

Hai-dong Kan

List of Publications by Year in descending order

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Version: 2024-02-01

375
papers

43,970
citations

7069

78
h-index

2439

197
g-index

388
all docs

388
docs citations

388
times ranked

44067
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012, 380, 2224-2260.	6.3	9,397
2	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.	6.3	4,187
3	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. <i>Lancet, The</i> , 2015, 386, 369-375.	6.3	1,676
4	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. <i>Nature</i> , 2020, 582, 557-560.	13.7	1,517
5	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.	2.8	1,423
6	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.	3.3	1,407
7	Cause-specific mortality for 240 causes in China during 1990â€“2013: a systematic subnational analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2016, 387, 251-272.	6.3	1,121
8	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , 2019, 381, 705-715.	13.9	978
9	Transboundary health impacts of transported global air pollution and international trade. <i>Nature</i> , 2017, 543, 705-709.	13.7	737
10	Respiratory risks from household air pollution in low and middle income countries. <i>Lancet Respiratory Medicine</i> , the, 2014, 2, 823-860.	5.2	670
11	Ambient air pollution, climate change, and population health in China. <i>Environment International</i> , 2012, 42, 10-19.	4.8	609
12	Fine Particulate Air Pollution and Daily Mortality. A Nationwide Analysis in 272 Chinese Cities. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 73-81.	2.5	539
13	Projections of temperature-related excess mortality under climate change scenarios. <i>Lancet Planetary Health, The</i> , 2017, 1, e360-e367.	5.1	497
14	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> , 2008, 116, 1183-1188.	2.8	486
15	Fine Particulate Matter Constituents and Cardiopulmonary Mortality in a Heavily Polluted Chinese City. <i>Environmental Health Perspectives</i> , 2012, 120, 373-378.	2.8	413
16	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , 2021, 11, 492-500.	8.1	400
17	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> , 2008, 116, 1195-1202.	2.8	382
18	Particulate Matter Exposure and Stress Hormone Levels. <i>Circulation</i> , 2017, 136, 618-627.	1.6	364

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19	Association between long-term exposure to outdoor air pollution and mortality in China: A cohort study. <i>Journal of Hazardous Materials</i> , 2011, 186, 1594-1600.	6.5	348
20	Association of Particulate Air Pollution With Daily Mortality: The China Air Pollution and Health Effects Study. <i>American Journal of Epidemiology</i> , 2012, 175, 1173-1181.	1.6	348
21	No association of COVID-19 transmission with temperature or UV radiation in Chinese cities. <i>European Respiratory Journal</i> , 2020, 55, 2000517.	3.1	308
22	Differentiating the effects of fine and coarse particles on daily mortality in Shanghai, China. <i>Environment International</i> , 2007, 33, 376-384.	4.8	302
23	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> , The, 2021, 5, e415-e425.	5.1	284
24	Ambient Ozone Pollution and Daily Mortality: A Nationwide Study in 272 Chinese Cities. <i>Environmental Health Perspectives</i> , 2017, 125, 117006.	2.8	236
25	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. <i>PLoS Medicine</i> , 2018, 15, e1002629.	3.9	232
26	Association between ambient temperature and mortality risk and burden: time series study in 272 main Chinese cities. <i>BMJ: British Medical Journal</i> , 2018, 363, k4306.	2.4	216
27	Cardiopulmonary Benefits of Reducing Indoor Particles of Outdoor Origin. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2279-2287.	1.2	214
28	Association of particulate matter pollution and case fatality rate of COVID-19 in 49 Chinese cities. <i>Science of the Total Environment</i> , 2020, 741, 140396.	3.9	205
29	Particulate air pollution in urban areas of Shanghai, China: health-based economic assessment. <i>Science of the Total Environment</i> , 2004, 322, 71-79.	3.9	194
30	Diurnal temperature range and daily mortality in Shanghai, China. <i>Environmental Research</i> , 2007, 103, 424-431.	3.7	165
31	Ambient air pollution and hospital admission in Shanghai, China. <i>Journal of Hazardous Materials</i> , 2010, 181, 234-240.	6.5	165
32	Temperature-related mortality in 17 large Chinese cities: How heat and cold affect mortality in China. <i>Environmental Research</i> , 2014, 134, 127-133.	3.7	161
33	Exposures and health outcomes from outdoor air pollutants in China. <i>Toxicology</i> , 2004, 198, 291-300.	2.0	157
34	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> , 2012, 118, 101-106.	3.7	157
35	VOC characteristics and inhalation health risks in newly renovated residences in Shanghai, China. <i>Science of the Total Environment</i> , 2017, 577, 73-83.	3.9	155
36	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> , 2012, 45, 32-38.	4.8	148

