Hai-dong Kan

List of Publications by Year
in descending order

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375 papers	43,970 citations	7096 78 h-index	2448 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. Lancet, The, 2012, 380, 2224-2260.	13.7	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. Lancet, The, 2017, 389, 1907-1918.	13.7	4,187
3	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. Lancet, The, 2015, 386, 369-375.	13.7	1,676
4	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. Nature, 2020, 582, 557-560.	27.8	1,517
5	An Integrated Risk Function for Estimating the Global Burden of Disease Attributable to Ambient Fine Particulate Matter Exposure. Environmental Health Perspectives, 2014, 122, 397-403.	6.0	1,423
6	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9592-9597.	7.1	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. Lancet, The, 2016, 387, 251-272.	13.7	1,121
8	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. New England Journal of Medicine, 2019, 381, 705-715.	27.0	978
9	Transboundary health impacts of transported global air pollution and international trade. Nature, 2017, 543, 705-709.	27.8	737
10	Respiratory risks from household air pollution in low and middle income countries. Lancet Respiratory Medicine,the, 2014, 2, 823-860.	10.7	670
11	Ambient air pollution, climate change, and population health in China. Environment International, 2012, 42, 10-19.	10.0	609
12	Fine Particulate Air Pollution and Daily Mortality. A Nationwide Analysis in 272 Chinese Cities. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 73-81.	5.6	539
13	Projections of temperature-related excess mortality under climate change scenarios. Lancet Planetary Health, The, 2017, 1, e360-e367.	11.4	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. Environmental Health Perspectives, 2008, 116, 1183-1188.	6.0	486
15	Fine Particulate Matter Constituents and Cardiopulmonary Mortality in a Heavily Polluted Chinese City. Environmental Health Perspectives, 2012, 120, 373-378.	6.0	413
16	The burden of heat-related mortality attributable to recent human-induced climate change. Nature Climate Change, 2021, 11, 492-500.	18.8	400
17	Public Health and Air Pollution in Asia (PAPA): A Multicity Study of Short-Term Effects of Air Pollution on Mortality. Environmental Health Perspectives, 2008, 116, 1195-1202.	6.0	382
18	Particulate Matter Exposure and Stress Hormone Levels. Circulation, 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. Journal of Hazardous Materials, 2011, 186, 1594-1600.	12.4	348
20	Association of Particulate Air Pollution With Daily Mortality: The China Air Pollution and Health Effects Study. American Journal of Epidemiology, 2012, 175, 1173-1181.	3.4	348
21	No association of COVID-19 transmission with temperature or UV radiation in Chinese cities. European Respiratory Journal, 2020, 55, 2000517.	6.7	308
22	Differentiating the effects of fine and coarse particles on daily mortality in Shanghai, China. Environment International, 2007, 33, 376-384.	10.0	302
23	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. Lancet Planetary Health, The, 2021, 5, e415-e425.	11.4	284
24	Ambient Ozone Pollution and Daily Mortality: A Nationwide Study in 272 Chinese Cities. Environmental Health Perspectives, 2017, 125, 117006.	6.0	236
25	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. PLoS Medicine, 2018, 15, e1002629.	8.4	232
26	Association between ambient temperature and mortality risk and burden: time series study in 272 main Chinese cities. BMJ: British Medical Journal, 2018, 363, k4306.	2.3	216
27	Cardiopulmonary Benefits of Reducing Indoor Particles of Outdoor Origin. Journal of the American College of Cardiology, 2015, 65, 2279-2287.	2.8	214
28	Association of particulate matter pollution and case fatality rate of COVID-19 in 49 Chinese cities. Science of the Total Environment, 2020, 741, 140396.	8.0	205
29	Particulate air pollution in urban areas of Shanghai, China: health-based economic assessment. Science of the Total Environment, 2004, 322, 71-79.	8.0	194
