

# Hai-dong Kan

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Fine particulate matter and cardiorespiratory health in China: A systematic review and meta-analysis of epidemiological studies. <i>Journal of Environmental Sciences</i> , 2023, 123, 306-316.	6.1	14
2	The Establishment of a New Air Health Index Integrating the Mortality Risks Due to Ambient Air Pollution and Non-Optimum Temperature. <i>Engineering</i> , 2022, 14, 156-162.	6.7	8
3	Seasonal variation in mortality and the role of temperature: a multi-country multi-city study. <i>International Journal of Epidemiology</i> , 2022, 51, 122-133.	1.9	20
4	Dynamic molecular choreography induced by traffic exposure: A randomized, crossover trial using multi-omics profiling. <i>Journal of Hazardous Materials</i> , 2022, 424, 127359.	12.4	16
5	Impact of ozone exposure on heart rate variability and stress hormones: A randomized-crossover study. <i>Journal of Hazardous Materials</i> , 2022, 421, 126750.	12.4	35
6	Composition of fine particulate matter and risk of preterm birth: A nationwide birth cohort study in 336 Chinese cities. <i>Journal of Hazardous Materials</i> , 2022, 425, 127645.	12.4	18
7	Hourly concentrations of fine and coarse particulate matter and dynamic pulmonary function measurements among 4992 adult asthmatic patients in 25 Chinese cities. <i>Environment International</i> , 2022, 158, 106942.	10.0	8
8	Investigating the impact of air pollution on AMI and COPD hospital admissions in the coastal city of Qingdao, China. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	3
9	High spatial resolution land-use regression model for urban ultrafine particle exposure assessment in Shanghai, China. <i>Science of the Total Environment</i> , 2022, 816, 151633.	8.0	8
10	Cold temperature and sudden temperature drop as novel risk factors of asthma exacerbation: a longitudinal study in 18 Chinese cities. <i>Science of the Total Environment</i> , 2022, 814, 151959.	8.0	20
11	Temporal variations of short-term associations between PM10 and NO2 concentrations and emergency department visits in Shanghai, China 2008â€“2019. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113087.	6.0	6
12	Fine particulate matter air pollution and under-5 children mortality in China: A national time-stratified case-crossover study. <i>Environment International</i> , 2022, 159, 107022.	10.0	24
13	Concentrated ambient fine particles exposure affects ovarian follicle development in mice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113178.	6.0	7
14	Maternal exposure to fine particulate matter and preterm birth and low birth weight in Africa. <i>Environment International</i> , 2022, 160, 107053.	10.0	12
15	Effects of prenatal exposures to air sulfur dioxide/nitrogen dioxide on toddler neurodevelopment and effect modification by ambient temperature. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113118.	6.0	5
16	Improved air quality and reduced burden of preterm birth in China: 2013â€“2017. <i>Science Bulletin</i> , 2022, , .	9.0	0
17	Personal ozone exposure and stress hormones in the hypothalamusâ€“pituitaryâ€“adrenal and sympathetic-adrenal-medullary axes. <i>Environment International</i> , 2022, 159, 107050.	10.0	9
18	Residential greenness is associated with disease severity among COVID-19 patients aged over 45 years in Wuhan, China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113245.	6.0	4

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19	Differential associations of particle size ranges and constituents with stroke emergency-room visits in Shanghai, China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113237.	6.0	4
20	Application of land use regression to map environmental noise in Shanghai, China. <i>Environment International</i> , 2022, 161, 107111.	10.0	7
21	Evaluating the spatiotemporal ozone characteristics with high-resolution predictions in mainland China, 2013–2019. <i>Environmental Pollution</i> , 2022, 299, 118865.	7.5	33
22	Ozone exposure and prothrombosis: Mechanistic insights from a randomized controlled exposure trial. <i>Journal of Hazardous Materials</i> , 2022, 429, 128322.	12.4	9
23	Nonlinear effect of air pollution on adult pneumonia hospital visits in the coastal city of Qingdao, China: A time-series analysis. <i>Environmental Research</i> , 2022, 209, 112754.	7.5	13
24	From concept to action: a united, holistic and One Health approach to respond to the climate change crisis. <i>Infectious Diseases of Poverty</i> , 2022, 11, 17.	3.7	18
