Bin Han

List of Publications by Year in descending order

44 papers	1,973 citations	361413 20 h-index	243625 44 g-index
44 all docs	44 docs citations	44 times ranked	2724 citing authors

#	Article	IF	Citations
1	Associations of Exposure to Fine Particulate Matter Mass and Constituents with Systemic Inflammation: A Cross-Sectional Study of Urban Older Adults in China. Environmental Science & Technology, 2022, 56, 7244-7255.	10.0	21
2	Characteristics, Source Contributions, and Source-Specific Health Risks of PM2.5-Bound Polycyclic Aromatic Hydrocarbons for Senior Citizens during the Heating Season in Tianjin, China. International Journal of Environmental Research and Public Health, 2022, 19, 4440.	2.6	5
3	The characteristics of inorganic gases and volatile organic compounds at a remote site in the Tibetan Plateau. Atmospheric Research, 2020, 234, 104740.	4.1	12
4	Characterizations and Potential Formation Pathways of Atmospheric Inorganic Ions at a National Background Site in the Northeastern Qinghaiâ€Tibet Plateau During Autumn Season. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032819.	3.3	2
5	Characteristics, Secondary Formation and Regional Contributions of PM2.5 Pollution in Jinan during Winter. Atmosphere, 2020, 11, 273.	2.3	6
6	Chemical Compositions and Source Analysis of PM2.5 during Autumn and Winter in a Heavily Polluted City in China. Atmosphere, 2020, 11, 336.	2.3	9
7	Source profile and excess cancer risk evaluation of environmental tobacco smoking under real conditions, China. Atmospheric Pollution Research, 2019, 10, 1994-1999.	3.8	2
8	Development of spatiotemporal models to predict ambient ozone and NOx concentrations in Tianjin, China. Atmospheric Environment, 2019, 213, 37-46.	4.1	6
9	Comparative statistical models for estimating potential roles of relative humidity and temperature on the concentrations of secondary inorganic aerosol: Statistical insights on air pollution episodes at Beijing during January 2013. Atmospheric Environment, 2019, 212, 11-21.	4.1	18
10	An advanced spatio-temporal model for particulate matter and gaseous pollutants in Beijing, China. Atmospheric Environment, 2019, 211, 120-127.	4.1	24
11	Inhalation cancer risk estimation of source-specific personal exposure for particulate matterâ€“bound polycyclic aromatic hydrocarbons based on positive matrix factorization. Environmental Science and Pollution Research, 2019, 26, 10230-10239.	5.3	18
12	A panel study of airborne particulate matter concentration and impaired cardiopulmonary function in young adults by two different exposure measurement. Atmospheric Environment, 2018, 180, 103-109.	4.1	16
13	Chemical characteristic of PM2.5 emission and inhalational carcinogenic risk of domestic Chinese cooking. Environmental Pollution, 2017, 227, 24-30.	7.5	93
14	Human Exposure Assessment for Air Pollution. Advances in Experimental Medicine and Biology, 2017, 1017, 27-57.	1.6	26
15	Characteristics of PM10 Chemical Source Profiles for Geological Dust from the South-West Region of China. Atmosphere, 2016, 7, 146.	2.3	7
16	Gravimetric analysis for PM2.5 mass concentration based on year-round monitoring at an urban site in Beijing. Journal of Environmental Sciences, 2016, 40, 154-160.	6.1	12
17	Assessment on personal exposure to particulate compounds using an empirical exposure model in an elderly community in Tianjin, China. Science of the Total Environment, 2016, 572, 1080-1091.	8.0	8
18	Long-term exposure to urban air pollution and lung cancer mortality: A 12-year cohort study in Northern China. Science of the Total Environment, 2016, 571, 855-861.	8.0	148

