

# Hai-dong Kan

## List of Publications by Citations

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358  
papers

29,971  
citations

68  
h-index

169  
g-index

388  
ext. papers

37,293  
ext. citations

8.7  
avg, IF

6.92  
L-index

#	Paper	IF	Citations
358	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> , <b>2012</b> , 380, 2224-60	40	7625
357	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> , <b>2017</b> , 389, 1907-1918	40	2658
356	An integrated risk function for estimating the global burden of disease attributable to ambient fine particulate matter exposure. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 397-403	8.4	1100
355	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. <i>Lancet, The</i> , <b>2015</b> , 386, 369-75	40	1099
354	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. <i>Nature</i> , <b>2020</b> , 582, 557-560	50.4	1007
353	Cause-specific mortality for 240 causes in China during 1990-2013: a systematic subnational analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , <b>2016</b> , 387, 251-72	40	827
352	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> , <b>2018</b> , 115, 9592-9597	11.5	810
351	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 705-715	59.2	520
350	Transboundary health impacts of transported global air pollution and international trade. <i>Nature</i> , <b>2017</b> , 543, 705-709	50.4	501
349	Respiratory risks from household air pollution in low and middle income countries. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, 823-60	35.1	459
348	Ambient air pollution, climate change, and population health in China. <i>Environment International</i> , <b>2012</b> , 42, 10-9	12.9	459
347	Season, sex, age, and education as modifiers of the effects of outdoor air pollution on daily mortality in Shanghai, China: The Public Health and Air Pollution in Asia (PAPA) Study. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1183-8	8.4	396
346	Fine Particulate Air Pollution and Daily Mortality. A Nationwide Analysis in 272 Chinese Cities. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 73-81	10.2	351
345	Public Health and Air Pollution in Asia (PAPA): a multicity study of short-term effects of air pollution on mortality. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1195-202	8.4	320
344	Fine particulate matter constituents and cardiopulmonary mortality in a heavily polluted Chinese city. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 373-8	8.4	316
343	Association of particulate air pollution with daily mortality: the China Air Pollution and Health Effects Study. <i>American Journal of Epidemiology</i> , <b>2012</b> , 175, 1173-81	3.8	285
342	Projections of temperature-related excess mortality under climate change scenarios. <i>Lancet Planetary Health</i> , <b>2017</b> , 1, e360-e367	9.8	272

341	Association between long-term exposure to outdoor air pollution and mortality in China: a cohort study. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 1594-600	12.8	272
340	Differentiating the effects of fine and coarse particles on daily mortality in Shanghai, China. <i>Environment International</i> , <b>2007</b> , 33, 376-84	12.9	259
339	Particulate Matter Exposure and Stress Hormone Levels: A Randomized, Double-Blind, Crossover Trial of Air Purification. <i>Circulation</i> , <b>2017</b> , 136, 618-627	16.7	254
338	No association of COVID-19 transmission with temperature or UV radiation in Chinese cities. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	227
337	Particulate air pollution in urban areas of Shanghai, China: health-based economic assessment. <i>Science of the Total Environment</i> , <b>2004</b> , 322, 71-9	10.2	175
336	Ambient Ozone Pollution and Daily Mortality: A Nationwide Study in 272 Chinese Cities. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 117006	8.4	159
335	Cardiopulmonary benefits of reducing indoor particles of outdoor origin: a randomized, double-blind crossover trial of air purifiers. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 2279-87	15.1	152
334	Diurnal temperature range and daily mortality in Shanghai, China. <i>Environmental Research</i> , <b>2007</b> , 103, 424-31	7.9	138
333	Association of particulate matter pollution and case fatality rate of COVID-19 in 49 Chinese cities. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140396	10.2	136
332	Ambient air pollution and hospital admission in Shanghai, China. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 181, 234-40	12.8	131
331	Exposures and health outcomes from outdoor air pollutants in China. <i>Toxicology</i> , <b>2004</b> , 198, 291-300	4.4	130
330	Short-term exposure to sulfur dioxide and daily mortality in 17 Chinese cities: the China air pollution and health effects study (CAPES). <i>Environmental Research</i> , <b>2012</b> , 118, 101-6	7.9	125
329	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002629	11.6	123
328	Temperature-related mortality in 17 large Chinese cities: how heat and cold affect mortality in China. <i>Environmental Research</i> , <b>2014</b> , 134, 127-33	7.9	122
327	Associations between short-term exposure to nitrogen dioxide and mortality in 17 Chinese cities: the China Air Pollution and Health Effects Study (CAPES). <i>Environment International</i> , <b>2012</b> , 45, 32-8	12.9	122
326	Particulate air pollution and mortality in a cohort of Chinese men. <i>Environmental Pollution</i> , <b>2014</b> , 186, 1-6	9.3	116
325	Ozone and daily mortality in Shanghai, China. <i>Environmental Health Perspectives</i> , <b>2006</b> , 114, 1227-32	8.4	114
324	Size-fractionated particle number concentrations and daily mortality in a Chinese city. <i>Environmental Health Perspectives</i> , <b>2013</b> , 121, 1174-8	8.4	105

