

Hai-dong Kan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Improved air quality and reduced burden of preterm birth in China: 2013-2017. <i>Science Bulletin</i> , 2022 ,	10.6	
357	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	7	2
356	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	7	1
355	Application of land use regression to map environmental noise in Shanghai, China.. <i>Environment International</i> , 2022 , 161, 107111	12.9	0
354	Evaluating the spatiotemporal ozone characteristics with high-resolution predictions in mainland China, 2013-2019.. <i>Environmental Pollution</i> , 2022 , 118865	9.3	2
353	Ozone exposure and prothrombosis: Mechanistic insights from a randomized controlled exposure trial.. <i>Journal of Hazardous Materials</i> , 2022 , 429, 128322	12.8	0
352	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	7.9	3
351	Role of climate goals and clean-air policies on reducing future air pollution deaths in China: a modelling study.. <i>Lancet Planetary Health</i> , 2022 , 6, e92-e99	9.8	4
350	Associations of PM exposure with blood glucose impairment in early pregnancy and gestational diabetes mellitus.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 232, 113278	7	2
349	City-level greenness exposure is associated with COVID-19 incidence in China.. <i>Environmental Research</i> , 2022 , 209, 112871	7.9	1
348	Associations of residential greenness with lung function and chronic obstructive pulmonary disease in China.. <i>Environmental Research</i> , 2022 , 209, 112877	7.9	1
347	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	5.8	2
346	Concentrated ambient fine particles exposure affects ovarian follicle development in mice.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 231, 113178	7	1
345	Dynamic molecular choreography induced by traffic exposure: A randomized, crossover trial using multi-omics profiling. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127359	12.8	2
344	Impact of ozone exposure on heart rate variability and stress hormones: A randomized-crossover study. <i>Journal of Hazardous Materials</i> , 2022 , 421, 126750	12.8	9
343	Association between Cold Spells and Mortality Risk and Burden: A Nationwide Study in China.. <i>Environmental Health Perspectives</i> , 2022 , 130, 27006	8.4	1
342	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality.. <i>Scientific Reports</i> , 2022 , 12, 5178	4.9	0

341	Fluctuating temperature modifies heat-mortality association around the globe.. <i>Innovation(China)</i> , 2022 , 3, 100225	17.8	1
340	New WHO global air quality guidelines help prevent premature deaths in China.. <i>National Science Review</i> , 2022 , 9, nwac055	10.8	0
339	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, 107136	12.9	1
338	Effects of greenness on preterm birth: A national longitudinal study of 3.7 million singleton births.. <i>Innovation(China)</i> , 2022 , 3, 100241	17.8	0
337	Association of ambient PM with hospital admission and recurrence of stroke in China.. <i>Science of the Total Environment</i> , 2022 , 154131	10.2	0
336	Ozone exposure and blood transcriptome: A randomized, controlled, crossover trial among healthy adults.. <i>Environment International</i> , 2022 , 163, 107242	12.9	0
335	Maternal exposure to ambient PM causes fetal growth restriction via the inhibition of spiral artery remodeling in mice.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 237, 113512	7	0
334	Indoor exposure to phthalates and its burden of disease in China.. <i>Indoor Air</i> , 2022 , 32, e13030	5.4	1
333	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	4	0
332	Global, regional, and national burden of mortality associated with short-term temperature variability from 2000-19: a three-stage modelling study.. <i>Lancet Planetary Health</i> , 2022 , 6, e410-e421	9.8	1
331	Air pollution, residential greenness, and metabolic dysfunction biomarkers: analyses in the Chinese Longitudinal Healthy Longevity Survey.. <i>BMC Public Health</i> , 2022 , 22, 885	4.1	0
330	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	12.9	0
329	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	12.8	0
328	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	12.9	0
327	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,	5.4	2
326	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> , 2021 , 230, 113118	7	0
325	Personal ozone exposure and stress hormones in the hypothalamus-pituitary-adrenal and sympathetic-adrenal-medullary axes.. <i>Environment International</i> , 2021 , 159, 107050	12.9	1
324	High spatial resolution land-use regression model for urban ultrafine particle exposure assessment in Shanghai, China. <i>Science of the Total Environment</i> , 2021 , 816, 151633	10.2	1

