

Michael Brauer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

394
papers

58,908
citations

94
h-index

240
g-index

437
ext. papers

75,935
ext. citations

8.5
avg, IF

7.28
L-index

#	Paper	IF	Citations
394	Role of climate goals and clean-air policies on reducing future air pollution deaths in China: a modelling study.. <i>Lancet Planetary Health, The, 2022, 6, e92-e99</i>	9.8	4
393	Neighborhood environmental exposures and incidence of attention deficit/hyperactivity disorder: A population-based cohort study.. <i>Environment International, 2022, 161, 107120</i>	12.9	1
392	Global urban temporal trends in fine particulate matter (PM) and attributable health burdens: estimates from global datasets.. <i>Lancet Planetary Health, The, 2022,</i>	9.8	10
391	Long-term trends in urban NO concentrations and associated paediatric asthma incidence: estimates from global datasets.. <i>Lancet Planetary Health, The, 2022, 6, e49-e58</i>	9.8	7
390	Nitrogen oxides (NO and NO) pollution in the Accra metropolis: Spatiotemporal patterns and the role of meteorology. <i>Science of the Total Environment, 2022, 803, 149931</i>	10.2	2
389	Global mortality burden attributable to non-optimal temperatures - Authors' reply.. <i>Lancet, The, 2022, 399, 1113-1114</i>	40	0
388	Associations of long-term exposure to fine particulate matter and its constituents with cardiovascular mortality: A prospective cohort study in China.. <i>Environment International, 2022, 162, 107158</i>	12.9	1
387	The influence of early-life residential exposure to different vegetation types and paved surfaces on early childhood development: A population-based birth cohort study.. <i>Environment International, 2022, 163, 107196</i>	12.9	0
386	Development of methods for citizen scientist mapping of residential woodsmoke in small communities.. <i>Journal of Environmental Management, 2022, 311, 114788</i>	7.9	0
385	Comparing human exposure to fine particulate matter in low and high-income countries: A systematic review of studies measuring personal PM exposure.. <i>Science of the Total Environment, 2022, 155207</i>	10.2	0
384	Non-Medical Masking, Hygiene and Social Distancing. <i>World Scientific Series in Global Healthcare Economics and Public Policy, 2022, 167-181</i>	0.2	
383	A Deep Learning Approach for Meter-Scale Air Quality Estimation in Urban Environments Using Very High-Spatial-Resolution Satellite Imagery. <i>Atmosphere, 2022, 13, 696</i>	2.7	0
382	Towards healthy school neighbourhoods: a baseline analysis in Greater London. <i>Environment International, 2022, 107286</i>	12.9	0
381	Personal and household PM and black carbon exposure measures and respiratory symptoms in 8 low- and middle-income countries.. <i>Environmental Research, 2022, 212, 113430</i>	7.9	0
380	Is health-related quality of life 1-year after coronary artery bypass graft surgery associated with living in a greener environment?. <i>Environmental Research, 2022, 212, 113364</i>	7.9	
379	Pollution and health: a progress update. <i>Lancet Planetary Health, The, 2022,</i>	9.8	28
378	Measuring and predicting personal and household Black Carbon levels from 88 communities in eight countries. <i>Science of the Total Environment, 2021, 818, 151849</i>	10.2	0