323	Associations between long-term exposure to ambient particulate air pollution and type 2 diabetes prevalence, blood glucose and glycosylated hemoglobin levels in China. <i>Environment International</i> , <b>2016</b> , 92-93, 416-421	12.9	103
322	VOC characteristics and inhalation health risks in newly renovated residences in Shanghai, China. <i>Science of the Total Environment</i> , <b>2017</b> , 577, 73-83	10.2	97
321	Short-term association between sulfur dioxide and daily mortality: the Public Health and Air Pollution in Asia (PAPA) study. <i>Environmental Research</i> , <b>2010</b> , 110, 258-64	7.9	97
320	Associations between Coarse Particulate Matter Air Pollution and Cause-Specific Mortality: A Nationwide Analysis in 272 Chinese Cities. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 17008	8.4	96
319	Long-term trend and spatial pattern of PM induced premature mortality in China. <i>Environment International</i> , <b>2016</b> , 97, 180-186	12.9	96
318	Association between ambient temperature and mortality risk and burden: time series study in 272 main Chinese cities. <i>BMJ, The</i> , <b>2018</b> , 363, k4306	5.9	96
317	Alternative ozone metrics and daily mortality in Suzhou: the China Air Pollution and Health Effects Study (CAPES). <i>Science of the Total Environment</i> , <b>2012</b> , 426, 83-9	10.2	93
316	A land use regression model for estimating the NO <sub>2</sub> concentration in Shanghai, China. <i>Environmental Research</i> , <b>2015</b> , 137, 308-15	7.9	92
315	Both low and high temperature may increase the risk of stroke mortality. <i>Neurology</i> , <b>2013</b> , 81, 1064-70	6.5	92
314	PM <sub>2.5</sub> constituents and hospital emergency-room visits in Shanghai, China. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 10406-14	10.3	90
313	The biological effects of individual-level PM <sub>2.5</sub> exposure on systemic immunity and inflammatory response in traffic policemen. <i>Occupational and Environmental Medicine</i> , <b>2013</b> , 70, 426-31	2.1	88
312	Communicating air pollution-related health risks to the public: an application of the Air Quality Health Index in Shanghai, China. <i>Environment International</i> , <b>2013</b> , 51, 168-73	12.9	83
311	Fine Particulate Air Pollution and the Expression of microRNAs and Circulating Cytokines Relevant to Inflammation, Coagulation, and Vasoconstriction. <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 017007	8.4	83
310	Short-term exposure to fine and coarse particles and mortality: A multicity time-series study in East Asia. <i>Environmental Pollution</i> , <b>2015</b> , 207, 43-51	9.3	82
309	Traffic exposure and lung function in adults: the Atherosclerosis Risk in Communities study. <i>Thorax</i> , <b>2007</b> , 62, 873-9	7.3	82
308	Associations between ambient fine particulate air pollution and hypertension: A nationwide cross-sectional study in China. <i>Science of the Total Environment</i> , <b>2017</b> , 584-585, 869-874	10.2	80
307	The associations between ambient air pollution and adult respiratory mortality in 32 major Chinese cities, 2006-2010. <i>Environmental Research</i> , <b>2015</b> , 137, 278-86	7.9	79
306	Indoor formaldehyde concentrations in urban China: Preliminary study of some important influencing factors. <i>Science of the Total Environment</i> , <b>2017</b> , 590-591, 394-405	10.2	76