25	World Health Organization air quality guidelines 2021: implication for air pollution control and climate goal in China. <i>Chinese Medical Journal</i> , 2022, 135, 513-515.	2.3	9
26	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.	11.4	44
27	Associations of PM <sub>2.5</sub> exposure with blood glucose impairment in early pregnancy and gestational diabetes mellitus. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113278.	6.0	16
28	City-level greenness exposure is associated with COVID-19 incidence in China. <i>Environmental Research</i> , 2022, 209, 112871.	7.5	13
29	Associations of residential greenness with lung function and chronic obstructive pulmonary disease in China. <i>Environmental Research</i> , 2022, 209, 112877.	7.5	12
30	Association between Cold Spells and Mortality Risk and Burden: A Nationwide Study in China. <i>Environmental Health Perspectives</i> , 2022, 130, 27006.	6.0	33
31	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality. <i>Scientific Reports</i> , 2022, 12, 5178.	3.3	42
32	Fluctuating temperature modifies heat-mortality association around the globe. <i>Innovation(China)</i> , 2022, 3, 100225.	9.1	7
33	New WHO global air quality guidelines help prevent premature deaths in China. <i>National Science Review</i> , 2022, 9, nwac055.	9.5	13
34	A Random Forest Model for Daily PM <sub>2.5</sub> Personal Exposure Assessment for a Chinese Cohort. <i>Environmental Science and Technology Letters</i> , 2022, 9, 466-472.	8.7	8
35	Associations of long-term exposure to fine particulate matter and its constituents with cardiovascular mortality: A prospective cohort study in China. <i>Environment International</i> , 2022, 162, 107156.	10.0	30
36	Effects of greenness on preterm birth: A national longitudinal study of 3.7 million singleton births. <i>Innovation(China)</i> , 2022, 3, 100241.	9.1	5

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37	Association of ambient PM1 with hospital admission and recurrence of stroke in China. <i>Science of the Total Environment</i> , 2022, 828, 154131.	8.0	14
38	Associations of Short-Term Exposure to Fine Particulate Matter with Neural Damage Biomarkers: A Panel Study of Healthy Retired Adults. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7203-7213.	10.0	15
39	Differential Mortality Risks Associated With PM2.5 Components. <i>Epidemiology</i> , 2022, 33, 167-175.	2.7	26
40	Ozone exposure and blood transcriptome: A randomized, controlled, crossover trial among healthy adults. <i>Environment International</i> , 2022, 163, 107242.	10.0	7
41	Maternal exposure to ambient PM2.5 causes fetal growth restriction via the inhibition of spiral artery remodeling in mice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 237, 113512.	6.0	8
42	Hourly Air Pollutants and Acute Coronary Syndrome Onset in 1.29 Million Patients. <i>Circulation</i> , 2022, 145, 1749-1760.	1.6	68
43	Indoor exposure to phthalates and its burden of disease in China. <i>Indoor Air</i> , 2022, 32, e13030.	4.3	20
44	Progression of severity in coronavirus disease 2019 patients before treatment and a self-assessment scale to predict disease severity. <i>BMC Infectious Diseases</i> , 2022, 22, 409.	2.9	3
45	Global, regional, and national burden of mortality associated with short-term temperature variability from 2000 to 2019: a three-stage modelling study. <i>Lancet Planetary Health</i> , The, 2022, 6, e410-e421.	11.4	27
46	Toward Better and Healthier Air Quality: Implementation of WHO 2021 Global Air Quality Guidelines in Asia. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E1696-E1703.	3.3	21
47	Air pollution, residential greenness, and metabolic dysfunction biomarkers: analyses in the Chinese Longitudinal Healthy Longevity Survey. <i>BMC Public Health</i> , 2022, 22, 885.	2.9	10
48	Non-optimum ambient temperature may decrease pulmonary function: A longitudinal study with intensively repeated measurements among asthmatic adult patients in 25 Chinese cities. <i>Environment International</i> , 2022, 164, 107283.	10.0	7
49	Cardiovascular effects of traffic-related air pollution: A multi-omics analysis from a randomized, crossover trial. <i>Journal of Hazardous Materials</i> , 2022, 435, 129031.	12.4	17
50	Maternal exposure to PM2.5/BC during pregnancy predisposes children to allergic rhinitis which varies by regions and exclusive breastfeeding. <i>Environment International</i> , 2022, 165, 107315.	10.0	7
