Sydney transport modes. *Atmospheric Environment*, **2010**, 44, 3224-3227	5.3	77
141	Influence of ventilation and filtration on indoor particle concentrations in urban office buildings. *Atmospheric Environment*, **2013**, 79, 41-52	5.3	75
140	Statistical Methodology in Studies of Prenatal Exposure to Mixtures of Endocrine-Disrupting Chemicals: A Review of Existing Approaches and New Alternatives. *Environmental Health Perspectives*, **2019**, 127, 26001	8.4	72
139	Physical characteristics of the indoor environment that affect health and wellbeing in healthcare facilities: a review. *Intelligent Buildings International*, **2013**, 5, 3-25	1.7	69
138	Effect of cabin ventilation rate on ultrafine particle exposure inside automobiles. *Environmental Science & Technology*, **2010**, 44, 3546-51	10.3	63
137	Vertical particle concentration profiles around urban office buildings. *Atmospheric Chemistry and Physics*, **2012**, 12, 5017-5030	6.8	63
136	Viability of Pseudomonas aeruginosa in cough aerosols generated by persons with cystic fibrosis. *Thorax*, **2014**, 69, 740-5	7.3	62
135	Vacuum cleaner emissions as a source of indoor exposure to airborne particles and bacteria. *Environmental Science & Technology*, **2012**, 46, 534-42	10.3	62
134	Linking In-Vehicle Ultrafine Particle Exposures to On-Road Concentrations. *Atmospheric Environment*, **2012**, 59, 578-586	5.3	59
133	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,	13.6	57
132	Ultrafine particles and PM in the air of cities around the world: Are they representative of each other?. *Environment International*, **2019**, 129, 118-135	12.9	57
131	Community greenness, blood pressure, and hypertension in urban dwellers: The 33 Communities Chinese Health Study. *Environment International*, **2019**, 126, 727-734	12.9	56
130	Room ventilation and the risk of airborne infection transmission in 3 health care settings within a large teaching hospital. *American Journal of Infection Control*, **2011**, 39, 866-72	3.8	55
129	Field study of air change and flow rate in six automobiles. *Indoor Air*, **2009**, 19, 303-13	5.4	53

128	Indoor hospital air and the impact of ventilation on bioaerosols: a systematic review. *Journal of Hospital Infection*, **2019**, 103, 175-184	6.9	52
127	Identifying windows of susceptibility for maternal exposure to ambient air pollution and preterm birth. *Environment International*, **2018**, 121, 317-324	12.9	51
126	Ambient PM air pollution and cardiovascular disease prevalence: Insights from the 33 Communities Chinese Health Study. *Environment International*, **2019**, 123, 310-317	12.9	48
125	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
124	Spatiotemporal variation of PM1 pollution in China. *Atmospheric Environment*, **2018**, 178, 198-205	5.3	46
123	Daily personal exposure to black carbon: A pilot study. *Atmospheric Environment*, **2016**, 132, 296-299	5.3	46
122	Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. *Lancet Infectious Diseases, The*, **2020**, 20, 60-79	25.5	46
121	Environmental contamination and hospital-acquired infection: factors that are easily overlooked. *Indoor Air*, **2015**, 25, 462-74	5.4	44
120	The Urban Liveability Index: developing a policy-relevant urban liveability composite measure and evaluating associations with transport mode choice. *International Journal of Health Geographics*, **2019**, 18, 14	3.5	43
119	Effects of prenatal exposure to air pollution on preeclampsia in Shenzhen, China. *Environmental Pollution*, **2018**, 237, 18-27	9.3	43
118	Is smaller worse? New insights about associations of PM and respiratory health in children and adolescents. *Environment International*, **2018**, 120, 516-524	12.9	42
117	All-cause mortality and long-term exposure to low level air pollution in the 45 and up studyS cohort, Sydney, Australia, 2006-2015. *Environment International*, **2019**, 126, 762-770	12.9	41
116	Association between community greenness and obesity in urban-dwelling Chinese adults. *Science of the Total Environment*, **2020**, 702, 135040	10.2	40