305	Associations between short-term exposure to ambient sulfur dioxide and increased cause-specific mortality in 272 Chinese cities. <i>Environment International</i> , <b>2018</b> , 117, 33-39	12.9	76
304	Associations Between Ambient Nitrogen Dioxide and Daily Cause-specific Mortality: Evidence from 272 Chinese Cities. <i>Epidemiology</i> , <b>2018</b> , 29, 482-489	3.1	75
303	The effects of PM on asthmatic and allergic diseases or symptoms in preschool children of six Chinese cities, based on China, Children, Homes and Health (CCHH) project. <i>Environmental Pollution</i> , <b>2018</b> , 232, 329-337	9.3	75
302	Acute effects of air pollution on asthma hospitalization in Shanghai, China. <i>Environmental Pollution</i> , <b>2014</b> , 191, 139-44	9.3	75
301	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , <b>2021</b> , 11, 492-500	21.4	75
300	Association of ambient air pollution with hospital outpatient and emergency room visits in Shanghai, China. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 5531-6	10.2	74
299	Changes in Susceptibility to Heat During the Summer: A Multicountry Analysis. <i>American Journal of Epidemiology</i> , <b>2016</b> , 183, 1027-36	3.8	72
298	Fine Particulate Matter Constituents, Nitric Oxide Synthase DNA Methylation and Exhaled Nitric Oxide. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 11859-65	10.3	71
297	Ambient air pollution and daily hospital admissions for mental disorders in Shanghai, China. <i>Science of the Total Environment</i> , <b>2018</b> , 613-614, 324-330	10.2	71
296	Prospective analysis of traffic exposure as a risk factor for incident coronary heart disease: the Atherosclerosis Risk in Communities (ARIC) study. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1463-8	8.4	71
295	Acute effect of ambient air pollution on stroke mortality in the China air pollution and health effects study. <i>Stroke</i> , <b>2013</b> , 44, 954-60	6.7	70
294	Ambient carbon monoxide and cardiovascular mortality: a nationwide time-series analysis in 272 cities in China. <i>Lancet Planetary Health, The</i> , <b>2018</b> , 2, e12-e18	9.8	69
293	Revealing the hidden health costs embodied in Chinese exports. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 4381-8	10.3	68
292	Exposure to concentrated ambient PM alters the composition of gut microbiota in a murine model. <i>Particle and Fibre Toxicology</i> , <b>2018</b> , 15, 17	8.4	68
291	Size-fractionated particulate air pollution and circulating biomarkers of inflammation, coagulation, and vasoconstriction in a panel of young adults. <i>Epidemiology</i> , <b>2015</b> , 26, 328-36	3.1	68
290	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. <i>Climatic Change</i> , <b>2018</b> , 150, 391-402	4.5	67
289	Traffic-Related Air Pollution Contributes to Development of Facial Lentigines: Further Epidemiological Evidence from Caucasians and Asians. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 1053-1056	4.3	63
288	Effects of ambient temperature on daily hospital admissions for mental disorders in Shanghai, China: A time-series analysis. <i>Science of the Total Environment</i> , <b>2017</b> , 590-591, 281-286	10.2	61