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37	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> , 2016, 92-93, 416-421.	4.8	142
38	Associations between Coarse Particulate Matter Air Pollution and Cause-Specific Mortality: A Nationwide Analysis in 272 Chinese Cities. <i>Environmental Health Perspectives</i> , 2019, 127, 17008.	2.8	141
39	Particulate air pollution and mortality in a cohort of Chinese men. <i>Environmental Pollution</i> , 2014, 186, 1-6.	3.7	139
40	Ozone and Daily Mortality in Shanghai, China. <i>Environmental Health Perspectives</i> , 2006, 114, 1227-1232.	2.8	133
41	Long-term trend and spatial pattern of PM _{2.5} induced premature mortality in China. <i>Environment International</i> , 2016, 97, 180-186.	4.8	133
42	Alternative ozone metrics and daily mortality in Suzhou: The China Air Pollution and Health Effects Study (CAPES). <i>Science of the Total Environment</i> , 2012, 426, 83-89.	3.9	131
43	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. <i>International Journal of Epidemiology</i> , 2019, 48, 1101-1112.	0.9	131
44	Fine Particulate Air Pollution and the Expression of microRNAs and Circulating Cytokines Relevant to Inflammation, Coagulation, and Vasoconstriction. <i>Environmental Health Perspectives</i> , 2018, 126, 017007.	2.8	130
45	Size-Fractionated Particle Number Concentrations and Daily Mortality in a Chinese City. <i>Environmental Health Perspectives</i> , 2013, 121, 1174-1178.	2.8	124
46	Short-term association between sulfur dioxide and daily mortality: The Public Health and Air Pollution in Asia (PAPA) study. <i>Environmental Research</i> , 2010, 110, 258-264.	3.7	117
47	PM _{2.5} Constituents and Hospital Emergency-Room Visits in Shanghai, China. <i>Environmental Science & Technology</i> , 2014, 48, 10406-10414.	4.6	117
48	Both low and high temperature may increase the risk of stroke mortality. <i>Neurology</i> , 2013, 81, 1064-1070.	1.5	116
49	Ambient carbon monoxide and cardiovascular mortality: a nationwide time-series analysis in 272 cities in China. <i>Lancet Planetary Health</i> , The, 2018, 2, e12-e18.	5.1	116
50	Associations Between Ambient Nitrogen Dioxide and Daily Cause-specific Mortality. <i>Epidemiology</i> , 2018, 29, 482-489.	1.2	114
51	The biological effects of individual-level PM _{2.5} exposure on systemic immunity and inflammatory response in traffic policemen. <i>Occupational and Environmental Medicine</i> , 2013, 70, 426-431.	1.3	113
52	A land use regression model for estimating the NO ₂ concentration in shanghai, China. <i>Environmental Research</i> , 2015, 137, 308-315.	3.7	113
53	Exposure to concentrated ambient PM _{2.5} alters the composition of gut microbiota in a murine model. <i>Particle and Fibre Toxicology</i> , 2018, 15, 17.	2.8	112
54	The effects of PM _{2.5} 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> , 2018, 232, 329-337.	3.7	110