323	Overlooked Significant Impact of Trace Metals on the Bacterial Community of PM _{2.5} in High-Time Resolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD035408	4.4	0
322	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> , 2021 , 151959	10.2	2
321	Temporal variations of short-term associations between PM and NO concentrations and emergency department visits in Shanghai, China 2008-2019.. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 229, 113087	7.7	3
320	Fine particulate matter air pollution and under-5 children mortality in China: A national time-stratified case-crossover study. <i>Environment International</i> , 2021 , 159, 107022	12.9	6
319	Maternal exposure to fine particulate matter and preterm birth and low birth weight in Africa.. <i>Environment International</i> , 2021 , 160, 107053	12.9	0
318	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> , 2021 , 425, 127645	12.8	2
317	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	4	1
316	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> , 2021 , 158, 106942	12.9	4
315	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	7	9
314	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	5.9	33
313	The acute effects of temperature variability on heart rate variability: A repeated-measure study. <i>Environmental Research</i> , 2021 , 194, 110655	7.9	2
312	Exposure to different fractions of diesel exhaust PM induces different levels of pulmonary inflammation and acute phase response. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 210, 111871	7	4
311	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. <i>Lancet Planetary Health, The</i> , 2021 , 5, e191-e199	9.8	10
310	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,	4.6	1
309	Paternal Exposure to PM Programs Offspring's Energy Homeostasis. <i>Environmental Science & Technology</i> , 2021 , 55, 6097-6106	10.3	3
308	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , 2021 , 11, 492-500	21.4	75
307	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	7.5	4
306	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	10.2	7

305	Population ageing and deaths attributable to ambient PM pollution: a global analysis of economic cost. <i>Lancet Planetary Health, The</i> , 2021 , 5, e356-e367	9.8	8
304	The Establishment of a New Air Health Index Integrating the Mortality Risks Due to Ambient Air Pollution and Non-Optimum Temperature. <i>Engineering</i> , 2021 ,	9.7	4
303	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	10.2	6
302	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	8.4	3
301	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	10.2	8
300	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	5.4	7
299	Indoor PM2.5 concentrations in China: A concise review of the literature published in the past 40 years. <i>Building and Environment</i> , 2021 , 198, 107898	6.5	6
298	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	4	8
297	Hypothalamic-pituitary-adrenal axis mediates ambient PM exposure-induced pulmonary inflammation. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111464	7	4
296	Ambient nitrogen dioxide pollution and spreadability of COVID-19 in Chinese cities. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111421	7	26
295	Estimating PM concentrations in Northeastern China with full spatiotemporal coverage, 2005-2016. <i>Remote Sensing of Environment</i> , 2021 , 253,	13.2	22
294	Ambient PM and its chemical constituents on lifetime-ever pneumonia in Chinese children: A multi-center study. <i>Environment International</i> , 2021 , 146, 106176	12.9	17
293	Diverse bacterial populations of PM2.5 in urban and suburb Shanghai, China. <i>Frontiers of Environmental Science and Engineering</i> , 2021 , 15, 1	5.8	5
292	Temperature changes between neighboring days and childhood asthma: a seasonal analysis in Shanghai, China. <i>International Journal of Biometeorology</i> , 2021 , 65, 827-836	3.7	5
291	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	10.2	5
290	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	12.9	6
289	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	8.4	8
288	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	5.1	1