115	Traffic related air pollution and development and persistence of asthma and low lung function. *Environment International*, **2018**, 113, 170-176	12.9	38
114	Ambient air pollution exposure and gestational diabetes mellitus in Guangzhou, China: A prospective cohort study. *Science of the Total Environment*, **2020**, 699, 134390	10.2	38
113	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	6.9	36
112	Satellite-Based Land-Use Regression for Continental-Scale Long-Term Ambient PM Exposure Assessment in Australia. *Environmental Science & Technology*, **2018**, 52, 12445-12455	10.3	36
111	Face Masks and Cough Etiquette Reduce the Cough Aerosol Concentration of Pseudomonas aeruginosa in People with Cystic Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 197, 348-355	10.2	35

110	Independent and Combined Effects of Heatwaves and on Preterm Birth in Guangzhou, China: A Survival Analysis. *Environmental Health Perspectives*, **2020**, 128, 17006	8.4	35
109	A satellite-based model for estimating PM2.5 concentration in a sparsely populated environment using soft computing techniques. *Environmental Modelling and Software*, **2017**, 88, 84-92	5.2	34
108	A systematic literature review and critical appraisal of epidemiological studies on outdoor air pollution and tuberculosis outcomes. *Environmental Research*, **2019**, 170, 33-45	7.9	34
107	Long-term exposure to low concentrations of air pollutants and hospitalisation for respiratory diseases: A prospective cohort study in Australia. *Environment International*, **2018**, 121, 415-420	12.9	34
106	The risk of airborne influenza transmission in passenger cars. *Epidemiology and Infection*, **2012**, 140, 474-8	4.3	33
105	Residential greenness and blood lipids in urban-dwelling adults: The 33 Communities Chinese Health Study. *Environmental Pollution*, **2019**, 250, 14-22	9.3	30
104	Estimating the spatiotemporal variation of NO2 concentration using an adaptive neuro-fuzzy inference system. *Environmental Modelling and Software*, **2018**, 100, 222-235	5.2	30
103	Face Masks Reduce the Release of Pseudomonas aeruginosa Cough Aerosols When Worn for Clinically Relevant Periods. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 1339-1342	10.2	29
102	Health impacts of bushfire smoke exposure in Australia. *Respirology*, **2020**, 25, 495-501	3.6	28
101	Independent Validation of National Satellite-Based Land-Use Regression Models for Nitrogen Dioxide Using Passive Samplers. *Environmental Science & Technology*, **2016**, 50, 12331-12338	10.3	27
100	On-road ultrafine particle concentration in the M5 East road tunnel, Sydney, Australia. *Atmospheric Environment*, **2009**, 43, 3510-3519	5.3	27
99	Long-Term Exposure to Air Pollution and Survival After Ischemic Stroke. *Stroke*, **2019**, 50, 563-570	6.7	26
98	A shift from motorised travel to active transport: What are the potential health gains for an Australian city?. *PLoS ONE*, **2017**, 12, e0184799	3.7	26
97	Association Between Residential Greenness, Cardiometabolic Disorders, and Cardiovascular Disease Among Adults in China. *JAMA Network Open*, **2020**, 3, e2017507	10.4	25
96	Development of a land use regression model for daily NO2 and NOx concentrations in the Brisbane metropolitan area, Australia. *Environmental Modelling and Software*, **2017**, 95, 168-179	5.2	25
95	Design approaches for promoting beneficial indoor environments in healthcare facilities: a review. *Intelligent Buildings International*, **2013**, 5, 26-50	1.7	25
94	Greenness around schools associated with lower risk of hypertension among children: Findings from the Seven Northeastern Cities Study in China. *Environmental Pollution*, **2020**, 256, 113422	9.3	25
93	Sources and dynamics of fluorescent particles in hospitals. *Indoor Air*, **2017**, 27, 988-1000	5.4	24

92	Association between residential greenness and metabolic syndrome in Chinese adults. *Environment International*, **2020**, 135, 105388	12.9	24