377	Multinational prediction of household and personal exposure to fine particulate matter (PM) in the PURE cohort study.. <i>Environment International</i> , 2021 , 159, 107021	12.9	0
376	Assessing the association between lifetime exposure to greenspace and early childhood development and the mediation effects of air pollution and noise in Canada: a population-based birth cohort study. <i>Lancet Planetary Health, The</i> , 2021 , 5, e709-e717	9.8	2
375	A spatiotemporal analysis of inequalities in life expectancy and 20 causes of mortality in sub-neighbourhoods of Metro Vancouver, British Columbia, Canada, 1990-2016. <i>Health and Place</i> , 2021 , 72, 102692	4.6	0
374	Monthly Global Estimates of Fine Particulate Matter and Their Uncertainty. <i>Environmental Science & Technology</i> , 2021 , 55, 15287-15300	10.3	16
373	Increasing the Impact of Environmental Epidemiology in the Global Burden of Disease Project. <i>Epidemiology</i> , 2021 , 32, 1-5	3.1	1
372	Geospatial indicators of exposure, sensitivity, and adaptive capacity to assess neighbourhood variation in vulnerability to climate change-related health hazards. <i>Environmental Health</i> , 2021 , 20, 31	6	5
371	The Benefits of Intensive Versus Standard Blood Pressure Treatment According to Fine Particulate Matter Air Pollution Exposure: A Post Hoc Analysis of SPRINT. <i>Hypertension</i> , 2021 , 77, 813-822	8.5	3
370	Mapping Yearly Fine Resolution Global Surface Ozone through the Bayesian Maximum Entropy Data Fusion of Observations and Model Output for 1990-2017. <i>Environmental Science & Technology</i> , 2021 , 55, 4389-4398	10.3	13
369	Nowhere to Play: Available Open and Green Space in Greater London Schools. <i>Journal of Urban Health</i> , 2021 , 98, 375-384	5.8	4
368	Taking a Stand Against Air Pollution-The Impact on Cardiovascular Disease: A Joint Opinion from the World Heart Federation, American College of Cardiology, American Heart Association, and the European Society of Cardiology. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1684-1688	15.1	9
367	Taking a Stand Against Air Pollution-The Impact on Cardiovascular Disease: A Joint Opinion From the World Heart Federation, American College of Cardiology, American Heart Association, and the European Society of Cardiology. <i>Circulation</i> , 2021 , 143, e800-e804	16.7	12
366	Space-time characterization of community noise and sound sources in Accra, Ghana. <i>Scientific Reports</i> , 2021 , 11, 11113	4.9	3
365	Exploration of the Global Burden of Dementia Attributable to PM2.5: What Do We Know Based on Current Evidence?. <i>GeoHealth</i> , 2021 , 5, e2020GH000356	5	4
364	Multimodal deep learning from satellite and street-level imagery for measuring income, overcrowding, and environmental deprivation in urban areas. <i>Remote Sensing of Environment</i> , 2021 , 257, 112339	13.2	6
363	Spatial-temporal patterns of ambient fine particulate matter (PM) and black carbon (BC) pollution in Accra. <i>Environmental Research Letters</i> , 2021 , 16, 074013	6.2	2
362	Population ageing and deaths attributable to ambient PM pollution: a global analysis of economic cost. <i>Lancet Planetary Health, The</i> , 2021 , 5, e356-e367	9.8	8
361	Source sector and fuel contributions to ambient PM and attributable mortality across multiple spatial scales. <i>Nature Communications</i> , 2021 , 12, 3594	17.4	31
360	High-Ambient Air Pollution Exposure Among Never Smokers Versus Ever Smokers With Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 1850-1858	8.9	2

359	Remote sensing metrics to assess exposure to residential greenness in epidemiological studies: A population case study from the Eastern Mediterranean. <i>Environment International</i> , 2021 , 146, 106270	12.9	6
358	Enhancing the Evaluation and Interpretability of Data-Driven Air Quality Models. <i>Atmospheric Environment</i> , 2021 , 246, 118125	5.3	10
357	Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. <i>Lancet Planetary Health, The</i> , 2021 , 5, e25-e38	9.8	78
356	Estimating the cause-specific relative risks of non-optimal temperature on daily mortality: a two-part modelling approach applied to the Global Burden of Disease Study. <i>Lancet, The</i> , 2021 , 398, 6854-697	40.6	20
355	Ambient and household PM2.5 pollution and adverse perinatal outcomes: A meta-regression and analysis of attributable global burden for 204 countries and territories. <i>PLoS Medicine</i> , 2021 , 18, e1003718	11.6	9
354	Clean Air, Smart Cities, Healthy Hearts: Action on Air Pollution for Cardiovascular Health. <i>Global Heart</i> , 2021 , 16, 61	2.9	
353	Taking a stand against air pollution - the impact on cardiovascular disease. <i>European Heart Journal</i> , 2021 , 42, 1460-1463	9.5	5
352	Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2982-3021	15.1	922
351	Large global variations in measured airborne metal concentrations driven by anthropogenic sources. <i>Scientific Reports</i> , 2020 , 10, 21817	4.9	4
350	Personal-Level Protective Actions Against Particulate Matter Air Pollution Exposure: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020 , 142, e411-e431	16.7	32
349	Global Estimates and Long-Term Trends of Fine Particulate Matter Concentrations (1998-2018). <i>Environmental Science & Technology</i> , 2020 , 54, 7879-7890	10.3	143
348	Global Access to Handwashing: Implications for COVID-19 Control in Low-Income Countries. <i>Environmental Health Perspectives</i> , 2020 , 128, 57005	8.4	51
347	Call for comments: climate and clean air responses to covid-19. <i>International Journal of Public Health</i> , 2020 , 65, 525-528	4	5
346	Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine, the</i> , 2020 , 8, 585-596	35.1	334
345	Air Pollution and Systemic Inflammation in Patients With Suspected OSA Living in an Urban Residential Area. <i>Chest</i> , 2020 , 158, 1713-1722	5.3	5
344	Using Satellites to Track Indicators of Global Air Pollution and Climate Change Impacts: Lessons Learned From a NASA-Supported Science-Stakeholder Collaborative. <i>GeoHealth</i> , 2020 , 4, e2020GH000270	5	11
343	Quiet, clean, green, and active: A Navigation Guide systematic review of the impacts of spatially correlated urban exposures on a range of physical health outcomes. <i>Environmental Research</i> , 2020 , 185, 109388	7.9	8
342	Sub-Daily Exposure to Fine Particulate Matter and Ambulance Dispatches during Wildfire Seasons: A Case-Crossover Study in British Columbia, Canada. <i>Environmental Health Perspectives</i> , 2020 , 128, 67006	8.4	15