287	A Satellite-Based Land Use Regression Model of Ambient NO ₂ with High Spatial Resolution in a Chinese City. <i>Remote Sensing</i> , 2021 , 13, 397	5	2
286	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	5.1	
285	Associations between total mortality and personal exposure to outdoor-originated NO ₂ in 271 Chinese cities. <i>Atmospheric Environment</i> , 2021 , 246, 118170	5.3	1
284	Parental PM exposure changes Th17/Treg cells in offspring, is associated with the elevation of blood pressure. <i>Environmental Toxicology</i> , 2021 , 36, 1152-1161	4.2	2
283	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	9.3	5
282	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> , 2021 , 5, e415-e425	9.8	48
281	Reducing the Influence of Environmental Factors on Performance of a Diffusion-Based Personal Exposure Kit. <i>Sensors</i> , 2021 , 21,	3.8	4
280	Predicting the effect of confinement on the COVID-19 spread using machine learning enriched with satellite air pollution observations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
279	Indoor exposure levels of radon in dwellings, schools, and offices in China from 2000 to 2020: A systematic review. <i>Indoor Air</i> , 2021 ,	5.4	9
278	Geographical Variations of the Minimum Mortality Temperature at a Global Scale: A Multicountry Study.. <i>Environmental Epidemiology</i> , 2021 , 5, e169	0.2	3
277	Associations between fine particulate matter constituents and hospital outpatient and emergency room visits in Shanghai, China. <i>Atmospheric Environment</i> , 2021 , 261, 118606	5.3	1
276	Effects of using different exposure data to estimate changes in premature mortality attributable to PM and O ₃ in China. <i>Environmental Pollution</i> , 2021 , 285, 117242	9.3	5
275	Mortality risk attributable to wildfire-related PM pollution: a global time series study in 749 locations. <i>Lancet Planetary Health</i> , 2021 , 5, e579-e587	9.8	7
274	Significant but Spatiotemporal-Heterogeneous Health Risks Caused by Airborne Exposure to Multiple Toxic Trace Elements in China. <i>Environmental Science & Technology</i> , 2021 , 55, 12818-12830 ^{10.3}	10.3	2
273	Prenatal exposure to residential PM and its chemical constituents and weight in preschool children: A longitudinal study from Shanghai, China. <i>Environment International</i> , 2021 , 154, 106580	12.9	2
272	Ambient fine particulate matter air pollution and the risk of preterm birth: A multicenter birth cohort study in China. <i>Environmental Pollution</i> , 2021 , 287, 117629	9.3	2
271	Personal exposure to fine particulate matter and blood pressure: Variations by particulate sources. <i>Chemosphere</i> , 2021 , 280, 130602	8.4	0
270	The prospective effects of long-term exposure to ambient PM and constituents on mortality in rural East China. <i>Chemosphere</i> , 2021 , 280, 130740	8.4	2

269	Associations of residential greenness with peripheral and central obesity in China. <i>Science of the Total Environment</i> , 2021 , 791, 148084	10.2	3
268	Personal exposure to PM in five commuting modes under hazy and non-hazy conditions. <i>Environmental Pollution</i> , 2021 , 289, 117823	9.3	7
267	Evaluating carbon content in airway macrophages as a biomarker of personal exposure to fine particulate matter and its acute respiratory effects. <i>Chemosphere</i> , 2021 , 283, 131179	8.4	0
266	Association of fine particulate matter air pollution and its constituents with lung function: The China Pulmonary Health study. <i>Environment International</i> , 2021 , 156, 106707	12.9	4
265	Fine particulate matter constituents and infant mortality in Africa: A multicountry study. <i>Environment International</i> , 2021 , 156, 106739	12.9	3
264	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	12.9	7
263	The decay of airborne bacteria and fungi in a constant temperature and humidity test chamber. <i>Environment International</i> , 2021 , 157, 106816	12.9	3
262	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	12.9	1
261	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	10.2	39
260	Prenatal Exposure to Specific PM Chemical Constituents and Preterm Birth in China: A Nationwide Cohort Study. <i>Environmental Science & Technology</i> , 2020 , 54, 14494-14501	10.3	15
259	Projection of ship emissions and their impact on air quality in 2030 in Yangtze River delta, China. <i>Environmental Pollution</i> , 2020 , 263, 114643	9.3	18
258	Prenatal exposure to residential PM and anogenital distance in infants at birth: A birth cohort study from Shanghai, China. <i>Environmental Pollution</i> , 2020 , 264, 114684	9.3	2
257	Necessity of personal sampling for exposure assessment on specific constituents of PM: Results of a panel study in Shanghai, China. <i>Environment International</i> , 2020 , 141, 105786	12.9	12
256	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	7	4
255	Size-fractionated particulate air pollution and myocardial infarction emergency hospitalization in Shanghai, China. <i>Science of the Total Environment</i> , 2020 , 737, 140100	10.2	11
254	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	7	6
253	Fine particulate matter exposure and renal function: A population-based study among pregnant women in China. <i>Environment International</i> , 2020 , 141, 105805	12.9	14
252	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. <i>Nature</i> , 2020 , 582, 557-560	50.4	1007