30	Diurnal temperature range and daily mortality in Shanghai, China. Environmental Research, 2007, 103, 424-431.	7.5	165
31	Ambient air pollution and hospital admission in Shanghai, China. Journal of Hazardous Materials, 2010, 181, 234-240.	12.4	165
32	Temperature-related mortality in 17 large Chinese cities: How heat and cold affect mortality in China. Environmental Research, 2014, 134, 127-133.	7.5	161
33	Exposures and health outcomes from outdoor air pollutants in China. Toxicology, 2004, 198, 291-300.	4.2	157
34	Short-term exposure to sulfur dioxide and daily mortality in 17 Chinese cities: The China air pollution and health effects study (CAPES). Environmental Research, 2012, 118, 101-106.	7.5	157
35	VOC characteristics and inhalation health risks in newly renovated residences in Shanghai, China. Science of the Total Environment, 2017, 577, 73-83.	8.0	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). Environment International, 2012, 45, 32-38.	10.0	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. Environment International, 2016, 92-93, 416-421.	10.0	142
38	Associations between Coarse Particulate Matter Air Pollution and Cause-Specific Mortality: A Nationwide Analysis in 272 Chinese Cities. Environmental Health Perspectives, 2019, 127, 17008.	6.0	141
39	Particulate air pollution and mortality in a cohort of Chinese men. Environmental Pollution, 2014, 186, 1-6.	7.5	139
40	Ozone and Daily Mortality in Shanghai, China. Environmental Health Perspectives, 2006, 114, 1227-1232.	6.0	133
41	Long-term trend and spatial pattern of PM2.5 induced premature mortality in China. Environment International, 2016, 97, 180-186.	10.0	133
42	Alternative ozone metrics and daily mortality in Suzhou: The China Air Pollution and Health Effects Study (CAPES). Science of the Total Environment, 2012, 426, 83-89.	8.0	131
43	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. International Journal of Epidemiology, 2019, 48, 1101-1112.	1.9	131
44	Fine Particulate Air Pollution and the Expression of microRNAs and Circulating Cytokines Relevant to Inflammation, Coagulation, and Vasoconstriction. Environmental Health Perspectives, 2018, 126, 017007.	6.0	130
45	Size-Fractionated Particle Number Concentrations and Daily Mortality in a Chinese City. Environmental Health Perspectives, 2013, 121, 1174-1178.	6.0	124
46	Short-term association between sulfur dioxide and daily mortality: The Public Health and Air Pollution in Asia (PAPA) study. Environmental Research, 2010, 110, 258-264.	7.5	117
47	PM_{2.5} Constituents and Hospital Emergency-Room Visits in Shanghai, China. Environmental Science & Technology, 2014, 48, 10406-10414.	10.0	117
48	Both low and high temperature may increase the risk of stroke mortality. Neurology, 2013, 81, 1064-1070.	1.1	116
49	Ambient carbon monoxide and cardiovascular mortality: a nationwide time-series analysis in 272 cities in China. Lancet Planetary Health, The, 2018, 2, e12-e18.	11.4	116
50	Associations Between Ambient Nitrogen Dioxide and Daily Cause-specific Mortality. Epidemiology, 2018, 29, 482-489.	2.7	114
51	The biological effects of individual-level PM_{2.5}exposure on systemic immunity and inflammatory response in traffic policemen. Occupational and Environmental Medicine, 2013, 70, 426-431.	2.8	113
52	A land use regression model for estimating the NO2 concentration in shanghai, China. Environmental Research, 2015, 137, 308-315.	7.5	113
53	Exposure to concentrated ambient PM2.5 alters the composition of gut microbiota in a murine model. Particle and Fibre Toxicology, 2018, 15, 17.	6.2	112
54	The effects of PM2.5 on asthmatic and allergic diseases or symptoms in preschool children of six Chinese cities, based on China, Children, Homes and Health (CCHH) project. Environmental Pollution, 2018, 232, 329-337.	7.5	110

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55	Mortality risk attributable to wildfire-related PM2Â·5 pollution: a global time series study in 749 locations. Lancet Planetary Health, The, 2021, 5, e579-e587.	11.4	109