51	Associations of Ambient Fine Particulate Matter and Its Chemical Constituents with Birth Weight for Gestational Age in China: A Nationwide Survey. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8406-8415.	10.0	8
52	Health effects of exposure to indoor volatile organic compounds from 1980 to 2017: A systematic review and meta-analysis. <i>Indoor Air</i> , 2022, 32, .	4.3	37
53	Long-term exposure to ozone and cardiovascular mortality in China: a nationwide cohort study. <i>Lancet Planetary Health</i> , The, 2022, 6, e496-e503.	11.4	63
54	Non-optimum temperature increases risk and burden of acute myocardial infarction onset: A nationwide case-crossover study at hourly level in 324 Chinese cities. <i>EClinicalMedicine</i> , 2022, 50, 101501.	7.1	25

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55	The inequality labor loss risk from future urban warming and adaptation strategies. <i>Nature Communications</i> , 2022, 13, .	12.8	15
56	Protective effects of dietary fish oil supplementation on skin inflammatory and oxidative stress biomarkers induced by fine particulate air pollution: a pilot randomized, double-blind, placebo-controlled trial*. <i>British Journal of Dermatology</i> , 2021, 184, 261-269.	1.5	12
57	Hypothalamic-pituitary-adrenal axis mediates ambient PM <sub>2.5</sub> exposure-induced pulmonary inflammation. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111464.	6.0	12
58	Ambient nitrogen dioxide pollution and spreadability of COVID-19 in Chinese cities. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111421.	6.0	45
59	Estimating PM <sub>2.5</sub> concentrations in Northeastern China with full spatiotemporal coverage, 2005–2016. <i>Remote Sensing of Environment</i> , 2021, 253, 112203.	11.0	66
60	Ambient PM <sub>2.5</sub> and its chemical constituents on lifetime-ever pneumonia in Chinese children: A multi-center study. <i>Environment International</i> , 2021, 146, 106176.	10.0	37
61	Diverse bacterial populations of PM <sub>2.5</sub> in urban and suburb Shanghai, China. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	12
62	Temperature changes between neighboring days and childhood asthma: a seasonal analysis in Shanghai, China. <i>International Journal of Biometeorology</i> , 2021, 65, 827-836.	3.0	19
63	Fine particulate matter constituents and sub-clinical outcomes of cardiovascular diseases: A multi-center study in China. <i>Science of the Total Environment</i> , 2021, 759, 143555.	8.0	27
64	Regional and seasonal variations in household and personal exposures to air pollution in one urban and two rural Chinese communities: A pilot study to collect time-resolved data using static and wearable devices. <i>Environment International</i> , 2021, 146, 106217.	10.0	22
65	Associations of long-term exposure to ambient nitrogen dioxide with indicators of diabetes and dyslipidemia in China: A nationwide analysis. <i>Chemosphere</i> , 2021, 269, 128724.	8.2	25
66	Association between fine particulate matter and heart failure hospitalizations: a time-series analysis in Yancheng, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26906-26912.	5.3	7
67	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> , 2021, 13, 397.	4.0	6
68	Climate Change, Weather Conditions, and Population Health. <i>China CDC Weekly</i> , 2021, 3, 483-484.	2.3	0
69	Impact of solar ultraviolet radiation on daily outpatient visits of atopic dermatitis in Shanghai, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18081-18088.	5.3	0
70	Associations between total mortality and personal exposure to outdoor-originated NO <sub>2</sub> in 271 Chinese cities. <i>Atmospheric Environment</i> , 2021, 246, 118170.	4.1	8
71	Parental PM <sub>2.5</sub> exposure changes Th17/Treg cells in offspring, is associated with the elevation of blood pressure. <i>Environmental Toxicology</i> , 2021, 36, 1152-1161.	4.0	8
72	Exposure to ultrafine particles and oral flora, respiratory function, and biomarkers of inflammation: A panel study in children. <i>Environmental Pollution</i> , 2021, 273, 116489.	7.5	18

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73	On-field test and data calibration of a low-cost sensor for fine particles exposure assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111958.	6.0	24
74	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. <i>BMJ, The</i> , 2021, 372, n534.	6.0	99