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55	Mortality risk attributable to wildfire-related PM _{2.5} pollution: a global time series study in 749 locations. <i>Lancet Planetary Health</i> , The, 2021, 5, e579-e587.	5.1	109
56	The associations between ambient air pollution and adult respiratory mortality in 32 major Chinese cities, 2006–2010. <i>Environmental Research</i> , 2015, 137, 278-286.	3.7	107
57	Associations between short-term exposure to ambient sulfur dioxide and increased cause-specific mortality in 272 Chinese cities. <i>Environment International</i> , 2018, 117, 33-39.	4.8	107
58	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. <i>Climatic Change</i> , 2018, 150, 391-402.	1.7	107
59	Traffic exposure and lung function in adults: the Atherosclerosis Risk in Communities study. <i>Thorax</i> , 2007, 62, 873-879.	2.7	106
60	Short-term exposure to fine and coarse particles and mortality: A multicity time-series study in East Asia. <i>Environmental Pollution</i> , 2015, 207, 43-51.	3.7	106
61	Changes in Susceptibility to Heat During the Summer: A Multicountry Analysis. <i>American Journal of Epidemiology</i> , 2016, 183, 1027-1036.	1.6	106
62	Ambient air pollution and daily hospital admissions for mental disorders in Shanghai, China. <i>Science of the Total Environment</i> , 2018, 613-614, 324-330.	3.9	105
63	Associations between ambient fine particulate air pollution and hypertension: A nationwide cross-sectional study in China. <i>Science of the Total Environment</i> , 2017, 584-585, 869-874.	3.9	104
64	Indoor formaldehyde concentrations in urban China: Preliminary study of some important influencing factors. <i>Science of the Total Environment</i> , 2017, 590-591, 394-405.	3.9	103
65	Communicating air pollution-related health risks to the public: An application of the Air Quality Health Index in Shanghai, China. <i>Environment International</i> , 2013, 51, 168-173.	4.8	102
66	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. <i>BMJ</i> , The, 2021, 372, n534.	3.0	99
67	Fine Particulate Matter Constituents, Nitric Oxide Synthase DNA Methylation and Exhaled Nitric Oxide. <i>Environmental Science & Technology</i> , 2015, 49, 11859-11865.	4.6	96
68	Acute effects of air pollution on asthma hospitalization in Shanghai, China. <i>Environmental Pollution</i> , 2014, 191, 139-144.	3.7	94
69	Traffic-Related Air Pollution Contributes to Development of Facial Lentigines: Further Epidemiological Evidence from Caucasians and Asians. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1053-1056.	0.3	94
70	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> , 2017, 590-591, 281-286.	3.9	93
71	Size-fractionated Particulate Air Pollution and Circulating Biomarkers of Inflammation, Coagulation, and Vasoconstriction in a Panel of Young Adults. <i>Epidemiology</i> , 2015, 26, 328-336.	1.2	90
72	Cardiovascular Benefits of Fish-Oil Supplementation Against Fine Particulate Air Pollution in China. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2076-2085.	1.2	89