56	The associations between ambient air pollution and adult respiratory mortality in 32 major Chinese cities, 2006â€“2010. Environmental Research, 2015, 137, 278-286.	7.5	107
57	Associations between short-term exposure to ambient sulfur dioxide and increased cause-specific mortality in 272 Chinese cities. Environment International, 2018, 117, 33-39.	10.0	107
58	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. Climatic Change, 2018, 150, 391-402.	3.6	107
59	Traffic exposure and lung function in adults: the Atherosclerosis Risk in Communities study. Thorax, 2007, 62, 873-879.	5.6	106
60	Short-term exposure to fine and coarse particles and mortality: AÂmulticity time-series study in East Asia. Environmental Pollution, 2015, 207, 43-51.	7.5	106
61	Changes in Susceptibility to Heat During the Summer: A Multicountry Analysis. American Journal of Epidemiology, 2016, 183, 1027-1036.	3.4	106
62	Ambient air pollution and daily hospital admissions for mental disorders in Shanghai, China. Science of the Total Environment, 2018, 613-614, 324-330.	8.0	105
63	Associations between ambient fine particulate air pollution and hypertension: A nationwide cross-sectional study in China. Science of the Total Environment, 2017, 584-585, 869-874.	8.0	104
64	Indoor formaldehyde concentrations in urban China: Preliminary study of some important influencing factors. Science of the Total Environment, 2017, 590-591, 394-405.	8.0	103
65	Communicating air pollution-related health risks to the public: An application of the Air Quality Health Index in Shanghai, China. Environment International, 2013, 51, 168-173.	10.0	102
66	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. BMJ, The, 2021, 372, n534.	6.0	99
67	Fine Particulate Matter Constituents, Nitric Oxide Synthase DNA Methylation and Exhaled Nitric Oxide. Environmental Science & Technology, 2015, 49, 11859-11865.	10.0	96
68	Acute effects of air pollution on asthma hospitalization in Shanghai, China. Environmental Pollution, 2014, 191, 139-144.	7.5	94
69	Traffic-Related Air Pollution Contributes to Development of Facial Lentigines: Further Epidemiological Evidence from Caucasians and Asians. Journal of Investigative Dermatology, 2016, 136, 1053-1056.	0.7	94
70	Effects of ambient temperature on daily hospital admissions for mental disorders in Shanghai, China: A time-series analysis. Science of the Total Environment, 2017, 590-591, 281-286.	8.0	93
71	Size-fractionated Particulate Air Pollution and Circulating Biomarkers of Inflammation, Coagulation, and Vasoconstriction in a Panel of Young Adults. Epidemiology, 2015, 26, 328-336.	2.7	90
72	Cardiovascular Benefits of Fish-Oil Supplementation Against Fine Particulate Air Pollution in China. Journal of the American College of Cardiology, 2019, 73, 2076-2085.	2.8	89

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73	Association of ambient air pollution with hospital outpatient and emergency room visits in Shanghai, China. Science of the Total Environment, 2009, 407, 5531-5536.	8.0	88
74	Association of Atmospheric Particulate Matter and Ozone with Gestational Diabetes Mellitus. Environmental Health Perspectives, 2015, 123, 853-859.	6.0	88
75	Revealing the Hidden Health Costs Embodied in Chinese Exports. Environmental Science & Technology, 2015, 49, 4381-4388.	10.0	88
76	The Acute Effects of Fine Particulate Matter Constituents on Blood Inflammation and Coagulation. Environmental Science & Technology, 2017, 51, 8128-8137.	10.0	86
77	Fine particulate matter constituents and stress hormones in the hypothalamusâ€“pituitaryâ€“adrenal axis. Environment International, 2018, 119, 186-192.	10.0	84
78	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. Environmental Health Perspectives, 2019, 127, 97007.	6.0	84
79	Short-term exposure to fine particulate air pollution and genome-wide DNA methylation: A randomized, double-blind, crossover trial. Environment International, 2018, 120, 130-136.	10.0	83