287	Short-term exposure to ambient air pollution and coronary heart disease mortality in 8 Chinese cities. <i>International Journal of Cardiology</i> , <b>2015</b> , 197, 265-70	3.2	61
286	Public health benefits of reducing air pollution in Shanghai: a proof-of-concept methodology with application to BenMAP. <i>Science of the Total Environment</i> , <b>2014</b> , 485-486, 396-405	10.2	61
285	A case-crossover analysis of air pollution and daily mortality in Shanghai. <i>Journal of Occupational Health</i> , <b>2003</b> , 45, 119-24	2.3	61
284	Acute effects of diurnal temperature range on mortality in 8 Chinese cities. <i>Science of the Total Environment</i> , <b>2014</b> , 493, 92-7	10.2	60
283	Association of Atmospheric Particulate Matter and Ozone with Gestational Diabetes Mellitus. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 853-9	8.4	60
282	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 1101-1112	7.8	59
281	Ambient air pollution and daily mortality in Anshan, China: a time-stratified case-crossover analysis. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 6086-91	10.2	59
280	Air pollution and daily mortality in Shanghai: a time-series study. <i>Archives of Environmental Health</i> , <b>2003</b> , 58, 360-7		59
279	Personal exposure to fine particulate matter and blood pressure: A role of angiotensin converting enzyme and its DNA methylation. <i>Environment International</i> , <b>2016</b> , 94, 661-666	12.9	58
278	Ambient carbon monoxide and daily mortality in three Chinese cities: the China Air Pollution and Health Effects Study (CAPES). <i>Science of the Total Environment</i> , <b>2011</b> , 409, 4923-8	10.2	57
277	Estimating ground-level PM(10) in a Chinese city by combining satellite data, meteorological information and a land use regression model. <i>Environmental Pollution</i> , <b>2016</b> , 208, 177-184	9.3	56
276	Short-term exposure to fine particulate air pollution and genome-wide DNA methylation: A randomized, double-blind, crossover trial. <i>Environment International</i> , <b>2018</b> , 120, 130-136	12.9	56
275	Health benefits of improving air quality in Taiyuan, China. <i>Environment International</i> , <b>2014</b> , 73, 235-42	12.9	56
274	An evaluation of public health impact of ambient air pollution under various energy scenarios in Shanghai, China. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 95-102	5.3	56
273	Effect of Vitamin E and Omega-3 Fatty Acids on Protecting Ambient PM2.5-Induced Inflammatory Response and Oxidative Stress in Vascular Endothelial Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152216	3.7	55
272	DNA hypomethylation and its mediation in the effects of fine particulate air pollution on cardiovascular biomarkers: A randomized crossover trial. <i>Environment International</i> , <b>2016</b> , 94, 614-619	12.9	55
271	Fine particulate matter constituents and stress hormones in the hypothalamus-pituitary-adrenal axis. <i>Environment International</i> , <b>2018</b> , 119, 186-192	12.9	53
270	Association between fine particulate matter chemical constituents and airway inflammation: A panel study among healthy adults in China. <i>Environmental Research</i> , <b>2016</b> , 150, 264-268	7.9	52