91	Multi-city study on air pollution and hospital outpatient visits for asthma in China. *Environmental Pollution*, **2020**, 257, 113638	9.3	24
90	Co-optimisation of indoor environmental quality and energy consumption within urban office buildings. *Energy and Buildings*, **2014**, 85, 225-234	7	23
89	The Dose-Response Association between Nitrogen Dioxide Exposure and Serum Interleukin-6 Concentrations. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	22
88	Traffic-related fine and ultrafine particle exposures of professional drivers and illness: an opportunity to better link exposure science and epidemiology to address an occupational hazard?. *Environment International*, **2012**, 49, 110-4	12.9	22
87	Association Between Greenness Surrounding Schools and Kindergartens and Attention-Deficit/Hyperactivity Disorder in Children in China. *JAMA Network Open*, **2019**, 2, e1917862	10.4	22
86	Seasonal analyses of the association between prenatal ambient air pollution exposure and birth weight for gestational age in Guangzhou, China. *Science of the Total Environment*, **2019**, 649, 526-534	10.2	22
85	Long-term trends in PM mass and particle number concentrations in urban air: The impacts of mitigation measures and extreme events due to changing climates. *Environmental Pollution*, **2020**, 263, 114500	9.3	19
84	A pilot study of traditional indoor biomass cooking and heating in rural Bhutan: gas and particle concentrations and emission rates. *Indoor Air*, **2017**, 27, 160-168	5.4	18
83	Long-term ambient air pollution exposure and self-reported morbidity in the Australian Longitudinal Study on Women's Health: a cross-sectional study. *BMJ Open*, **2015**, 5, e008714	3	18
82	Concentration and oxidative potential of on-road particle emissions and their relationship with traffic composition: Relevance to exposure assessment. *Atmospheric Environment*, **2012**, 59, 533-539	5.3	18
81	Particle and bioaerosol characteristics in a paediatric intensive care unit. *Environment International*, **2017**, 107, 89-99	12.9	18
80	The impact of flood and post-flood cleaning on airborne microbiological and particle contamination in residential houses. *Environment International*, **2014**, 69, 9-17	12.9	18
79	Microbial contents of vacuum cleaner bag dust and emitted bioaerosols and their implications for human exposure indoors. *Applied and Environmental Microbiology*, **2013**, 79, 6331-6	4.8	17
78	Ambient Airborne Particulates of Diameter 1 Fn, a Leading Contributor to the Association Between Ambient Airborne Particulates of Diameter 2.5 Fn and Children's Blood Pressure. *Hypertension*, **2020**, 75, 347-355	8.5	17
77	Comparison of model estimates from an intra-city land use regression model with a national satellite-LUR and a regional Bayesian Maximum Entropy model, in estimating NO for a birth cohort in Sydney, Australia. *Environmental Research*, **2019**, 174, 24-34	7.9	15
76	Environmental exposures to endocrine disrupting chemicals (EDCs) and their role in endometriosis: a systematic literature review. *Reviews on Environmental Health*, **2021**, 36, 101-115	3.8	15
75	Development of a model for particulate matter pollution in Australia with implications for other satellite-based models. *Environmental Research*, **2017**, 159, 9-15	7.9	14

74	In-vehicle nitrogen dioxide concentrations in road tunnels. *Atmospheric Environment*, **2016**, 144, 234-248	5.3	14
73	Interaction of Air Pollutants and Meteorological Factors on Birth Weight in Shenzhen, China. *Epidemiology*, **2019**, 30 Suppl 1, S57-S66	3.1	14
72	Cystic fibrosis pathogens survive for extended periods within cough-generated droplet nuclei. *Thorax*, **2019**, 74, 87-90	7.3	14
71	Long-term nitrogen dioxide exposure assessment using back-extrapolation of satellite-based land-use regression models for Australia. *Environmental Research*, **2018**, 163, 16-25	7.9	13
70	Associations between long-term exposure to ambient air pollution and Parkinson's disease prevalence: A cross-sectional study. *Neurochemistry International*, **2020**, 133, 104615	4.4	13
