

Michael Brauer

List of Publications by Citations

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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	A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012 , 380, 2224-60	4.0	7625
393	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 386, 743-800	4.0	3802
392	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, The</i> , 2017 , 389, 1907-1918	4.0	2658
391	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. <i>Lancet, The</i> , 2016 , 388, 1659-1724	4.0	2431
390	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	4.0	1964
389	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	4.0	1847
388	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 386, 2287-323	4.0	1776
387	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1345-1422	4.0	1378
386	Global estimates of ambient fine particulate matter concentrations from satellite-based aerosol optical depth: development and application. <i>Environmental Health Perspectives</i> , 2010 , 118, 847-55	8.4	1174
385	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. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 691-706	35.1	1119
384	An integrated risk function for estimating the global burden of disease attributable to ambient fine particulate matter exposure. <i>Environmental Health Perspectives</i> , 2014 , 122, 397-403	8.4	1100
383	Woodsmoke health effects: a review. <i>Inhalation Toxicology</i> , 2007 , 19, 67-106	2.7	1034
382	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
381	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
380	Exploring pathways linking greenspace to health: Theoretical and methodological guidance. <i>Environmental Research</i> , 2017 , 158, 301-317	7.9	752
379	Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. <i>Environmental Science & Technology</i> , 2016 , 50, 79-88	10.3	682
378	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

377	Global Estimates of Fine Particulate Matter using a Combined Geophysical-Statistical Method with Information from Satellites, Models, and Monitors. <i>Environmental Science & Technology</i> , 2016 , 50, 3762-72	10.3	627
376	Use of satellite observations for long-term exposure assessment of global concentrations of fine particulate matter. <i>Environmental Health Perspectives</i> , 2015 , 123, 135-43	8.4	569
375	Addressing Global Mortality from Ambient PM2.5. <i>Environmental Science & Technology</i> , 2015 , 49, 8057-66	10.3	541
374	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
373	Exposure assessment for estimation of the global burden of disease attributable to outdoor air pollution. <i>Environmental Science & Technology</i> , 2012 , 46, 652-60	10.3	503
372	Transboundary health impacts of transported global air pollution and international trade. <i>Nature</i> , 2017 , 543, 705-709	50.4	501
371	Air pollution from traffic and the development of respiratory infections and asthmatic and allergic symptoms in children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 1092-8	10.2	477
370	A cohort study of traffic-related air pollution impacts on birth outcomes. <i>Environmental Health Perspectives</i> , 2008 , 116, 680-6	8.4	442
369	Critical Review of Health Impacts of Wildfire Smoke Exposure. <i>Environmental Health Perspectives</i> , 2016 , 124, 1334-43	8.4	408
368	Estimated global mortality attributable to smoke from landscape fires. <i>Environmental Health Perspectives</i> , 2012 , 120, 695-701	8.4	398
367	Risk of nonaccidental and cardiovascular mortality in relation to long-term exposure to low concentrations of fine particulate matter: a Canadian national-level cohort study. <i>Environmental Health Perspectives</i> , 2012 , 120, 708-14	8.4	396
366	Air pollution and development of asthma, allergy and infections in a birth cohort. <i>European Respiratory Journal</i> , 2007 , 29, 879-88	13.6	376
365	Improving health through policies that promote active travel: a review of evidence to support integrated health impact assessment. <i>Environment International</i> , 2011 , 37, 766-77	12.9	372
364	Application of land use regression to estimate long-term concentrations of traffic-related nitrogen oxides and fine particulate matter. <i>Environmental Science & Technology</i> , 2007 , 41, 2422-8	10.3	372
363	Effect of early life exposure to air pollution on development of childhood asthma. <i>Environmental Health Perspectives</i> , 2010 , 118, 284-90	8.4	370
362	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
361	. <i>Epidemiology</i> , 2003 , 14, 228-239	3.1	342
360	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</i> , 2020 , 395, 795-808	40	342