269	Temperature and daily mortality in Suzhou, China: a time series analysis. <i>Science of the Total Environment</i> , <b>2014</b> , 466-467, 985-90	10.2	51
268	Comprehensive approach to understand the association between diurnal temperature range and mortality in East Asia. <i>Science of the Total Environment</i> , <b>2016</b> , 539, 313-321	10.2	50
267	Low-carbon energy policy and ambient air pollution in Shanghai, China: a health-based economic assessment. <i>Science of the Total Environment</i> , <b>2007</b> , 373, 13-21	10.2	50
266	Acute Effects of Particulate Air Pollution on the Incidence of Coronary Heart Disease in Shanghai, China. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151119	3.7	50
265	The Acute Effects of Fine Particulate Matter Constituents on Blood Inflammation and Coagulation. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 8128-8137	10.3	49
264	Air pollution is associated with the development of atherosclerosis via the cooperation of CD36 and NLRP3 inflammasome in ApoE mice. <i>Toxicology Letters</i> , <b>2018</b> , 290, 123-132	4.4	49
263	Acute effect of ambient air pollution on heart failure in Guangzhou, China. <i>International Journal of Cardiology</i> , <b>2014</b> , 177, 436-41	3.2	49
262	Dietary fiber, lung function, and chronic obstructive pulmonary disease in the atherosclerosis risk in communities study. <i>American Journal of Epidemiology</i> , <b>2008</b> , 167, 570-8	3.8	49
261	Temporal association between particulate matter pollution and case fatality rate of COVID-19 in Wuhan. <i>Environmental Research</i> , <b>2020</b> , 189, 109941	7.9	49
260	Associations between birth outcomes and maternal PM exposure in Shanghai: A comparison of three exposure assessment approaches. <i>Environment International</i> , <b>2018</b> , 117, 226-236	12.9	48
259	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. <i>Lancet Planetary Health</i> , <b>2021</b> , 5, e415-e425	9.8	48
258	Exposure to particulate air pollution during early pregnancy is associated with placental DNA methylation. <i>Science of the Total Environment</i> , <b>2017</b> , 607-608, 1103-1108	10.2	47
257	The effects of firework regulation on air quality and public health during the Chinese Spring Festival from 2013 to 2017 in a Chinese megacity. <i>Environment International</i> , <b>2019</b> , 126, 96-106	12.9	47
256	Effects of meteorological factors on daily hospital admissions for asthma in adults: a time-series analysis. <i>PLoS ONE</i> , <b>2014</b> , 9, e102475	3.7	46
255	Associations between exposure to polycyclic aromatic hydrocarbons and glucose homeostasis as well as metabolic syndrome in nondiabetic adults. <i>Science of the Total Environment</i> , <b>2015</b> , 505, 56-64	10.2	45
254	Acute stroke mortality and air pollution: new evidence from Shanghai, China. <i>Journal of Occupational Health</i> , <b>2003</b> , 45, 321-3	2.3	45
253	Personal exposure to fine particulate matter, lung function and serum club cell secretory protein (Clara). <i>Environmental Pollution</i> , <b>2017</b> , 225, 450-455	9.3	44
252	Bisphenol A and other environmental risk factors for prostate cancer in Hong Kong. <i>Environment International</i> , <b>2017</b> , 107, 1-7	12.9	44