69	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	4.7	12
68	Higher fuel prices are associated with lower air pollution levels. *Environment International*, **2014**, 66, 88-91	12.9	12
67	A simple and inexpensive dilution system for the TSI 3007 condensation particle counter. *Atmospheric Environment*, **2007**, 41, 4553-4557	5.3	12
66	Benefits of influenza vaccination on the associations between ambient air pollution and allergic respiratory diseases in children and adolescents: New insights from the Seven Northeastern Cities study in China. *Environmental Pollution*, **2020**, 256, 113434	9.3	12
65	Surgical Space Suits Increase Particle and Microbiological Emission Rates in a Simulated Surgical Environment. *Journal of Arthroplasty*, **2018**, 33, 1524-1529	4.4	12
64	A Novel Method and Its Application to Measuring Pathogen Decay in Bioaerosols from Patients with Respiratory Disease. *PLoS ONE*, **2016**, 11, e0158763	3.7	11
63	Adverse birth outcomes in Victoria, Australia in association with maternal exposure to low levels of ambient air pollution. *Environmental Research*, **2020**, 188, 109784	7.9	10
62	Influence of climate variables on the rising incidence of nontuberculous mycobacterial (NTM) infections in Queensland, Australia 2001-2016. *Science of the Total Environment*, **2020**, 740, 139796	10.2	10
61	Indigenous health and environmental risk factors: an Australian problem with global analogues?. *Global Health Action*, **2014**, 7, 23766	3	10
60	Excursion guidance criteria to guide control of peak emission and exposure to airborne engineered particles. *Journal of Occupational and Environmental Hygiene*, **2013**, 10, 640-51	2.9	10
59	New insights into the spatial distribution of particle number concentrations by applying non-parametric land use regression modelling. *Science of the Total Environment*, **2020**, 702, 134708	10.2	10
58	Association of maternal ozone exposure with term low birth weight and susceptible window identification. *Environment International*, **2021**, 146, 106208	12.9	10
57	Inequalities in exposure to the air pollutants PM 2.5 and NO 2 in Australia. *Environmental Research Letters*, **2019**, 14, 115005	6.2	9

56	Assessing environmental inequalities in ambient air pollution across urban Australia. *Spatial and Spatio-temporal Epidemiology*, **2015**, 13, 1-6	3.5	8
55	Maternal Exposure to Ambient Air Pollution and Pregnancy Complications in Victoria, Australia. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	8
54	Exposure to air pollution during the first 1000 days of life and subsequent health service and medication usage in children. *Environmental Pollution*, **2020**, 256, 113340	9.3	8
53	A Systematic Review and Appraisal of Epidemiological Studies on Household Fuel Use and Its Health Effects Using Demographic and Health Surveys. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	8
52	Damp housing, gas stoves, and the burden of childhood asthma in Australia. *Medical Journal of Australia*, **2018**, 208, 299-302	4	7
51	Occupational hazards to the health of professional gardeners. *International Journal of Environmental Health Research*, **2014**, 24, 580-9	3.6	7
50	Blending Multiple Nitrogen Dioxide Data Sources for Neighborhood Estimates of Long-Term Exposure for Health Research. *Environmental Science & Technology*, **2017**, 51, 12473-12480	10.3	6
49	Long-term exposure to ambient air pollution is associated with coronary artery calcification among asymptomatic adults. *European Heart Journal Cardiovascular Imaging*, **2021**, 22, 922-929	4.1	6
48	Two decades of trends in urban particulate matter concentrations across Australia. *Environmental Research*, **2020**, 190, 110021	7.9	6
47	Associations of Particulate Matter Sizes and Chemical Constituents with Blood Lipids: A Panel Study in Guangzhou, China. *Environmental Science & Technology*, **2021**, 55, 5065-5075	10.3	6
46	Greenspace and human health: An umbrella review. *Innovation(China)*, **2021**, 2, 100164	17.8	6