75	The acute effects of temperature variability on heart rate variability: A repeated-measure study. <i>Environmental Research</i> , 2021, 194, 110655.	7.5	24
76	Exposure to different fractions of diesel exhaust PM <sub>2.5</sub> induces different levels of pulmonary inflammation and acute phase response. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111871.	6.0	14
77	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. <i>Lancet Planetary Health, The</i> , 2021, 5, e191-e199.	11.4	35
78	The Acute Effect of Diesel Exhaust Particles and Different Fractions Exposure on Blood Coagulation Function in Mice. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4136.	2.6	1
79	Paternal Exposure to PM <sub>2.5</sub> Programs Offspring's Energy Homeostasis. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6097-6106.	10.0	10
80	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , 2021, 11, 492-500.	18.8	400
81	Ozone inhalation induces exacerbation of eosinophilic airway inflammation and Th2-skew immune response in a rat model of AR. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111261.	5.6	9
82	Acute effects of fine particulate matter constituents on cardiopulmonary function in a panel of COPD patients. <i>Science of the Total Environment</i> , 2021, 770, 144753.	8.0	21
83	Population ageing and deaths attributable to ambient PM <sub>2.5</sub> pollution: a global analysis of economic cost. <i>Lancet Planetary Health, The</i> , 2021, 5, e356-e367.	11.4	63
84	Ultrafine particulate air pollution and pediatric emergency-department visits for main respiratory diseases in Shanghai, China. <i>Science of the Total Environment</i> , 2021, 775, 145777.	8.0	16
85	Acute effects of personal exposure to fine particulate matter on salivary and urinary biomarkers of inflammation and oxidative stress in healthy adults. <i>Chemosphere</i> , 2021, 272, 129906.	8.2	12
86	Associations of fine particulate matter and its constituents with airway inflammation, lung function, and buccal mucosa microbiota in children. <i>Science of the Total Environment</i> , 2021, 773, 145619.	8.0	37
87	Indoor exposure levels of ammonia in residences, schools, and offices in China from 1980 to 2019: A systematic review. <i>Indoor Air</i> , 2021, 31, 1691-1706.	4.3	13
88	Indoor PM <sub>2.5</sub> concentrations in China: A concise review of the literature published in the past 40 years. <i>Building and Environment</i> , 2021, 198, 107898.	6.9	16
89	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, The</i> , 2021, 5, e415-e425.	11.4	284
90	Reducing the Influence of Environmental Factors on Performance of a Diffusion-Based Personal Exposure Kit. <i>Sensors</i> , 2021, 21, 4637.	3.8	12

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91	Predicting the effect of confinement on the COVID-19 spread using machine learning enriched with satellite air pollution observations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
92	Effects of prenatal exposure to air pollution on toddler neurodevelopment and effect modification by ambient temperature. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
93	A Random Forest Model for PM2.5 Personal Exposure Assessment for a Chinese Cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
94	Indoor exposure levels of radon in dwellings, schools, and offices in China from 2000 to 2020: A systematic review. Indoor Air, 2021, . .	4.3	11
95	Geographical Variations of the Minimum Mortality Temperature at a Global Scale. Environmental Epidemiology, 2021, 5, e169.	3.0	28
96	Associations between fine particulate matter constituents and hospital outpatient and emergency room visits in Shanghai, China. Atmospheric Environment, 2021, 261, 118606.	4.1	2
97	Effects of using different exposure data to estimate changes in premature mortality attributable to PM2.5 and O3 in China. Environmental Pollution, 2021, 285, 117242.	7.5	23
98	WHO Air Quality Guidelines 2021â€œAiming 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
99	Mortality risk attributable to wildfire-related PM2.5 pollution: a global time series study in 749 locations. Lancet Planetary Health, The, 2021, 5, e579-e587.	11.4	109
100	Significant but Spatiotemporal-Heterogeneous Health Risks Caused by Airborne Exposure to Multiple Toxic Trace Elements in China. Environmental Science & Technology, 2021, 55, 12818-12830.	10.0	5
101	Prenatal exposure to residential PM2.5 and its chemical constituents and weight in preschool children: A longitudinal study from Shanghai, China. Environment International, 2021, 154, 106580.	10.0	14