80	Prospective Analysis of Traffic Exposure as a Risk Factor for Incident Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study. Environmental Health Perspectives, 2008, 116, 1463-1468.	6.0	81
81	Acute effects of diurnal temperature range on mortality in 8 Chinese cities. Science of the Total Environment, 2014, 493, 92-97.	8.0	80
82	Acute Effect of Ambient Air Pollution on Stroke Mortality in the China Air Pollution and Health Effects Study. Stroke, 2013, 44, 954-960.	2.0	79
83	DNA hypomethylation and its mediation in the effects of fine particulate air pollution on cardiovascular biomarkers: A randomized crossover trial. Environment International, 2016, 94, 614-619.	10.0	77
84	Temporal association between particulate matter pollution and case fatality rate of COVID-19 in Wuhan. Environmental Research, 2020, 189, 109941.	7.5	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. International Journal of Public Health, 2021, 66, 1604465.	2.3	77
86	Personal exposure to fine particulate matter and blood pressure: A role of angiotensin converting enzyme and its DNA methylation. Environment International, 2016, 94, 661-666.	10.0	76
87	Estimating ground-level PM 10 in a Chinese city by combining satellite data, meteorological information and a land use regression model. Environmental Pollution, 2016, 208, 177-184.	7.5	75
88	Bisphenol A and other environmental risk factors for prostate cancer in Hong Kong. Environment International, 2017, 107, 1-7.	10.0	74
89	Air pollution is associated with the development of atherosclerosis via the cooperation of CD36 and NLRP3 inflammasome in ApoE -/- mice. Toxicology Letters, 2018, 290, 123-132.	0.8	74
90	A Caseâ€crossover Analysis of Air Pollution and Daily Mortality in Shanghai. Journal of Occupational Health, 2003, 45, 119-124.	2.1	71

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91	Exposure to particulate air pollution during early pregnancy is associated with placental DNA methylation. Science of the Total Environment, 2017, 607-608, 1103-1108.	8.0	71
92	Ambient air pollution and daily mortality in Anshan, China: A time-stratified case-crossover analysis. Science of the Total Environment, 2010, 408, 6086-6091.	8.0	70
93	Short-term exposure to ambient air pollution and coronary heart disease mortality in 8 Chinese cities. International Journal of Cardiology, 2015, 197, 265-270.	1.7	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. PLoS ONE, 2016, 11, e0152216.	2.5	69
95	Ambient carbon monoxide and daily mortality in three Chinese cities: The China Air Pollution and Health Effects Study (CAPES). Science of the Total Environment, 2011, 409, 4923-4928.	8.0	68
96	Public health benefits of reducing air pollution in Shanghai: A proof-of-concept methodology with application to BenMAP. Science of the Total Environment, 2014, 485-486, 396-405.	8.0	68
97	Hourly Air Pollutants and Acute Coronary Syndrome Onset in 1.29 Million Patients. Circulation, 2022, 145, 1749-1760.	1.6	68
98	Comprehensive approach to understand the association between diurnal temperature range and mortality in East Asia. Science of the Total Environment, 2016, 539, 313-321.	8.0	67
99	Associations between birth outcomes and maternal PM2.5 exposure in Shanghai: A comparison of three exposure assessment approaches. Environment International, 2018, 117, 226-236.	10.0	66
100	Estimating PM2.5 concentrations in Northeastern China with full spatiotemporal coverage, 2005â€“2016. Remote Sensing of Environment, 2021, 253, 112203.	11.0	66
101	An evaluation of public health impact of ambient air pollution under various energy scenarios in Shanghai, China. Atmospheric Environment, 2004, 38, 95-102.	4.1	65
102	Dietary Fiber, Lung Function, and Chronic Obstructive Pulmonary Disease in the Atherosclerosis Risk in Communities Study. American Journal of Epidemiology, 2007, 167, 570-578.	3.4	65
103	Association between fine particulate matter chemical constituents and airway inflammation: A panel study among healthy adults in China. Environmental Research, 2016, 150, 264-268.	7.5	65