359	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. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 1133-1161	25.5	337
358	Traffic-related air pollution and the development of asthma and allergies during the first 8 years of life. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 596-603	10.2	335
357	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
356	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
355	High-Resolution Air Pollution Mapping with Google Street View Cars: Exploiting Big Data. <i>Environmental Science & Technology</i> , 2017 , 51, 6999-7008	10.3	303
354	Ambient PM _{2.5} , O ₃ and NO ₂ Exposures and Associations with Mortality over 16 Years of Follow-Up in the Canadian Census Health and Environment Cohort (CanCHEC). <i>Environmental Health Perspectives</i> , 2015 , 123, 1180-6	8.4	303
353	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1813-1850	40	302
352	Household cooking with solid fuels contributes to ambient PM _{2.5} air pollution and the burden of disease. <i>Environmental Health Perspectives</i> , 2014 , 122, 1314-20	8.4	299
351	Estimating long-term average particulate air pollution concentrations: application of traffic indicators and geographic information systems. <i>Epidemiology</i> , 2003 , 14, 228-39	3.1	299
350	Maternal exposure to particulate air pollution and term birth weight: a multi-country evaluation of effect and heterogeneity. <i>Environmental Health Perspectives</i> , 2013 , 121, 267-373	8.4	289
349	Built environment influences on healthy transportation choices: bicycling versus driving. <i>Journal of Urban Health</i> , 2010 , 87, 969-93	5.8	230
348	"What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health". <i>Environmental Science & Technology</i> , 2016 , 50, 4895-904	10.3	229
347	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
346	Meeting report: atmospheric pollution and human reproduction. <i>Environmental Health Perspectives</i> , 2008 , 116, 791-8	8.4	226
345	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1423-1459	40	224
344	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
343	The effect of biomass burning on respiratory symptoms and lung function in rural Mexican women. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 901-5	10.2	203
342	Lung Cancer and Exposure to Nitrogen Dioxide and Traffic: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , 2015 , 123, 1107-12	8.4	188

341	Ambient PM2.5 Reduces Global and Regional Life Expectancy. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 546-551	11	187
340	Within-urban variability in ambient air pollution: Comparison of estimation methods. <i>Atmospheric Environment</i> , 2008 , 42, 1359-1369	5.3	185
339	Association of long-term exposure to community noise and traffic-related air pollution with coronary heart disease mortality. <i>American Journal of Epidemiology</i> , 2012 , 175, 898-906	3.8	183
338	Associations of ambient air pollution with chronic obstructive pulmonary disease hospitalization and mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 721-7	10.2	180
337	Long-term exposure to traffic-related air pollution and the risk of coronary heart disease hospitalization and mortality. <i>Environmental Health Perspectives</i> , 2011 , 119, 501-7	8.4	173
336	Long-term Fine Particulate Matter Exposure and Nonaccidental and Cause-specific Mortality in a Large National Cohort of Chinese Men. <i>Environmental Health Perspectives</i> , 2017 , 125, 117002	8.4	168
335	Comparison between different traffic-related particle indicators: elemental carbon (EC), PM2.5 mass, and absorbance. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2003 , 13, 134-43	6.7	168
334	Residential greenness and birth outcomes: evaluating the influence of spatially correlated built-environment factors. <i>Environmental Health Perspectives</i> , 2014 , 122, 1095-102	8.4	167
333	Creating national air pollution models for population exposure assessment in Canada. <i>Environmental Health Perspectives</i> , 2011 , 119, 1123-9	8.4	167
332	Exposure to ambient and nonambient components of particulate matter: a comparison of health effects. <i>Epidemiology</i> , 2005 , 16, 396-405	3.1	162
331	The impact of daily mobility on exposure to traffic-related air pollution and health effect estimates. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2011 , 21, 42-8	6.7	156
330	Evaluation of an annular denuder/filter pack system to collect acidic aerosols and gases. <i>Environmental Science & Technology</i> , 1988 , 22, 1463-8	10.3	155
329	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
328	Temporal stability of land use regression models for traffic-related air pollution. <i>Atmospheric Environment</i> , 2013 , 64, 312-319	5.3	148
327	An air filter intervention study of endothelial function among healthy adults in a woodsmoke-impacted community. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1222-30	10.2	146
326	Healthy neighborhoods: walkability and air pollution. <i>Environmental Health Perspectives</i> , 2009 , 117, 1752-9	3.4	145
325	Wood smoke exposure induces a pulmonary and systemic inflammatory response in firefighters. <i>European Respiratory Journal</i> , 2008 , 32, 129-38	13.6	144
324	Chronic exposure to high levels of particulate air pollution and small airway remodeling. <i>Environmental Health Perspectives</i> , 2003 , 111, 714-8	8.4	144