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73	Association of ambient air pollution with hospital outpatient and emergency room visits in Shanghai, China. <i>Science of the Total Environment</i> , 2009, 407, 5531-5536.	3.9	88
74	Association of Atmospheric Particulate Matter and Ozone with Gestational Diabetes Mellitus. <i>Environmental Health Perspectives</i> , 2015, 123, 853-859.	2.8	88
75	Revealing the Hidden Health Costs Embodied in Chinese Exports. <i>Environmental Science & Technology</i> , 2015, 49, 4381-4388.	4.6	88
76	The Acute Effects of Fine Particulate Matter Constituents on Blood Inflammation and Coagulation. <i>Environmental Science & Technology</i> , 2017, 51, 8128-8137.	4.6	86
77	Fine particulate matter constituents and stress hormones in the hypothalamusâ€“pituitaryâ€“adrenal axis. <i>Environment International</i> , 2018, 119, 186-192.	4.8	84
78	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. <i>Environmental Health Perspectives</i> , 2019, 127, 97007.	2.8	84
79	Short-term exposure to fine particulate air pollution and genome-wide DNA methylation: A randomized, double-blind, crossover trial. <i>Environment International</i> , 2018, 120, 130-136.	4.8	83
80	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> , 2008, 116, 1463-1468.	2.8	81
81	Acute effects of diurnal temperature range on mortality in 8 Chinese cities. <i>Science of the Total Environment</i> , 2014, 493, 92-97.	3.9	80
82	Acute Effect of Ambient Air Pollution on Stroke Mortality in the China Air Pollution and Health Effects Study. <i>Stroke</i> , 2013, 44, 954-960.	1.0	79
83	DNA hypomethylation and its mediation in the effects of fine particulate air pollution on cardiovascular biomarkers: A randomized crossover trial. <i>Environment International</i> , 2016, 94, 614-619.	4.8	77
84	Temporal association between particulate matter pollution and case fatality rate of COVID-19 in Wuhan. <i>Environmental Research</i> , 2020, 189, 109941.	3.7	77
85	WHO Air Quality Guidelines 2021â€“Aiming for Healthier Air for all: A Joint Statement by Medical, Public Health, Scientific Societies and Patient Representative Organisations. <i>International Journal of Public Health</i> , 2021, 66, 1604465.	1.0	77
86	Personal exposure to fine particulate matter and blood pressure: A role of angiotensin converting enzyme and its DNA methylation. <i>Environment International</i> , 2016, 94, 661-666.	4.8	76
87	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> , 2016, 208, 177-184.	3.7	75
88	Bisphenol A and other environmental risk factors for prostate cancer in Hong Kong. <i>Environment International</i> , 2017, 107, 1-7.	4.8	74
89	Air pollution is associated with the development of atherosclerosis via the cooperation of CD36 and NLRP3 inflammasome in ApoE ^{-/-} mice. <i>Toxicology Letters</i> , 2018, 290, 123-132.	0.4	74
90	A Caseâ€“crossover Analysis of Air Pollution and Daily Mortality in Shanghai. <i>Journal of Occupational Health</i> , 2003, 45, 119-124.	1.0	71

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91	Exposure to particulate air pollution during early pregnancy is associated with placental DNA methylation. <i>Science of the Total Environment</i> , 2017, 607-608, 1103-1108.	3.9	71
92	Ambient air pollution and daily mortality in Anshan, China: A time-stratified case-crossover analysis. <i>Science of the Total Environment</i> , 2010, 408, 6086-6091.	3.9	70
93	Short-term exposure to ambient air pollution and coronary heart disease mortality in 8 Chinese cities. <i>International Journal of Cardiology</i> , 2015, 197, 265-270.	0.8	70
94	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> , 2016, 11, e0152216.	1.1	69
95	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> , 2011, 409, 4923-4928.	3.9	68
96	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> , 2014, 485-486, 396-405.	3.9	68
97	Hourly Air Pollutants and Acute Coronary Syndrome Onset in 1.29 Million Patients. <i>Circulation</i> , 2022, 145, 1749-1760.	1.6	68
98	Comprehensive approach to understand the association between diurnal temperature range and mortality in East Asia. <i>Science of the Total Environment</i> , 2016, 539, 313-321.	3.9	67
99	Associations between birth outcomes and maternal PM2.5 exposure in Shanghai: A comparison of three exposure assessment approaches. <i>Environment International</i> , 2018, 117, 226-236.	4.8	66
100	Estimating PM2.5 concentrations in Northeastern China with full spatiotemporal coverage, 2005-2016. <i>Remote Sensing of Environment</i> , 2021, 253, 112203.	4.6	66
101	An evaluation of public health impact of ambient air pollution under various energy scenarios in Shanghai, China. <i>Atmospheric Environment</i> , 2004, 38, 95-102.	1.9	65
102	Dietary Fiber, Lung Function, and Chronic Obstructive Pulmonary Disease in the Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , 2007, 167, 570-578.	1.6	65
103	Association between fine particulate matter chemical constituents and airway inflammation: A panel study among healthy adults in China. <i>Environmental Research</i> , 2016, 150, 264-268.	3.7	65
104	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> , 2019, 127, 573-583.	4.8	65
105	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> , 2015, 505, 56-64.	3.9	64
106	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> , 2019, 126, 96-106.	4.8	64
107	Acute effect of ambient air pollution on heart failure in Guangzhou, China. <i>International Journal of Cardiology</i> , 2014, 177, 436-441.	0.8	63
108	Health benefits of improving air quality in Taiyuan, China. <i>Environment International</i> , 2014, 73, 235-242.	4.8	63