45	Health consequences of exposure to e-waste: an updated systematic review.. *Lancet Planetary Health, The*, **2021**, 5, e905-e920	9.8	6
44	Performance of variable and function selection methods for estimating the nonlinear health effects of correlated chemical mixtures: A simulation study. *Statistics in Medicine*, **2020**, 39, 3947-3967	2.3	5
43	Short-Term Effects of Particle Size and Constituents on Blood Pressure in Healthy Young Adults in Guangzhou, China. *Journal of the American Heart Association*, **2021**, 10, e019063	6	5
42	Associations between trees and grass presence with childhood asthma prevalence using deep learning image segmentation and a novel green view index. *Environmental Pollution*, **2021**, 286, 117582	9.3	5
41	Transmission of bacteria in bronchiectasis and chronic obstructive pulmonary disease: Low burden of cough aerosols. *Respirology*, **2019**, 24, 980-987	3.6	4
40	The role of influenza vaccination in mitigating the adverse impact of ambient air pollution on lung function in children: New insights from the Seven Northeastern Cities Study in China. *Environmental Research*, **2020**, 187, 109624	7.9	4
39	International Mind, Activities and Urban Places (iMAP) study: methods of a cohort study on environmental and lifestyle influences on brain and cognitive health. *BMJ Open*, **2020**, 10, e036607	3	4

38	Application of multi-metric approach to characterization of particle emissions from nanotechnology and non-nanotechnology processes. *Journal of Occupational and Environmental Hygiene*, **2016**, 13, D175-97	2.9	4
37	Avoidable Mortality Attributable to Anthropogenic Fine Particulate Matter (PM) in Australia. *International Journal of Environmental Research and Public Health*, **2020**, 18,	4.6	4
36	Association between ambient air pollution and development and persistence of atopic and non-atopic eczema in a cohort of adults. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 2524-2534	9.3	4
35	Short-Term Effects of Particle Sizes and Constituents on Blood Biomarkers among Healthy Young Adults in Guangzhou, China. *Environmental Science & Technology*, **2021**, 55, 5636-5647	10.3	4
34	Greenness may improve lung health in low-moderate but not high air pollution areas: Seven Northeastern CitiesSstudy. *Thorax*, **2021**, 76, 880-886	7.3	4
33	Mobile assessment of on-road air pollution and its sources along the East–West Highway in Bhutan. *Atmospheric Environment*, **2015**, 118, 98-106	5.3	3
32	Maternal and Childhood Ambient Air Pollution Exposure and Mental Health Symptoms and Psychomotor Development in Children: An Australian Population-Based Longitudinal Study.. *Environment International*, **2022**, 158, 107003	12.9	3
31	The association of wildfire air pollution with COVID-19 incidence in New South Wales, Australia. *Science of the Total Environment*, **2021**, 151158	10.2	3
30	Unexpected increase in indoor pollutants after the introduction of a smoke-free policy in a correctional center. *Indoor Air*, **2016**, 26, 623-33	5.4	3
29	Ambient PM and PM Exposure and Respiratory Disease Hospitalization in Kandy, Sri Lanka. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
28	Ambient air pollution and acute respiratory infection in children aged under 5 years living in 35 developing countries. *Environment International*, **2021**, 159, 107019	12.9	2
27	From urban neighbourhood environments to cognitive health: a cross-sectional analysis of the role of physical activity and sedentary behaviours.. *BMC Public Health*, **2021**, 21, 2320	4.1	2
26	Early life environmental factors associated with autism spectrum disorder symptoms in children at age 2 years: A birth cohort study.. *Autism*, **2022**, 13623613211068223	6.6	2
25	Airborne Transmission of Viral Respiratory Pathogens. Don't Stand So Close to Me?. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 253-4	10.2	2
24	Relationship between life-time exposure to ambient fine particulate matter and carotid artery intima-media thickness in Australian children aged 11-12 years. *Environmental Pollution*, **2021**, 291, 118072	9.3	2