102	Ambient fine particulate matter air pollution and the risk of preterm birth: A multicenter birth cohort study in China. Environmental Pollution, 2021, 287, 117629.	7.5	13
103	Personal exposure to fine particulate matter and blood pressure: Variations by particulate sources. Chemosphere, 2021, 280, 130602.	8.2	5
104	The prospective effects of long-term exposure to ambient PM2.5 and constituents on mortality in rural East China. Chemosphere, 2021, 280, 130740.	8.2	24
105	Associations of residential greenness with peripheral and central obesity in China. Science of the Total Environment, 2021, 791, 148084.	8.0	10
106	Personal exposure to PM2.5 in five commuting modes under hazy and non-hazy conditions. Environmental Pollution, 2021, 289, 117823.	7.5	20
107	Evaluating carbon content in airway macrophages as a biomarker of personal exposure to fine particulate matter and its acute respiratory effects. Chemosphere, 2021, 283, 131179.	8.2	4
108	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

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109	Fine particulate matter constituents and infant mortality in Africa: A multicountry study. <i>Environment International</i> , 2021, 156, 106739.	10.0	19
110	The exposome in practice: an exploratory panel study of biomarkers of air pollutant exposure in Chinese people aged 60–69 years (China BAPE Study). <i>Environment International</i> , 2021, 157, 106866.	10.0	21
111	The decay of airborne bacteria and fungi in a constant temperature and humidity test chamber. <i>Environment International</i> , 2021, 157, 106816.	10.0	10
112	The acute effects of particulate matter air pollution on ambulatory blood pressure: A multicenter analysis at the hourly level. <i>Environment International</i> , 2021, 157, 106859.	10.0	16
113	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.	8.0	62
114	Acute Effects of Personal Ozone Exposure on Biomarkers of Inflammation, Oxidative Stress, and Mitochondrial Oxidative Damage – Shanghai Municipality, China, May–October 2016. <i>China CDC Weekly</i> , 2021, 3, 954-958.	2.3	5
115	Differential Roles of Water-Insoluble and Water-Soluble Fractions of Diesel Exhaust Particles in the Development of Adverse Health Effects Due to Chronic Instillation of Diesel Exhaust Particles. <i>Chemical Research in Toxicology</i> , 2021, 34, 2450-2459.	3.3	6
116	Overlooked Significant Impact of Trace Metals on the Bacterial Community of PM <sub>2.5</sub> in High-Time Resolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035408.	3.3	3
117	Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. <i>Chemosphere</i> , 2020, 240, 124904.	8.2	61
118	Cohort profile: Sub-clinical outcomes of polluted air in China (SCOPA-China cohort). <i>Environment International</i> , 2020, 134, 105221.	10.0	9
119	Birth month is associated with learning capacity in childhood in Northeast China. <i>Indoor Air</i> , 2020, 30, 31-39.	4.3	6
120	The association between long-term fine particulate air pollution and life expectancy in China, 2013 to 2017. <i>Science of the Total Environment</i> , 2020, 712, 136507.	8.0	41
121	Association between ambient temperature and daily emergency hospitalizations for acute coronary syndrome in Yancheng, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3885-3891.	5.3	13
122	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.	8.0	44
123	Ambient fine particulate matter induced the elevation of blood pressure through ACE2/Ang(1–7) pathway: The evidence from urine metabolites. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 111044.	6.0	13
124	Prenatal exposure to fine particles, premature rupture of membranes and gestational age: A prospective cohort study. <i>Environment International</i> , 2020, 145, 106146.	10.0	8
125	Temporal association between particulate matter pollution and case fatality rate of COVID-19 in Wuhan. <i>Environmental Research</i> , 2020, 189, 109941.	7.5	77
126	Daily CO2 Emission Reduction Indicates the Control of Activities to Contain COVID-19 in China. <i>Innovation(China)</i> , 2020, 1, 100062.	9.1	25



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127	Associations of long-term exposure to ambient fine particulate matter and nitrogen dioxide with lung function: A cross-sectional study in China. <i>Environment International</i> , 2020, 144, 105977.	10.0	34