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109	Temperature and daily mortality in Suzhou, China: A time series analysis. <i>Science of the Total Environment</i> , 2014, 466-467, 985-990.	3.9	63
110	Population ageing and deaths attributable to ambient PM _{2.5} pollution: a global analysis of economic cost. <i>Lancet Planetary Health</i> , The, 2021, 5, e356-e367.	5.1	63
111	Long-term exposure to ozone and cardiovascular mortality in China: a nationwide cohort study. <i>Lancet Planetary Health</i> , The, 2022, 6, e496-e503.	5.1	63
112	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> , 2021, 753, 142272.	3.9	62
113	Long-term exposure to ambient air pollution and mortality in a Chinese tuberculosis cohort. <i>Science of the Total Environment</i> , 2017, 580, 1483-1488.	3.9	61
114	Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. <i>Chemosphere</i> , 2020, 240, 124904.	4.2	61
115	Air pollution and daily mortality in Shanghai: a time-series study. <i>Archives of Environmental Health</i> , 2003, 58, 360-7.	0.4	61
116	Effects of Meteorological Factors on Daily Hospital Admissions for Asthma in Adults: A Time-Series Analysis. <i>PLoS ONE</i> , 2014, 9, e102475.	1.1	60
117	Personal exposure to fine particulate matter, lung function and serum club cell secretory protein (Clara). <i>Environmental Pollution</i> , 2017, 225, 450-455.	3.7	60
118	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> , 2019, 199, 352-361.	2.5	60
119	Exposure to ambient fine particulate matter and semen quality in Taiwan. <i>Occupational and Environmental Medicine</i> , 2018, 75, 148-154.	1.3	58
120	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 & Technology</i> , 2018, 52, 12774-12782.	4.6	56
121	The impact of the 2008 cold spell on mortality in Shanghai, China. <i>International Journal of Biometeorology</i> , 2013, 57, 179-184.	1.3	55
122	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> , 2016, 13, 1106.	1.2	55
123	Impact of short-term exposure to fine particulate matter air pollution on urinary metabolome: A randomized, double-blind, crossover trial. <i>Environment International</i> , 2019, 130, 104878.	4.8	55
124	Fine particular matter and its constituents in air pollution and gestational diabetes mellitus. <i>Environment International</i> , 2020, 142, 105880.	4.8	55
125	Acute Effects of Particulate Air Pollution on the Incidence of Coronary Heart Disease in Shanghai, China. <i>PLoS ONE</i> , 2016, 11, e0151119.	1.1	55
126	Low-carbon energy policy and ambient air pollution in Shanghai, China: A health-based economic assessment. <i>Science of the Total Environment</i> , 2007, 373, 13-21.	3.9	54