104	Exploring the mechanisms of heat wave vulnerability at the urban scale based on the application of big data and artificial societies. Environment International, 2019, 127, 573-583.	10.0	65
105	Associations between exposure to polycyclic aromatic hydrocarbons and glucose homeostasis as well as metabolic syndrome in nondiabetic adults. Science of the Total Environment, 2015, 505, 56-64.	8.0	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. Environment International, 2019, 126, 96-106.	10.0	64
107	Acute effect of ambient air pollution on heart failure in Guangzhou, China. International Journal of Cardiology, 2014, 177, 436-441.	1.7	63
108	Health benefits of improving air quality in Taiyuan, China. Environment International, 2014, 73, 235-242.	10.0	63

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109	Temperature and daily mortality in Suzhou, China: A time series analysis. Science of the Total Environment, 2014, 466-467, 985-990.	8.0	63
110	Population ageing and deaths attributable to ambient PM2Â·5 pollution: a global analysis of economic cost. Lancet Planetary Health, The, 2021, 5, e356-e367.	11.4	63
111	Long-term exposure to ozone and cardiovascular mortality in China: a nationwide cohort study. Lancet Planetary Health, The, 2022, 6, e496-e503.	11.4	63
112	Warmer weather unlikely to reduce the COVID-19 transmission: An ecological study in 202 locations in 8 countries. Science of the Total Environment, 2021, 753, 142272.	8.0	62
113	Long-term exposure to ambient air pollution and mortality in a Chinese tuberculosis cohort. Science of the Total Environment, 2017, 580, 1483-1488.	8.0	61
114	Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. Chemosphere, 2020, 240, 124904.	8.2	61
115	Air pollution and daily mortality in Shanghai: a time-series study. Archives of Environmental Health, 2003, 58, 360-7.	0.4	61
116	Effects of Meteorological Factors on Daily Hospital Admissions for Asthma in Adults: A Time-Series Analysis. PLoS ONE, 2014, 9, e102475.	2.5	60
117	Personal exposure to fine particulate matter, lung function and serum club cell secretory protein (Clara). Environmental Pollution, 2017, 225, 450-455.	7.5	60
118	Solid Fuel Use and Risks of Respiratory Diseases. A Cohort Study of 280,000 Chinese Never-Smokers. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 352-361.	5.6	60
119	Exposure to ambient fine particulate matter and semen quality in Taiwan. Occupational and Environmental Medicine, 2018, 75, 148-154.	2.8	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. Environmental Science & Technology, 2018, 52, 12774-12782.	10.0	56
121	The impact of the 2008 cold spell on mortality in Shanghai, China. International Journal of Biometeorology, 2013, 57, 179-184.	3.0	55
122	Ambient Air Pollution, Meteorological Factors and Outpatient Visits for Eczema in Shanghai, China: A Time-Series Analysis. International Journal of Environmental Research and Public Health, 2016, 13, 1106.	2.6	55
123	Impact of short-term exposure to fine particulate matter air pollution on urinary metabolome: A randomized, double-blind, crossover trial. Environment International, 2019, 130, 104878.	10.0	55
124	Fine particular matter and its constituents in air pollution and gestational diabetes mellitus. Environment International, 2020, 142, 105880.	10.0	55
125	Acute Effects of Particulate Air Pollution on the Incidence of Coronary Heart Disease in Shanghai, China. PLoS ONE, 2016, 11, e0151119.	2.5	55
126	Low-carbon energy policy and ambient air pollution in Shanghai, China: A health-based economic assessment. Science of the Total Environment, 2007, 373, 13-21.	8.0	54

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127	Extreme temperatures and out-of-hospital coronary deaths in six large Chinese cities. Journal of Epidemiology and Community Health, 2014, 68, 1119-1124.	3.7	54
128	Long-term variations in the association between ambient temperature and daily cardiovascular mortality in Shanghai, China. Science of the Total Environment, 2015, 538, 524-530.	8.0	54