251	The impact of the 2008 cold spell on mortality in Shanghai, China. <i>International Journal of Biometeorology</i> , <b>2013</b> , 57, 179-84	3.7	44
250	Extreme temperatures and out-of-hospital coronary deaths in six large Chinese cities. <i>Journal of Epidemiology and Community Health</i> , <b>2014</b> , 68, 1119-24	5.1	44
249	Cardiovascular Benefits of Fish-Oil Supplementation Against Fine Particulate Air Pollution in China. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 2076-2085	15.1	43
248	Fine Particulate Constituents and Lung Dysfunction: A Time-Series Panel Study. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1687-1694	10.3	42
247	Long-term exposure to ambient air pollution and mortality in a Chinese tuberculosis cohort. <i>Science of the Total Environment</i> , <b>2017</b> , 580, 1483-1488	10.2	42
246	Ambient particulate matter air pollution associated with acute respiratory distress syndrome in Guangzhou, China. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2018</b> , 28, 392-399	6.7	41
245	Impact of short-term exposure to fine particulate matter air pollution on urinary metabolome: A randomized, double-blind, crossover trial. <i>Environment International</i> , <b>2019</b> , 130, 104878	12.9	39
244	Ambient air pollution, temperature and out-of-hospital coronary deaths in Shanghai, China. <i>Environmental Pollution</i> , <b>2015</b> , 203, 116-121	9.3	39
243	Ambient Air Pollution, Meteorological Factors and Outpatient Visits for Eczema in Shanghai, China: A Time-Series Analysis. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	39
242	Exposure to ambient fine particulate matter and semen quality in Taiwan. <i>Occupational and Environmental Medicine</i> , <b>2018</b> , 75, 148-154	2.1	39
241	Warmer weather unlikely to reduce the COVID-19 transmission: An ecological study in 202 locations in 8 countries. <i>Science of the Total Environment</i> , <b>2021</b> , 753, 142272	10.2	39
240	Long-term variations in the association between ambient temperature and daily cardiovascular mortality in Shanghai, China. <i>Science of the Total Environment</i> , <b>2015</b> , 538, 524-30	10.2	38
239	Nitrogen dioxide air pollution and preterm birth in Shanghai, China. <i>Environmental Research</i> , <b>2019</b> , 169, 79-85	7.9	38
238	Metabolomics analysis of a mouse model for chronic exposure to ambient PM. <i>Environmental Pollution</i> , <b>2019</b> , 247, 953-963	9.3	37
237	Exploring the mechanisms of heat wave vulnerability at the urban scale based on the application of big data and artificial societies. <i>Environment International</i> , <b>2019</b> , 127, 573-583	12.9	37
236	Possible Mediation by Methylation in Acute Inflammation Following Personal Exposure to Fine Particulate Air Pollution. <i>American Journal of Epidemiology</i> , <b>2018</b> , 187, 484-493	3.8	37
235	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 97007	8.4	36
234	Traffic-related air pollution is associated with cardio-metabolic biomarkers in general residents. <i>International Archives of Occupational and Environmental Health</i> , <b>2016</b> , 89, 911-21	3.2	35



233	Future ozone-related acute excess mortality under climate and population change scenarios in China: A modeling study. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002598	11.6	35
232	Knowledge, attitudes, and practices (KAP) of the relationship between air pollution and children's respiratory health in Shanghai, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 1834-48	4.6	34
231	Relationship between ambient air pollution and daily mortality of SARS in Beijing. <i>Biomedical and Environmental Sciences</i> , <b>2005</b> , 18, 1-4	1.1	34
230	High temperature as a risk factor for infectious diarrhea in Shanghai, China. <i>Journal of Epidemiology</i> , <b>2013</b> , 23, 418-23	3.4	33
229	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. <i>BMJ, The</i> , <b>2021</b> , 372, n534	5.9	33
228	Solid Fuel Use and Risks of Respiratory Diseases. A Cohort Study of 280,000 Chinese Never-Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 352-361	10.2	33
227	Effects of Personal Short-Term Exposure to Ambient Ozone on Blood Pressure and Vascular Endothelial Function: A Mechanistic Study Based on DNA Methylation and Metabolomics. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 12774-12782	10.3	33
226	Temperature and daily mortality in Shanghai: a time-series study. <i>Biomedical and Environmental Sciences</i> , <b>2003</b> , 16, 133-9	1.1	33
225	The association of daily diabetes mortality and outdoor air pollution in Shanghai, China. <i>Journal of Environmental Health</i> , <b>2004</b> , 67, 21-6	0.4	33
224	Dietary fiber intake and retinal vascular caliber in the Atherosclerosis Risk in Communities Study. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1626-32	7	31
223	The association between short-term ambient air pollution and daily outpatient visits for schizophrenia: A hospital-based study. <i>Environmental Pollution</i> , <b>2019</b> , 244, 102-108	9.3	31
222	A time series analysis of outdoor air pollution and preterm birth in Shanghai, China. <i>Biomedical and Environmental Sciences</i> , <b>2007</b> , 20, 426-31	1.1	31
221	Particulate air pollution and circulating biomarkers among type 2 diabetic mellitus patients: the roles of particle size and time windows of exposure. <i>Environmental Research</i> , <b>2015</b> , 140, 112-8	7.9	30
220	Indoor PM exposure affects skin aging manifestation in a Chinese population. <i>Scientific Reports</i> , <b>2017</b> , 7, 15329	4.9	30
219	Air pollution and health studies in China--policy implications. <i>Journal of the Air and Waste Management Association</i> , <b>2011</b> , 61, 1292-9	2.4	30
218	Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. <i>Chemosphere</i> , <b>2020</b> , 240, 124904	8.4	29
217	Fine particulate matter-induced cardiovascular injury is associated with NLRP3 inflammasome activation in Apo E mice. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 174, 92-99	7	28
216	Air pollution and fasting blood glucose: A longitudinal study in China. <i>Science of the Total Environment</i> , <b>2016</b> , 541, 750-755	10.2	28