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127	Extreme temperatures and out-of-hospital coronary deaths in six large Chinese cities. <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 1119-1124.	2.0	54
128	Long-term variations in the association between ambient temperature and daily cardiovascular mortality in Shanghai, China. <i>Science of the Total Environment</i> , 2015, 538, 524-530.	3.9	54
129	The added effects of heatwaves on cause-specific mortality: A nationwide analysis in 272 Chinese cities. <i>Environment International</i> , 2018, 121, 898-905.	4.8	54
130	Future ozone-related acute excess mortality under climate and population change scenarios in China: A modeling study. <i>PLoS Medicine</i> , 2018, 15, e1002598.	3.9	54
131	The association between short-term ambient air pollution and daily outpatient visits for schizophrenia: A hospital-based study. <i>Environmental Pollution</i> , 2019, 244, 102-108.	3.7	54
132	Relationship between ambient air pollution and daily mortality of SARS in Beijing. <i>Biomedical and Environmental Sciences</i> , 2005, 18, 1-4.	0.2	54
133	Ambient particulate matter air pollution associated with acute respiratory distress syndrome in Guangzhou, China. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 392-399.	1.8	53
134	Nitrogen dioxide air pollution and preterm birth in Shanghai, China. <i>Environmental Research</i> , 2019, 169, 79-85.	3.7	53
135	Acute Stroke Mortality and Air Pollution: New Evidence from Shanghai, China. <i>Journal of Occupational Health</i> , 2003, 45, 321-323.	1.0	52
136	Fine Particulate Constituents and Lung Dysfunction: A Time-Series Panel Study. <i>Environmental Science & Technology</i> , 2017, 51, 1687-1694.	4.6	51
137	Metabolomics analysis of a mouse model for chronic exposure to ambient PM _{2.5} . <i>Environmental Pollution</i> , 2019, 247, 953-963.	3.7	51
138	Possible Mediation by Methylation in Acute Inflammation Following Personal Exposure to Fine Particulate Air Pollution. <i>American Journal of Epidemiology</i> , 2018, 187, 484-493.	1.6	48
139	Evaluation of Maternal Exposure to PM _{2.5} and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. <i>Thyroid</i> , 2019, 29, 1147-1157.	2.4	48
140	High Temperature as a Risk Factor for Infectious Diarrhea in Shanghai, China. <i>Journal of Epidemiology</i> , 2013, 23, 418-423.	1.1	46
141	Traffic-related air pollution is associated with cardio-metabolic biomarkers in general residents. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 911-921.	1.1	46
142	Fine particulate matter constituents and blood pressure in patients with chronic obstructive pulmonary disease: A panel study in Shanghai, China. <i>Environmental Research</i> , 2017, 159, 291-296.	3.7	46
143	Health Effects of Asian Dust: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , 2020, 128, 66001.	2.8	46
144	Ambient air pollution, temperature and out-of-hospital coronary deaths in Shanghai, China. <i>Environmental Pollution</i> , 2015, 203, 116-121.	3.7	45

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145	Ambient nitrogen dioxide pollution and spreadability of COVID-19 in Chinese cities. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111421.	2.9	45
146	The acute effects of fine particulate matter constituents on circulating inflammatory biomarkers in healthy adults. <i>Science of the Total Environment</i> , 2020, 707, 135989.	3.9	44
147	Role of climate goals and clean-air policies on reducing future air pollution deaths in China: a modelling study. <i>Lancet Planetary Health</i> , The, 2022, 6, e92-e99.	5.1	44
148	Urinary phthalate metabolites in relation to childhood asthmatic and allergic symptoms in Shanghai. <i>Environment International</i> , 2018, 121, 276-286.	4.8	43
149	Effects of personal nitrogen dioxide exposure on airway inflammation and lung function. <i>Environmental Research</i> , 2019, 177, 108620.	3.7	43
150	Indoor PM _{2.5} exposure affects skin aging manifestation in a Chinese population. <i>Scientific Reports</i> , 2017, 7, 15329.	1.6	42
151	Prenatal Exposure to Specific PM _{2.5} Chemical Constituents and Preterm Birth in China: A Nationwide Cohort Study. <i>Environmental Science & Technology</i> , 2020, 54, 14494-14501.	4.6	42
152	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality. <i>Scientific Reports</i> , 2022, 12, 5178.	1.6	42
153	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> , 2015, 12, 1834-1848.	1.2	41
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