129	The added effects of heatwaves on cause-specific mortality: A nationwide analysis in 272 Chinese cities. Environment International, 2018, 121, 898-905.	10.0	54
130	Future ozone-related acute excess mortality under climate and population change scenarios in China: A modeling study. PLoS Medicine, 2018, 15, e1002598.	8.4	54
131	The association between short-term ambient air pollution and daily outpatient visits for schizophrenia: A hospital-based study. Environmental Pollution, 2019, 244, 102-108.	7.5	54
132	Relationship between ambient air pollution and daily mortality of SARS in Beijing. Biomedical and Environmental Sciences, 2005, 18, 1-4.	0.2	54
133	Ambient particulate matter air pollution associated with acute respiratory distress syndrome in Guangzhou, China. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 392-399.	3.9	53
134	Nitrogen dioxide air pollution and preterm birth in Shanghai, China. Environmental Research, 2019, 169, 79-85.	7.5	53
135	Acute Stroke Mortality and Air Pollution: New Evidence from Shanghai, China. Journal of Occupational Health, 2003, 45, 321-323.	2.1	52
136	Fine Particulate Constituents and Lung Dysfunction: A Time-Series Panel Study. Environmental Science & Technology, 2017, 51, 1687-1694.	10.0	51
137	Metabolomics analysis of a mouse model for chronic exposure to ambient PM2.5. Environmental Pollution, 2019, 247, 953-963.	7.5	51
138	Possible Mediation by Methylation in Acute Inflammation Following Personal Exposure to Fine Particulate Air Pollution. American Journal of Epidemiology, 2018, 187, 484-493.	3.4	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. Thyroid, 2019, 29, 1147-1157.	4.5	48
140	High Temperature as a Risk Factor for Infectious Diarrhea in Shanghai, China. Journal of Epidemiology, 2013, 23, 418-423.	2.4	46
141	Traffic-related air pollution is associated with cardio-metabolic biomarkers in general residents. International Archives of Occupational and Environmental Health, 2016, 89, 911-921.	2.3	46
142	Fine particulate matter constituents and blood pressure in patients with chronic obstructive pulmonary disease: A panel study in Shanghai, China. Environmental Research, 2017, 159, 291-296.	7.5	46
143	Health Effects of Asian Dust: A Systematic Review and Meta-Analysis. Environmental Health Perspectives, 2020, 128, 66001.	6.0	46
144	Ambient air pollution, temperature and out-of-hospital coronary deaths in Shanghai, China. Environmental Pollution, 2015, 203, 116-121.	7.5	45

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145	Ambient nitrogen dioxide pollution and spreadability of COVID-19 in Chinese cities. Ecotoxicology and Environmental Safety, 2021, 208, 111421.	6.0	45
146	The acute effects of fine particulate matter constituents on circulating inflammatory biomarkers in healthy adults. Science of the Total Environment, 2020, 707, 135989.	8.0	44
147	Role of climate goals and clean-air policies on reducing future air pollution deaths in China: a modelling study. Lancet Planetary Health, The, 2022, 6, e92-e99.	11.4	44
148	Urinary phthalate metabolites in relation to childhood asthmatic and allergic symptoms in Shanghai. Environment International, 2018, 121, 276-286.	10.0	43
149	Effects of personal nitrogen dioxide exposure on airway inflammation and lung function. Environmental Research, 2019, 177, 108620.	7.5	43
150	Indoor PM2.5 exposure affects skin aging manifestation in a Chinese population. Scientific Reports, 2017, 7, 15329.	3.3	42
151	Prenatal Exposure to Specific PM_{2.5} Chemical Constituents and Preterm Birth in China: A Nationwide Cohort Study. Environmental Science & Technology, 2020, 54, 14494-14501.	10.0	42
152	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality. Scientific Reports, 2022, 12, 5178.	3.3	42
153	Knowledge, Attitudes, and Practices (KAP) of the Relationship between Air Pollution and Childrenâ€™s Respiratory Health in Shanghai, China. International Journal of Environmental Research and Public Health, 2015, 12, 1834-1848.	2.6	41
154	The association between long-term fine particulate air pollution and life expectancy in China, 2013 to 2017. Science of the Total Environment, 2020, 712, 136507.	8.0	41