323	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
322	Three measures of forest fire smoke exposure and their associations with respiratory and cardiovascular health outcomes in a population-based cohort. <i>Environmental Health Perspectives</i> , 2011 , 119, 1266-71	8.4	134
321	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
320	Long-term residential exposure to air pollution and lung cancer risk. <i>Epidemiology</i> , 2013 , 24, 762-72	3.1	125
319	Health impacts of anthropogenic biomass burning in the developed world. <i>European Respiratory Journal</i> , 2015 , 46, 1577-88	13.6	119
318	Health impacts of the built environment: within-urban variability in physical inactivity, air pollution, and ischemic heart disease mortality. <i>Environmental Health Perspectives</i> , 2012 , 120, 247-53	8.4	119
317	Correlation between co-exposures to noise and air pollution from traffic sources. <i>Occupational and Environmental Medicine</i> , 2009 , 66, 347-50	2.1	115
316	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
315	Risk estimates of mortality attributed to low concentrations of ambient fine particulate matter in the Canadian community health survey cohort. <i>Environmental Health</i> , 2016 , 15, 18	6	114
314	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113
313	Global Land Use Regression Model for Nitrogen Dioxide Air Pollution. <i>Environmental Science & Technology</i> , 2017 , 51, 6957-6964	10.3	111
312	Acid air and health. <i>Environmental Science & Technology</i> , 1990 , 24, 946-956	10.3	110
311	Chronic traffic-related air pollution and stress interact to predict biologic and clinical outcomes in asthma. <i>Environmental Health Perspectives</i> , 2008 , 116, 970-5	8.4	106
310	The Canadian Healthy Infant Longitudinal Development (CHILD) Study: examining developmental origins of allergy and asthma. <i>Thorax</i> , 2015 , 70, 998-1000	7.3	105
309	Spatiotemporal land use regression models of fine, ultrafine, and black carbon particulate matter in New Delhi, India. <i>Environmental Science & Technology</i> , 2013 , 47, 12903-11	10.3	105
308	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
307	Impacts of coal burning on ambient PM _{2.5} pollution in China. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 4477-4491	6.8	102
306	Impact of noise and air pollution on pregnancy outcomes. <i>Epidemiology</i> , 2014 , 25, 351-8	3.1	102