341	The role of cities in reducing the cardiovascular impacts of environmental pollution in low- and middle-income countries. <i>BMC Medicine</i> , 2020 , 18, 39	11.4	10
340	Long-term exposure to outdoor and household air pollution and blood pressure in the Prospective Urban and Rural Epidemiological (PURE) study. <i>Environmental Pollution</i> , 2020 , 262, 114197	9.3	18
339	Analysis of black carbon on filters by image-based reflectance. <i>Atmospheric Environment</i> , 2020 , 223, 117300-117300	3.9	300
338	Road proximity, air pollution, noise, green space and neurologic disease incidence: a population-based cohort study. <i>Environmental Health</i> , 2020 , 19, 8	6	51
337	Land use regression modeling of microscale urban air temperatures in greater Vancouver, Canada. <i>Urban Climate</i> , 2020 , 32, 100636	6.8	4
336	The risk of survey bias in self-reports vs. actual consumption of clean cooking fuels. <i>World Development Perspectives</i> , 2020 , 18, 100199	1.7	5
335	Outdoor environment 2020 , 301-316		
334	A global anthropogenic emission inventory of atmospheric pollutants from sector- and fuel-specific sources (1970-2017): an application of the Community Emissions Data System (CEDS). <i>Earth System Science Data</i> , 2020 , 12, 3413-3442	10.5	50
333	Modifiers of the effect of short-term variation in PM on mortality in Beijing, China. <i>Environmental Research</i> , 2020 , 183, 109066	7.9	9
332	Evaluating the Sensitivity of PM _{2.5} -Mortality Associations to the Spatial and Temporal Scale of Exposure Assessment. <i>Epidemiology</i> , 2020 , 31, 168-176	3.1	17
331	Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1204-1222	40	1847
330	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1160-1203	40	228
329	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113
328	Adverse health impacts of cooking with kerosene: A multi-country analysis within the Prospective Urban and Rural Epidemiology Study. <i>Environmental Research</i> , 2020 , 188, 109851	7.9	10
327	Cardiopulmonary Impact of Particulate Air Pollution in High-Risk Populations: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2878-2894	15.1	22
326	Household and personal air pollution exposure measurements from 120 communities in eight countries: results from the PURE-AIR study. <i>Lancet Planetary Health, The</i> , 2020 , 4, e451-e462	9.8	37
325	Healthy built environment: Spatial patterns and relationships of multiple exposures and deprivation in Toronto, Montreal and Vancouver. <i>Environment International</i> , 2020 , 143, 106003	12.9	5
324	Associations of outdoor fine particulate air pollution and cardiovascular disease in 157 436 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. <i>Lancet Planetary Health, The</i> , 2020 , 4, e235-e245	9.8	40