251	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	10.2	8
250	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	10.2	136
249	The establishment of National Air Quality Health Index in China. <i>Environment International</i> , 2020 , 138, 105594	12.9	20
248	Fine particular matter and its constituents in air pollution and gestational diabetes mellitus. <i>Environment International</i> , 2020 , 142, 105880	12.9	15
247	Health Effects of Asian Dust: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , 2020 , 128, 66001	8.4	23
246	Moving towards clean cooking in China. <i>The Lancet Global Health</i> , 2020 , 8, e321-e322	13.6	4
245	Application of land use regression to assess exposure and identify potential sources in PM, BC, NO concentrations. <i>Atmospheric Environment</i> , 2020 , 223,	5.3	9
244	Associations between fine particulate matter constituents and daily cardiovascular mortality in Shanghai, China. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 191, 110154	7	14
243	Metabolomics analysis of urine from healthy wild type mice exposed to ambient PM. <i>Science of the Total Environment</i> , 2020 , 714, 136790	10.2	12
242	Effects of short-term ambient air pollution exposure on HPV infections: A five-year hospital-based study. <i>Chemosphere</i> , 2020 , 252, 126615	8.4	3
241	Fine Particulate Matter (PM2.5) is a Risk Factor for Dermatitis by Promoting the Expression of Thymic Stromal Lymphopoietin (TSLP) in Keratinocytes. <i>Indian Journal of Dermatology</i> , 2020 , 65, 92-96	0.9	0
240	Short-Term Exposure to Ambient Ozone and Outpatient Visits for Respiratory Diseases - 5 Cities, China, 2013-2015. <i>China CDC Weekly</i> , 2020 , 2, 878-881	4	1
239	Association between air pollution and menstrual disorder outpatient visits: A time-series analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 192, 110283	7	10
238	Cohort profile: Sub-clinical outcomes of polluted air in China (SCOPA-China cohort). <i>Environment International</i> , 2020 , 134, 105221	12.9	3
237	Birth month is associated with learning capacity in childhood in Northeast China. <i>Indoor Air</i> , 2020 , 30, 31-39	5.4	2
236	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	10.2	21
235	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	5.1	5
234	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	10.2	22