305	Human lung parenchyma retains PM _{2.5} . <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997 , 155, 2109-11	10.2	102
304	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
303	From measures to models: an evaluation of air pollution exposure assessment for epidemiological studies of pregnant women. <i>Occupational and Environmental Medicine</i> , 2008 , 65, 579-86	2.1	99
302	A land use regression model for ultrafine particles in Vancouver, Canada. <i>Environmental Science & Technology</i> , 2013 , 47, 5217-25	10.3	98
301	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
300	Air pollution and daily mortality in a city with low levels of pollution. <i>Environmental Health Perspectives</i> , 2003 , 111, 45-52	8.4	94
299	Mobile monitoring of particle light absorption coefficient in an urban area as a basis for land use regression. <i>Environmental Science & Technology</i> , 2009 , 43, 4672-8	10.3	93
298	Exposure of chronic obstructive pulmonary disease patients to particles: respiratory and cardiovascular health effects. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2001 , 11, 490-500	6.7	93
297	Variation in global chemical composition of PM _{2.5} : emerging results from SPARTAN. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 9629-9653	6.8	92
296	Ambient atmospheric particles in the airways of human lungs. <i>Ultrastructural Pathology</i> , 2000 , 24, 353-61	1.3	92
295	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
294	Response of global particulate-matter-related mortality to changes in local precursor emissions. <i>Environmental Science & Technology</i> , 2015 , 49, 4335-44	10.3	88
293	Spatial variation in nitrogen dioxide in three European areas. <i>Science of the Total Environment</i> , 2004 , 332, 217-30	10.2	88
292	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
291	Association of Long-Term Exposure to Transportation Noise and Traffic-Related Air Pollution with the Incidence of Diabetes: A Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2017 , 125, 087025	8.4	87
290	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
289	Indoor ozone and nitrogen dioxide: a potential pathway to the generation of nitrate radicals, dinitrogen pentoxide, and nitric acid indoors. <i>Environmental Science & Technology</i> , 1992 , 26, 179-184	10.3	85
288	Traffic-related air pollution and incident asthma in a high-risk birth cohort. <i>Occupational and Environmental Medicine</i> , 2011 , 68, 291-5	2.1	84

287	Infiltration of forest fire and residential wood smoke: an evaluation of air cleaner effectiveness. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008 , 18, 503-11	6.7	84
286	Exposure of chronic obstructive pulmonary disease patients to particulate matter: relationships between personal and ambient air concentrations. <i>Journal of the Air and Waste Management Association</i> , 2000 , 50, 1081-94	2.4	84
285	Mapping Bikeability: A Spatial Tool to Support Sustainable Travel. <i>Environment and Planning B: Planning and Design</i> , 2013 , 40, 865-883		83
284	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, 1461-71	9.3	83
283	How Far Out of the Way Will We Travel?: Built Environment Influences on Route Selection for Bicycle and Car Travel. <i>Transportation Research Record</i> , 2010 , 2190, 1-10	1.7	81
282	Air pollution and retained particles in the lung. <i>Environmental Health Perspectives</i> , 2001 , 109, 1039-43	8.4	81
281	Traffic-Related Air Pollution and Stress: Chen and Brauer Respond. <i>Environmental Health Perspectives</i> , 2008 , 116,	8.4	78
280	Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. <i>Lancet Planetary Health</i> , 2021 , 5, e25-e38	9.8	78
279	Traffic-related air pollution and otitis media. <i>Environmental Health Perspectives</i> , 2006 , 114, 1414-8	8.4	76
278	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
277	Changes in residential proximity to road traffic and the risk of death from coronary heart disease. <i>Epidemiology</i> , 2010 , 21, 642-9	3.1	73
276	An innovative land use regression model incorporating meteorology for exposure analysis. <i>Science of the Total Environment</i> , 2008 , 390, 520-9	10.2	73
275	Population health effects of air quality changes due to forest fires in British Columbia in 2003: estimates from physician-visit billing data. <i>Canadian Journal of Public Health</i> , 2006 , 97, 105-8	3.2	72
274	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
273	Time-activity patterns of pregnant women and changes during the course of pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009 , 19, 317-24	6.7	71
272	Indoor and outdoor concentrations of inorganic acidic aerosols and gases. <i>Journal of the Air and Waste Management Association</i> , 1991 , 41, 171-81		71
271	Descriptive epidemiological features of bronchiolitis in a population-based cohort. <i>Pediatrics</i> , 2008 , 122, 1196-203	7.4	70
270	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