323	High-resolution spatiotemporal measurement of air and environmental noise pollution in Sub-Saharan African cities: Pathways to Equitable Health Cities Study protocol for Accra, Ghana. <i>BMJ Open</i> , 2020 , 10, e035798	3	6
322	Response to "Comment on 'Global Access to Handwashing: Implications for COVID-19 Control in Low-Income Countries'". <i>Environmental Health Perspectives</i> , 2020 , 128, 98002	8.4	
321	The effect of air pollution on deaths, disease burden, and life expectancy across China and its provinces, 1990-2017: an analysis for the Global Burden of Disease Study 2017. <i>Lancet Planetary Health, The</i> , 2020 , 4, e386-e398	9.8	100
320	Modifiable risk factors, cardiovascular disease, and mortality in 155 722 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. <i>Lancet, The</i> , 2020 , 395, 795-808	40	342
319	Disease assimilation: The mortality impacts of fine particulate matter on immigrants to Canada. <i>Health Reports</i> , 2020 , 31, 14-26	4.7	4
318	Household, Community, Sub-National and Country-level Predictors of Primary Cooking Fuel Switching in Nine Countries from the PURE Study. <i>Environmental Research Letters</i> , 2019 , 14,	6.2	16
317	Examination of monitoring approaches for ambient air pollution: A case study for India. <i>Atmospheric Environment</i> , 2019 , 216, 116940	5.3	29
316	Air Pollution Monitoring for Health Research and Patient Care. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1207-1214	4.7	16
315	Prenatal exposure to traffic-related air pollution, the gestational epigenetic clock, and risk of early-life allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1729-1731.e5	11.5	6
314	Urban greenness extracted from pedestrian video and its relationship with surrounding air temperatures. <i>Urban Forestry and Urban Greening</i> , 2019 , 38, 280-285	5.4	7
313	Exposure to natural space, sense of community belonging, and adverse mental health outcomes across an urban region. <i>Environmental Research</i> , 2019 , 171, 365-377	7.9	44
312	Prenatal depression and birth mode sequentially mediate maternal education's influence on infant sleep duration. <i>Sleep Medicine</i> , 2019 , 59, 24-32	4.6	5
311	No one knows which city has the highest concentration of fine particulate matter. <i>Atmospheric Environment: X</i> , 2019 , 3, 100040	2.8	26
310	Health Effects of Household Solid Fuel Use: Findings from 11 Countries within the Prospective Urban and Rural Epidemiology Study. <i>Environmental Health Perspectives</i> , 2019 , 127, 57003	8.4	60
309	Maternal Exposure to Air Pollution During Pregnancy and Autism Spectrum Disorder in Offspring-Reply. <i>JAMA Pediatrics</i> , 2019 , 173, 698	8.3	2
308	Complex relationships between greenness, air pollution, and mortality in a population-based Canadian cohort. <i>Environment International</i> , 2019 , 128, 292-300	12.9	43
307	Evaluation of a method to indirectly adjust for unmeasured covariates in the association between fine particulate matter and mortality. <i>Environmental Research</i> , 2019 , 175, 108-116	7.9	11
306	Estimated Long-Term (1981-2016) Concentrations of Ambient Fine Particulate Matter across North America from Chemical Transport Modeling, Satellite Remote Sensing, and Ground-Based Measurements. <i>Environmental Science & Technology</i> , 2019 , 53, 5071-5079	10.3	26