233	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	7	5
232	Prenatal exposure to fine particles, premature rupture of membranes and gestational age: A prospective cohort study. <i>Environment International</i> , 2020 , 145, 106146	12.9	2
231	Temporal association between particulate matter pollution and case fatality rate of COVID-19 in Wuhan. <i>Environmental Research</i> , 2020 , 189, 109941	7.9	49
230	Daily CO Emission Reduction Indicates the Control of Activities to Contain COVID-19 in China. <i>Innovation(China)</i> , 2020 , 1, 100062	17.8	14
229	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	12.9	13
228	Fine particulate matter constituents and heart rate variability: A panel study in Shanghai, China. <i>Science of the Total Environment</i> , 2020 , 747, 141199	10.2	6
227	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	5.4	21
226	Fine Particulate Matter (PM) upregulates expression of Inflammasome NLRP1 ROS/NF- κ B signaling in HaCaT Cells. <i>International Journal of Medical Sciences</i> , 2020 , 17, 2200-2206	3.7	8
225	Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. <i>Chemosphere</i> , 2020 , 240, 124904	8.4	29
224	Ozone exposure leads to changes in airway permeability, microbiota and metabolome: a randomised, double-blind, crossover trial. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	9
223	No association of COVID-19 transmission with temperature or UV radiation in Chinese cities. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	227
222	Air pollutants and outpatient visits for cardiovascular disease in a severe haze-fog city: Shijiazhuang, China. <i>BMC Public Health</i> , 2019 , 19, 1366	4.1	7
221	Alleviated systemic oxidative stress effects of combined atmospheric oxidant capacity by fish oil supplementation: A randomized, double-blinded, placebo-controlled trial. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 184, 109598	7	5
220	Twin growth discordance in association with maternal exposure to fine particulate matter and its chemical constituents during late pregnancy. <i>Environment International</i> , 2019 , 133, 105148	12.9	5
219	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. <i>Environmental Health Perspectives</i> , 2019 , 127, 97007	8.4	36
218	Associations between size-fractionated particle number concentrations and COPD mortality in Shanghai, China. <i>Atmospheric Environment</i> , 2019 , 214, 116875	5.3	17
217	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	8.4	96
216	Applying the concept of "number needed to treat" to the formulation of daily ambient air quality standards. <i>Chemosphere</i> , 2019 , 222, 665-670	8.4	6

215	Metabolomics analysis of a mouse model for chronic exposure to ambient PM. <i>Environmental Pollution</i> , 2019 , 247, 953-963	9.3	37
214	On the accuracy and potential of Google Maps location history data to characterize individual mobility for air pollution health studies. <i>Environmental Pollution</i> , 2019 , 252, 924-930	9.3	11
213	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	12.9	39
212	AMPK activation attenuates inflammatory response to reduce ambient PM-induced metabolic disorders in healthy and diabetic mice. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 179, 290-300	7	17
211	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	15.1	43
210	Polybrominated diphenyl ethers in human serum, semen and indoor dust: Effects on hormones balance and semen quality. <i>Science of the Total Environment</i> , 2019 , 671, 1017-1025	10.2	14
209	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	12.9	37
208	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. <i>International Journal of Epidemiology</i> , 2019 , 48, 1101-1112	7.8	59
207	A systematic assessment of carcinogenicity of chemicals in hydraulic-fracturing fluids and flowback water. <i>Environmental Pollution</i> , 2019 , 251, 128-136	9.3	7
206	Fine particulate matter-induced cardiovascular injury is associated with NLRP3 inflammasome activation in Apo E mice. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 174, 92-99	7	28
205	Particulate air pollution and ischemic stroke hospitalization: How the associations vary by constituents in Shanghai, China. <i>Science of the Total Environment</i> , 2019 , 695, 133780	10.2	23
204	Effects of personal nitrogen dioxide exposure on airway inflammation and lung function. <i>Environmental Research</i> , 2019 , 177, 108620	7.9	18
203	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , 2019 , 381, 705-715	59.2	520
202	Evaluation of Maternal Exposure to PM and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. <i>Thyroid</i> , 2019 , 29, 1147-1157	6.2	22
201	The effects of fine particulate matter constituents on exhaled nitric oxide and DNA methylation in the arginase-nitric oxide synthase pathway. <i>Environment International</i> , 2019 , 131, 105019	12.9	17
200	Personal Fine Particulate Matter Constituents, Increased Systemic Inflammation, and the Role of DNA Hypomethylation. <i>Environmental Science & Technology</i> , 2019 , 53, 9837-9844	10.3	16
199	Predicted temperature-increase-induced global health burden and its regional variability. <i>Environment International</i> , 2019 , 131, 105027	12.9	16
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192	Nitrogen dioxide air pollution and preterm birth in Shanghai, China. <i>Environmental Research</i> , 2019 , 169, 79-85	7.9	38
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188	Association of fine particulate matter on acute exacerbation of chronic obstructive pulmonary disease in Yancheng, China. <i>Science of the Total Environment</i> , 2019 , 650, 1665-1670	10.2	25
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