155	Projection of ship emissions and their impact on air quality in 2030 in Yangtze River delta, China. Environmental Pollution, 2020, 263, 114643.	7.5	41
156	Estimation of residential fine particulate matter infiltration in Shanghai, China. Environmental Pollution, 2018, 233, 494-500.	7.5	40
157	Fine particulate matter-induced cardiovascular injury is associated with NLRP3 inflammasome activation in Apo E-/- mice. Ecotoxicology and Environmental Safety, 2019, 174, 92-99.	6.0	40
158	Association between ambient particulate matter air pollution and ST-elevation myocardial infarction: A case-crossover study in a Chinese city. Chemosphere, 2019, 219, 724-729.	8.2	40
159	Air pollution and fasting blood glucose: A longitudinal study in China. Science of the Total Environment, 2016, 541, 750-755.	8.0	38
160	Validation of a light-scattering PM2.5 sensor monitor based on the long-term gravimetric measurements in field tests. PLoS ONE, 2017, 12, e0185700.	2.5	38
161	Demographic Differences in Sun Protection Beliefs and Behavior: A Community-Based Study in Shanghai, China. International Journal of Environmental Research and Public Health, 2015, 12, 3232-3245.	2.6	37
162	Personal Fine Particulate Matter Constituents, Increased Systemic Inflammation, and the Role of DNA Hypomethylation. Environmental Science & Technology, 2019, 53, 9837-9844.	10.0	37

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163	Ambient PM2.5 and its chemical constituents on lifetime-ever pneumonia in Chinese children: A multi-center study. Environment International, 2021, 146, 106176.	10.0	37
164	Associations of fine particulate matter and its constituents with airway inflammation, lung function, and buccal mucosa microbiota in children. Science of the Total Environment, 2021, 773, 145619.	8.0	37
165	Health effects of exposure to indoor volatile organic compounds from 1980 to 2017: A systematic review and metaâ€analysis. Indoor Air, 2022, 32, .	4.3	37
166	Air Pollution and Health Studies in Chinaâ€"Policy Implications. Journal of the Air and Waste Management Association, 2011, 61, 1292-1299.	1.9	36
167	Estimation of personal PM2.5 and BC exposure by a modeling approach â€“ Results of a panel study in Shanghai, China. Environment International, 2018, 118, 194-202.	10.0	36
168	Indoor exposure levels of bacteria and fungi in residences, schools, and offices in China: A systematic review. Indoor Air, 2020, 30, 1147-1165.	4.3	36
169	Particulate air pollution and circulating biomarkers among type 2 diabetic mellitus patients: the roles of particle size and time windows of exposure. Environmental Research, 2015, 140, 112-118.	7.5	35
170	The association between ambient temperature and out-of-hospital cardiac arrest in Guangzhou, China. Science of the Total Environment, 2016, 572, 114-118.	8.0	35
171	The Impact of Ambient Air Pollution on Daily Hospital Visits for Various Respiratory Diseases and the Relevant Medical Expenditures in Shanghai, China. International Journal of Environmental Research and Public Health, 2018, 15, 425.	2.6	35
172	Personal Ozone Exposure and Respiratory Inflammatory Response: The Role of DNA Methylation in the Arginaseâ€“Nitric Oxide Synthase Pathway. Environmental Science & Technology, 2018, 52, 8785-8791.	10.0	35
173	Association of fine particulate matter on acute exacerbation of chronic obstructive pulmonary disease in Yancheng, China. Science of the Total Environment, 2019, 650, 1665-1670.	8.0	35
174	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. Lancet Planetary Health, The, 2021, 5, e191-e199.	11.4	35
175	Association of fine particulate matter air pollution and its constituents with lung function: The China Pulmonary Health study. Environment International, 2021, 156, 106707.	10.0	35
176	Impact of ozone exposure on heart rate variability and stress hormones: A randomized-crossover study. Journal of Hazardous Materials, 2022, 421, 126750.	12.4	35
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