305	Vertical monitoring of traffic-related air pollution (TRAP) in urban street canyons of Hong Kong. <i>Science of the Total Environment</i> , 2019 , 670, 696-703	10.2	12
304	Global, national, and urban burdens of paediatric asthma incidence attributable to ambient NO pollution: estimates from global datasets. <i>Lancet Planetary Health, The</i> , 2019 , 3, e166-e178	9.8	151
303	Particulate matter-attributable mortality and relationships with carbon dioxide in 250 urban areas worldwide. <i>Scientific Reports</i> , 2019 , 9, 11552	4.9	48
302	Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors. <i>Environmental Health Perspectives</i> , 2019 , 127, 105001	8.4	42
301	Low concentrations of fine particle air pollution and mortality in the Canadian Community Health Survey cohort. <i>Environmental Health</i> , 2019 , 18, 84	6	34
300	Examining the Shape of the Association between Low Levels of Fine Particulate Matter and Mortality across Three Cycles of the Canadian Census Health and Environment Cohort. <i>Environmental Health Perspectives</i> , 2019 , 127, 107008	8.4	42
299	Residential greenness and increased physical activity in patients after coronary artery bypass graft surgery. <i>European Journal of Preventive Cardiology</i> , 2019 , 2047487319886017	3.9	10
298	The impact of air pollution on deaths, disease burden, and life expectancy across the states of India: the Global Burden of Disease Study 2017. <i>Lancet Planetary Health, The</i> , 2019 , 3, e26-e39	9.8	335
297	Local variation of PM2.5 and NO2 concentrations within metropolitan Beijing. <i>Atmospheric Environment</i> , 2019 , 200, 254-263	5.3	17
296	A picture tells a thousand Exposures: Opportunities and challenges of deep learning image analyses in exposure science and environmental epidemiology. <i>Environment International</i> , 2019 , 122, 3-10	12.9	40
295	Association of Prenatal Exposure to Air Pollution With Autism Spectrum Disorder. <i>JAMA Pediatrics</i> , 2019 , 173, 86-92	8.3	47
294	Mortality-Air Pollution Associations in Low-Exposure Environments (MAPLE): Phase 1. <i>Research Report (health Effects Institute)</i> , 2019 , 1-87	0.9	4
293	Atopic dermatitis: Interaction between genetic variants of GSTP1, TNF, TLR2, and TLR4 and air pollution in early life. <i>Pediatric Allergy and Immunology</i> , 2018 , 29, 596-605	4.2	26
292	The State of US Health, 1990-2016: Burden of Diseases, Injuries, and Risk Factors Among US States. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 1444-1472	27.4	632
291	Integrating travel behavior with land use regression to estimate dynamic air pollution exposure in Hong Kong. <i>Environment International</i> , 2018 , 113, 100-108	12.9	35
290	Predicting the minimum height of forest fire smoke within the atmosphere using machine learning and data from the CALIPSO satellite. <i>Remote Sensing of Environment</i> , 2018 , 206, 98-106	13.2	29
289	Impact of new rapid transit on physical activity: A meta-analysis. <i>Preventive Medicine Reports</i> , 2018 , 10, 184-190	2.6	15
288	Characterizing exposure to household air pollution within the Prospective Urban Rural Epidemiology (PURE) study. <i>Environment International</i> , 2018 , 114, 307-317	12.9	40

287	Quantifying the Contribution to Uncertainty in Mortality Attributed to Household, Ambient, and Joint Exposure to PM From Residential Solid Fuel Use. <i>GeoHealth</i> , 2018 , 2, 25-39	5	28
286	Data integration model for air quality: a hierarchical approach to the global estimation of exposures to ambient air pollution. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018 , 67, 231-253	1.5	87
285	Data Integration for the Assessment of Population Exposure to Ambient Air Pollution for Global Burden of Disease Assessment. <i>Environmental Science & Technology</i> , 2018 , 52, 9069-9078	10.3	102
284	Source influence on emission pathways and ambient PM pollution over India (2015-2050). <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 8017-8039	6.8	86
283	Effect on blood pressure and eye health symptoms in a climate-financed randomized cookstove intervention study in rural India. <i>Environmental Research</i> , 2018 , 166, 658-667	7.9	11
282	Long term exposure to air pollution and mortality in an elderly cohort in Hong Kong. <i>Environment International</i> , 2018 , 117, 99-106	12.9	55
281	Ambient air pollution and the prevalence of rhinoconjunctivitis in adolescents: a worldwide ecological analysis. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 755-764	5.6	4
280	Global estimation of exposure to fine particulate matter (PM) from household air pollution. <i>Environment International</i> , 2018 , 120, 354-363	12.9	52
279	Ambient PM2.5 Reduces Global and Regional Life Expectancy. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 546-551	11	187
278	Advances in multiangle satellite remote sensing of speciated airborne particulate matter and association with adverse health effects: from MISR to MAIA. <i>Journal of Applied Remote Sensing</i> , 2018 , 12, 1	1.4	52
277	Tropospheric ozone assessment report: Global ozone metrics for climate change, human health, and crop/ecosystem research. <i>Elementa</i> , 2018 , 1, 1	3.6	115
276	Elevated blood pressure and household solid fuel use in premenopausal women: Analysis of 12 Demographic and Health Surveys (DHS) from 10 countries. <i>Environmental Research</i> , 2018 , 160, 499-505	7.9	39
275	Predicting the atopic march: Results from the Canadian Healthy Infant Longitudinal Development Study. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 601-607.e8	11.5	76
274	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1923-1994	40	1964
273	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 2091-2138	40	210
272	Mapping Air Pollution with Google Street View Cars: Efficient Approaches with Mobile Monitoring and Land Use Regression. <i>Environmental Science & Technology</i> , 2018 , 52, 12563-12572	10.3	52
271	Diabetes Status and Susceptibility to the Effects of PM2.5 Exposure on Cardiovascular Mortality in a National Canadian Cohort. <i>Epidemiology</i> , 2018 , 29, 784-794	3.1	21
270	Particulate matter exposure and health impacts of urban cyclists: a randomized crossover study. <i>Environmental Health</i> , 2018 , 17, 78	6	18