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214	Associations between size-fractionated particulate air pollution and blood pressure in a panel of type II diabetes mellitus patients. <i>Environment International</i> , <b>2015</b> , 80, 19-25	12.9	27
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57	Evaluating the spatiotemporal ozone characteristics with high-resolution predictions in mainland China, 2013-2019.. <i>Environmental Pollution</i> , <b>2022</b> , 118865	9.3	2
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51	Prenatal exposure to fine particles, premature rupture of membranes and gestational age: A prospective cohort study. <i>Environment International</i> , <b>2020</b> , 145, 106146	12.9	2
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49	A Satellite-Based Land Use Regression Model of Ambient NO <sub>2</sub> with High Spatial Resolution in a Chinese City. <i>Remote Sensing</i> , <b>2021</b> , 13, 397	5	2
48	Parental PM exposure changes Th17/Treg cells in offspring, is associated with the elevation of blood pressure. <i>Environmental Toxicology</i> , <b>2021</b> , 36, 1152-1161	4.2	2
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45	Ambient fine particulate matter air pollution and the risk of preterm birth: A multicenter birth cohort study in China. <i>Environmental Pollution</i> , <b>2021</b> , 287, 117629	9.3	2
44	The prospective effects of long-term exposure to ambient PM and constituents on mortality in rural East China. <i>Chemosphere</i> , <b>2021</b> , 280, 130740	8.4	2
43	Dynamic molecular choreography induced by traffic exposure: A randomized, crossover trial using multi-omics profiling. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127359	12.8	2
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41	Personal ozone exposure and stress hormones in the hypothalamus-pituitary-adrenal and sympathetic-adrenal-medullary axes.. <i>Environment International</i> , <b>2021</b> , 159, 107050	12.9	1
40	Differential associations of particle size ranges and constituents with stroke emergency-room visits in Shanghai, China.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 232, 113237	7	1
39	City-level greenness exposure is associated with COVID-19 incidence in China.. <i>Environmental Research</i> , <b>2022</b> , 209, 112871	7.9	1
38	Associations of residential greenness with lung function and chronic obstructive pulmonary disease in China.. <i>Environmental Research</i> , <b>2022</b> , 209, 112877	7.9	1
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36	Concentrated ambient fine particles exposure affects ovarian follicle development in mice.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 231, 113178	7	1

35	Short-Term Exposure to Ambient Ozone and Outpatient Visits for Respiratory Diseases - 5 Cities, China, 2013-2015. <i>China CDC Weekly</i> , <b>2020</b> , 2, 878-881	4	1
34	Global Economic Cost of Deaths Attributable to Ambient Air Pollution: Disproportionate Burden on the Ageing Population		1
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31	Association between fine particulate matter and heart failure hospitalizations: a time-series analysis in Yancheng, China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 26906-26912	5.1	1
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28	The acute effects of particulate matter air pollution on ambulatory blood pressure: A multicenter analysis at the hourly level. <i>Environment International</i> , <b>2021</b> , 157, 106859	12.9	1
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