23	Association Between Exposure to Outdoor Artificial Light at Night and Sleep Disorders Among Children in China.. *JAMA Network Open*, **2022**, 5, e2213247	10.4	2
22	The Contribution of Geogenic Particulate Matter to Lung Disease in Indigenous Children. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	1
21	Association of neighborhood greenness with severity of hand, foot, and mouth disease.. *BMC Public Health*, **2022**, 22, 38	4.1	1

20	Urban Neighbourhood Environments, Cardiometabolic Health and Cognitive Function: A National Cross-Sectional Study of Middle-Aged and Older Adults in Australia.. *Toxics*, **2022**, 10,	4.7	1
19	A Systematic Literature Review of Indoor Air Disinfection Techniques for Airborne Bacterial Respiratory Pathogens.. *International Journal of Environmental Research and Public Health*, **2022**, 19,	4.6	1
18	Public health opportunities in the Australian air quality standards review. *Australian and New Zealand Journal of Public Health*, **2021**, 45, 307-310	2.3	1
17	Improved morbidity-based air quality health index development using Bayesian multi-pollutant weighted model. *Environmental Research*, **2022**, 204, 112397	7.9	1
16	Regulations and Policy Measures Related to the Reduction of Ambient Particulate Matter. *Environmental Science and Engineering*, **2010**, 599-622	0.2	1
15	Modification of caesarean section on the associations between air pollution and childhood asthma in seven Chinese cities. *Environmental Pollution*, **2020**, 267, 115443	9.3	1
14	The association of fractional cover, foliage projective cover and biodiversity with birthweight. *Science of the Total Environment*, **2021**, 763, 143051	10.2	1
13	Effects of maternal exposure to fine particulate matter on birth weight in 16 counties across China: a quantile regression analysis. *Environmental Research Letters*, **2021**, 16, 055014	6.2	1
12	The health impacts of ambient air pollution in Australia: a systematic literature review. *Internal Medicine Journal*, **2021**, 51, 1567-1579	1.6	1
11	Street view greenness is associated with lower risk of obesity in adults: Findings from the 33 Chinese community health study. *Environmental Research*, **2021**, 200, 111434	7.9	1
10	The association between environmental greenness and the risk of food allergy: A population-based study in Melbourne, Australia.. *Pediatric Allergy and Immunology*, **2022**, 33, e13749	4.2	1
9	Perceptions of air quality and concern for health in relation to long-term air pollution exposure, bushfires, and COVID-19 lockdown: a before-and-after study.. *The Journal of Climate Change and Health*, **2022**, 100137		1
8	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	10.2	0
7	Prenatal exposure to mixtures of persistent environmental chemicals and fetal growth outcomes in Western Australia. *International Journal of Hygiene and Environmental Health*, **2021**, 240, 113899	6.9	0
6	Q fever vaccine efficacy and occupational exposure risk in Queensland, Australia: A retrospective cohort study. *Vaccine*, **2020**, 38, 6578-6584	4.1	0
5	The Impact of Built and Social Environmental Characteristics on Diagnosed and Estimated Future Risk of Dementia. *Journal of Alzheimer's Disease*, **2021**, 84, 621-632	4.3	0
4	Residential greenspace and early childhood development and academic performance: A longitudinal analysis of Australian children aged 4-12 years.. *Science of the Total Environment*, **2022**, 155214	10.2	0
3	Opportunity to reduce paediatric asthma in New South Wales through nitrogen dioxide control. *Australian and New Zealand Journal of Public Health*, **2021**, 45, 400-402	2.3	

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	Potential occupational exposure of parents to endocrine disrupting chemicals, adverse birth outcomes, and the modification effects of multi-vitamins supplement and infant sex.. *Ecotoxicology and Environmental Safety*, **2022**, 233, 113314	7