269	Born to be Wise: a population registry data linkage protocol to assess the impact of modifiable early-life environmental exposures on the health and development of children. <i>BMJ Open</i> , 2018 , 8, e026954	3.5	5
268	Can Air Quality Management Drive Sustainable Fuels Management at the Temperate Wildland-Urban Interface?. <i>Fire</i> , 2018 , 1, 27	2.4	7
267	Satellite-Based Land-Use Regression for Continental-Scale Long-Term Ambient PM Exposure Assessment in Australia. <i>Environmental Science & Technology</i> , 2018 , 52, 12445-12455	10.3	36
266	Evaluation of the impact of a public bicycle share program on population bicycling in Vancouver, BC. <i>Preventive Medicine Reports</i> , 2018 , 12, 176-181	2.6	10
265	Machine Learning Approach To Estimate Hourly Exposure to Fine Particulate Matter for Urban, Rural, and Remote Populations during Wildfire Seasons. <i>Environmental Science & Technology</i> , 2018 , 52, 13239-13249	10.3	18
264	Estimates of the Global Burden of Ambient [Formula: see text], Ozone, and [Formula: see text] on Asthma Incidence and Emergency Room Visits. <i>Environmental Health Perspectives</i> , 2018 , 126, 107004	8.4	132
263	Global household air pollution database: Kitchen concentrations and personal exposures of particulate matter and carbon monoxide. <i>Data in Brief</i> , 2018 , 21, 1292-1295	1.2	13
262	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. <i>Lancet Infectious Diseases</i> , 2018 , 18, 1191-1210	25.5	534
261	Global Sources of Fine Particulate Matter: Interpretation of PM Chemical Composition Observed by SPARTAN using a Global Chemical Transport Model. <i>Environmental Science & Technology</i> , 2018 , 52, 11670-11681	10.3	40
260	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9592-9597	11.5	810
259	Impact of air pollution control policies on future PM concentrations and their source contributions in China. <i>Journal of Environmental Management</i> , 2018 , 227, 124-133	7.9	50
258	Human milk oligosaccharide profiles and food sensitization among infants in the CHILD Study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 2070-2073	9.3	37
257	A Dynamic Three-Dimensional Air Pollution Exposure Model for Hong Kong. <i>Research Report (health Effects Institute)</i> , 2018 , 1-65	0.9	3
256	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. <i>Lancet</i> , 2017 , 389, 1907-1918	40	2658
255	A climate policy pathway for near- and long-term benefits. <i>Science</i> , 2017 , 356, 493-494	33.3	66
254	Biomass Burning as a Source of Ambient Fine Particulate Air Pollution and Acute Myocardial Infarction. <i>Epidemiology</i> , 2017 , 28, 329-337	3.1	39
253	Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. <i>Lancet</i> , 2017 , 390, 231-266	40	352
252	Global Land Use Regression Model for Nitrogen Dioxide Air Pollution. <i>Environmental Science & Technology</i> , 2017 , 51, 6957-6964	10.3	111

251	Transboundary health impacts of transported global air pollution and international trade. <i>Nature</i> , 2017 , 543, 705-709	50.4	501
250	Difficult Family Relationships, Residential Greenspace, and Childhood Asthma. <i>Pediatrics</i> , 2017 , 139,	7.4	22
249	Anthropogenic fugitive, combustion and industrial dust is a significant, underrepresented fine particulate matter source in global atmospheric models. <i>Environmental Research Letters</i> , 2017 , 12, 044018	6.2	54
248	Land use regression modelling of air pollution in high density high rise cities: A case study in Hong Kong. <i>Science of the Total Environment</i> , 2017 , 592, 306-315	10.2	89
247	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1373-1383	10.2	71
246	Modes of Infant Feeding and the Risk of Childhood Asthma: A Prospective Birth Cohort Study. <i>Journal of Pediatrics</i> , 2017 , 190, 192-199.e2	3.6	69
245	Beyond the Normalized Difference Vegetation Index (NDVI): Developing a Natural Space Index for population-level health research. <i>Environmental Research</i> , 2017 , 159, 474-483	7.9	49
244	Associations between fine particulate matter and mortality in the 2001 Canadian Census Health and Environment Cohort. <i>Environmental Research</i> , 2017 , 159, 406-415	7.9	97
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