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19	Assessing the inhalation cancer risk of particulate matter bound polycyclic aromatic hydrocarbons (PAHs) for the elderly in a retirement community of a mega city in North China. Environmental Science and Pollution Research, 2016, 23, 20194-20204.	5.3	22
20	Heavy haze episodes in Beijing during January 2013: Inorganic ion chemistry and source analysis using highly time-resolved measurements from an urban site. Science of the Total Environment, 2016, 544, 319-329.	8.0	102
21	Element composition and source apportionment of atmospheric aerosols over the China Sea. Atmospheric Pollution Research, 2015, 6, 191-201.	3.8	30
22	Characterization, health risk of heavy metals, and source apportionment of atmospheric PM2.5 to children in summer and winter: an exposure panel study in Tianjin, China. Air Quality, Atmosphere and Health, 2015, 8, 347-357.	3.3	73
23	Individual and population intake fractions of diesel particulate matter (DPM) in bus stop microenvironments. Environmental Pollution, 2015, 207, 161-167.	7.5	20
24	Personal Exposure of Children to Particle-Associated Polycyclic Aromatic Hydrocarbons in Tianjin, China. Polycyclic Aromatic Compounds, 2014, 34, 320-342.	2.6	9
25	Long-term exposure to high particulate matter pollution and cardiovascular mortality: A 12-year cohort study in four cities in northern China. Environment International, 2014, 62, 41-47.	10.0	135
26	Major chemical compositions, possible sources, and mass closure analysis of PM2.5 in Jinan, China. Air Quality, Atmosphere and Health, 2014, 7, 251-262.	3.3	67
27	Exposure measurement, risk assessment and source identification for exposure of traffic assistants to particle-bound PAHs in Tianjin, China. Journal of Environmental Sciences, 2014, 26, 448-457.	6.1	13
28	Chemical Characterizations of PM10 Profiles for Major Emission Sources in Xining, Northwestern China. Aerosol and Air Quality Research, 2014, 14, 1017-1027.	2.1	16
29	Similarities and Differences in PM2.5, PM10 and TSP Chemical Profiles of Fugitive Dust Sources in a Coastal Oilfield City in China. Aerosol and Air Quality Research, 2014, 14, 2017-2028.	2.1	20
30	Health risk assessment for vehicle inspection workers exposed to airborne polycyclic aromatic hydrocarbons (PAHs) in their work place. Environmental Sciences: Processes and Impacts, 2013, 15, 623.	3.5	25
31	Assessing the Hazardous Risks of Vehicle Inspection Workersâ€™ Exposure to Particulate Heavy Metals in Their Work Places. Aerosol and Air Quality Research, 2013, 13, 255-265.	2.1	62
32	Spatial and Temporal Variation of Chemical Composition and Mass Closure of Ambient PM10 in Tianjin, China. Aerosol and Air Quality Research, 2013, 13, 1832-1846.	2.1	21
33	Chemical compositions and sources of atmospheric PM10 in heating, non-heating and sand periods at a coal-based city in northeastern china. Journal of Environmental Monitoring, 2012, 14, 852.	2.1	17
34	Particle Exposure Assessment for Community Elderly (PEACE) in Tianjin, China: Mass concentration relationships. Atmospheric Environment, 2012, 49, 77-84.	4.1	14
35	Source analysis of particulate matter associated polycyclic aromatic hydrocarbons (PAHs) in an industrial city in northeastern China. Journal of Environmental Monitoring, 2011, 13, 2597.	2.1	31
36	Potential threat of heavy metals in re-suspended dusts on building surfaces in oilfield city. Atmospheric Environment, 2011, 45, 4192-4204.	4.1	66

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37	Characterization of PM10 source profiles for fugitive dust in Fushun-a city famous for coal. Atmospheric Environment, 2011, 45, 5351-5365.	4.1	89
38	Levels, risk assessment and sources of PM10 fraction heavy metals in four types dust from a coal-based city. Microchemical Journal, 2011, 98, 280-290.	4.5	115
39	Characterization of Elemental Species in PM2.5 Samples Collected in Four Cities of Northeast China. Water, Air, and Soil Pollution, 2010, 209, 15-28.	2.4	68
40	A land use regression for predicting NO2 and PM10 concentrations in different seasons in Tianjin region, China. Journal of Environmental Sciences, 2010, 22, 1364-1373.	6.1	101
41	Receptor modeling of PM2.5, PM10 and TSP in different seasons and long-range transport analysis at a coastal site of Tianjin, China. Science of the Total Environment, 2010, 408, 4681-4694.	8.0	149
42	A seasonal study of polycyclic aromatic hydrocarbons in PM2.5 and PM2.5â€“10 in five typical cities of Liaoning Province, China. Journal of Hazardous Materials, 2010, 183, 70-80.	12.4	212
43	Chemical characterizations of PM10 fraction of paved road dust in Anshan, China. Transportation Research, Part D: Transport and Environment, 2009, 14, 599-603.	6.8	8
44	Characterization of PM10 fraction of road dust for polycyclic aromatic hydrocarbons (PAHs) from Anshan, China. Journal of Hazardous Materials, 2009, 170, 934-940.	12.4	55