128	Fine particulate matter constituents and heart rate variability: A panel study in Shanghai, China. <i>Science of the Total Environment</i> , 2020, 747, 141199.	8.0	14
129	Indoor exposure levels of bacteria and fungi in residences, schools, and offices in China: A systematic review. <i>Indoor Air</i> , 2020, 30, 1147-1165.	4.3	36
130	Fine Particulate Matter (PM <sub>2.5</sub> ) upregulates expression of Inflammasome NLRP1 <i>via</i> ROS/NF- $\kappa$ B signaling in HaCaT Cells. <i>International Journal of Medical Sciences</i> , 2020, 17, 2200-2206.	2.5	17
131	Prenatal Exposure to Specific PM <sub>2.5</sub> Chemical Constituents and Preterm Birth in China: A Nationwide Cohort Study. <i>Environmental Science &amp; Technology</i> , 2020, 54, 14494-14501.	10.0	42
132	Projection of ship emissions and their impact on air quality in 2030 in Yangtze River delta, China. <i>Environmental Pollution</i> , 2020, 263, 114643.	7.5	41
133	Prenatal exposure to residential PM <sub>2.5</sub> and anogenital distance in infants at birth: A birth cohort study from Shanghai, China. <i>Environmental Pollution</i> , 2020, 264, 114684.	7.5	7
134	Necessity of personal sampling for exposure assessment on specific constituents of PM <sub>2.5</sub> : Results of a panel study in Shanghai, China. <i>Environment International</i> , 2020, 141, 105786.	10.0	20
135	Short-term exposure to coarse particulate matter and outpatient visits for cardiopulmonary disease in a Chinese city. <i>Ecotoxicology and Environmental Safety</i> , 2020, 199, 110686.	6.0	9
136	Size-fractionated particulate air pollution and myocardial infarction emergency hospitalization in Shanghai, China. <i>Science of the Total Environment</i> , 2020, 737, 140100.	8.0	20
137	Chronic exposure to diesel exhaust particulate matter impairs meiotic progression during spermatogenesis in a mouse model. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110881.	6.0	12
138	Fine particulate matter exposure and renal function: A population-based study among pregnant women in China. <i>Environment International</i> , 2020, 141, 105805.	10.0	25
139	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. <i>Nature</i> , 2020, 582, 557-560.	27.8	1,517
140	Unexpected association between increased levels of ambient carbon monoxide and reduced daily outpatient visits for vaginitis: A hospital-based study. <i>Science of the Total Environment</i> , 2020, 723, 137923.	8.0	11
141	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.	8.0	205
142	The establishment of National Air Quality Health Index in China. <i>Environment International</i> , 2020, 138, 105594.	10.0	34
143	Fine particular matter and its constituents in air pollution and gestational diabetes mellitus. <i>Environment International</i> , 2020, 142, 105880.	10.0	55
144	Health Effects of Asian Dust: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , 2020, 128, 66001.	6.0	46

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145	Moving towards clean cooking in China. <i>The Lancet Global Health</i> , 2020, 8, e321-e322.	6.3	7
146	Application of land use regression to assess exposure and identify potential sources in PM <sub>2.5</sub> , BC, NO <sub>2</sub> concentrations. <i>Atmospheric Environment</i> , 2020, 223, 117267.	4.1	21
147	Associations between fine particulate matter constituents and daily cardiovascular mortality in Shanghai, China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110154.	6.0	22
148	Metabolomics analysis of urine from healthy wild type mice exposed to ambient PM <sub>2.5</sub> . <i>Science of the Total Environment</i> , 2020, 714, 136790.	8.0	24
149	Effects of short-term ambient air pollution exposure on HPV infections: A five-year hospital-based study. <i>Chemosphere</i> , 2020, 252, 126615.	8.2	8
150	Ozone exposure leads to changes in airway permeability, microbiota and metabolome: a randomised, double-blind, crossover trial. <i>European Respiratory Journal</i> , 2020, 56, 2000165.	6.7	21
151	No association of COVID-19 transmission with temperature or UV radiation in Chinese cities. <i>European Respiratory Journal</i> , 2020, 55, 2000517.	6.7	308
152	Association between air pollution and menstrual disorder outpatient visits: A time-series analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110283.	6.0	19
153	Short-Term Exposure to Ambient Ozone and Outpatient Visits for Respiratory Diseases in 5 Cities, China, 2013-2015. <i>China CDC Weekly</i> , 2020, 2, 878-881.	2.3	2
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