269	From good intentions to proven interventions: effectiveness of actions to reduce the health impacts of air pollution. <i>Environmental Health Perspectives</i> , 2011 , 119, 29-36	8.4	69
268	Revealing the hidden health costs embodied in Chinese exports. <i>Environmental Science & Technology</i> , 2015 , 49, 4381-8	10.3	68
267	How much, how long, what, and where: air pollution exposure assessment for epidemiologic studies of respiratory disease. <i>Proceedings of the American Thoracic Society</i> , 2010 , 7, 111-5		67
266	A spatial model of urban winter woodsmoke concentrations. <i>Environmental Science & Technology</i> , 2007 , 41, 2429-36	10.3	67
265	Effects of theatrical smokes and fogs on respiratory health in the entertainment industry. <i>American Journal of Industrial Medicine</i> , 2005 , 47, 411-8	2.7	67
264	Assessment of Particulate Concentrations from Domestic Biomass Combustion in Rural Mexico. <i>Environmental Science & Technology</i> , 1996 , 30, 104-109	10.3	67
263	A climate policy pathway for near- and long-term benefits. <i>Science</i> , 2017 , 356, 493-494	33.3	66
262	Proximity to traffic, ambient air pollution, and community noise in relation to incident rheumatoid arthritis. <i>Environmental Health Perspectives</i> , 2014 , 122, 1075-80	8.4	66
261	Estimation of ambient and non-ambient components of particulate matter exposure from a personal monitoring panel study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2006 , 16, 264-74	6.7	66
260	Ozone personal exposures and health effects for selected groups residing in the Fraser Valley. <i>Atmospheric Environment</i> , 1997 , 31, 2113-2121	5.3	63
259	Particulate matter exposure along designated bicycle routes in Vancouver, British Columbia. <i>Science of the Total Environment</i> , 2008 , 405, 26-35	10.2	62
258	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
257	Health and Climate-Relevant Pollutant Concentrations from a Carbon-Finance Approved Cookstove Intervention in Rural India. <i>Environmental Science & Technology</i> , 2016 , 50, 7228-38	10.3	60
256	Asthma Trajectories in a Population-based Birth Cohort. Impacts of Air Pollution and Greenness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 607-613	10.2	57
255	SPARTAN: a global network to evaluate and enhance satellite-based estimates of ground-level particulate matter for global health applications. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 505-524		56
254	GSTP1 and TNF Gene variants and associations between air pollution and incident childhood asthma: the traffic, asthma and genetics (TAG) study. <i>Environmental Health Perspectives</i> , 2014 , 122, 418-24	8.4	56
253	Designing a route planner to facilitate and promote cycling in Metro Vancouver, Canada. <i>Transportation Research, Part A: Policy and Practice</i> , 2010 , 44, 495-505	3.7	56
252	Measurements of nitrous acid inside two research houses. <i>Environmental Science & Technology</i> , 1990 , 24, 1521-1527	10.3	56

251	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
250	Modeling population exposure to community noise and air pollution in a large metropolitan area. <i>Environmental Research</i> , 2012 , 116, 11-6	7.9	55
249	Influence of ambient air pollutant sources on clinical encounters for infant bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 995-1001	10.2	55
248	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
247	Air Pollution in the Mega-cities. <i>Current Environmental Health Reports</i> , 2014 , 1, 185-191	6.5	54
246	Childhood allergic rhinitis, traffic-related air pollution, and variability in the GSTP1, TNF, TLR2, and TLR4 genes: results from the TAG Study. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 342-52.e2	11.5	54
245	The transferability of NO and NO2 land use regression models between cities and pollutants. <i>Atmospheric Environment</i> , 2011 , 45, 369-378	5.3	54
244	Trends in Chemical Composition of Global and Regional Population-Weighted Fine Particulate Matter Estimated for 25 Years. <i>Environmental Science & Technology</i> , 2017 , 51, 11185-11195	10.3	53
243	Intercity transferability of land use regression models for estimating ambient concentrations of nitrogen dioxide. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009 , 19, 107-17	6.7	53
242	Global estimation of exposure to fine particulate matter (PM) from household air pollution. <i>Environment International</i> , 2018 , 120, 354-363	12.9	52
241	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
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