Di Hu

List of Publications by Year
in descending order

26	1,394	394421	552781
papers	citations	19 h-index	26 g-index

28	28	28	1678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sources, transformation, and health implications of PAHs and their nitrated, hydroxylated, and oxygenated derivatives in PM_{2.5} in Beijing. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7219-7228.	3.3	187
2	Contributions of isoprene, monoterpenes,Î²â€caryophyllene, and toluene to secondary organic aerosols in Hong Kong during the summer of 2006. Journal of Geophysical Research, 2008, 113, .	3.3	157
3	New Evidence of Rubber-Derived Quinones in Water, Air, and Soil. Environmental Science & Technology, 2022, 56, 4142-4150.	10.0	100
4	Sources and oxidative potential of water-soluble humic-like substances (HULIS_{WS}) in fine particulate matter (PM_{2.5}) in Beijing. Atmospheric Chemistry and Physics, 2018, 18, 5607-5617.	4.9	92
5	A quantitative assessment of source contributions to fine particulate matter (PM2.5)-bound polycyclic aromatic hydrocarbons (PAHs) and their nitrated and hydroxylated derivatives in Hong Kong. Environmental Pollution, 2016, 219, 742-749.	7.5	80
6	Source apportioning of primary and secondary organic carbon in summer PM_{2.5} in Hong Kong using positive matrix factorization of secondary and primary organic tracer data. Journal of Geophysical Research, 2010, 115, .	3.3	77
7	Chemical composition and bioreactivity of PM2.5 during 2013 haze events in China. Atmospheric Environment, 2016, 126, 162-170.	4.1	71
8	Seasonal behavior of carbonyls and source characterization of formaldehyde (HCHO) in ambient air. Atmospheric Environment, 2017, 152, 51-60.	4.1	69
9	Characteristics of water-soluble organic nitrogen in fine particulate matter in the continental area of China. Atmospheric Environment, 2015, 106, 252-261.	4.1	67
10	Investigation of the chemical components of ambient fine particulate matter (PM2.5) associated with in vitro cellular responses to oxidative stress and inflammation. Environment International, 2020, 136, 105475.	10.0	66
11	A magnetic covalent organic framework as an adsorbent and a new matrix for enrichment and rapid determination of PAHs and their derivatives in PM_{2.5} by surface-assisted laser desorption/ionization-time of flight-mass spectrometry. Chemical Communications, 2019, 55, 3745-3748.	4.1	55
12	A kinetic mechanism for predicting secondary organic aerosol formation from toluene oxidation in the presence of NOx and natural sunlight. Atmospheric Environment, 2007, 41, 6478-6496.	4.1	51
13	Characterization of chemical components and bioreactivity of fine particulate matter (PM2.5) during incense burning. Environmental Pollution, 2016, 213, 524-532.	7.5	51
14	Formation of dioxins from triclosan with active chlorine: A potential risk assessment. Journal of Hazardous Materials, 2019, 367, 128-136.	12.4	46
15	Optical properties, source apportionment and redox activity of humic-like substances (HULIS) in airborne fine particulates in Hong Kong. Environmental Pollution, 2019, 255, 113087.	7.5	37
16	Determination of PM2.5-bound polyaromatic hydrocarbons and their hydroxylated derivatives by atmospheric pressure gas chromatography-tandem mass spectrometry. Talanta, 2019, 195, 757-763.	5.5	31
17	Secondary organic aerosol tracers and malic acid in Hong Kong: seasonal trends and origins. Environmental Chemistry, 2013, 10, 381.	1.5	28
18	Large outdoor chamber experiments and computer simulations: (I) Secondary organic aerosol formation from the oxidation of a mixture of d-limonene and Î±-pinene. Atmospheric Environment, 2007, 41, 9341-9352.	4.1	24

#	Article	IF	Citations
19	Magnetic graphene composites as both an adsorbent for sample enrichment and a MALDI-TOF MS matrix for the detection of nitropolycyclic aromatic hydrocarbons in PM_{2.5}. Analyst, The, 2015, 140, 1711-1716.	3.5	21
20	Pollutants from primary sources dominate the oxidative potential of water-soluble PM2.5 in Hong Kong in terms of dithiothreitol (DTT) consumption and hydroxyl radical production. Journal of Hazardous Materials, 2021, 405, 124218.	12.4	21
21	Evaluation of the UNC toluene-SOA mechanism with respect to other chamber studies and key model parameters. Atmospheric Environment, 2007, 41, 6465-6477.	4.1	18
22	Discovery of emerging sulfur-containing PAHs in PM2.5: Contamination profiles and potential health risks. Journal of Hazardous Materials, 2021, 416, 125795.	12.4	18
23	Tracer-based source apportioning of atmospheric organic carbon and the influence of anthropogenic emissions on secondary organic aerosol formation in Hong Kong. Atmospheric Chemistry and Physics, 2021, 21, 10589-10608.	4.9	12
24	Speciation of carboxylic components in humic-like substances (HULIS) and source apportionment of HULIS in ambient fine aerosols (PM2.5) collected in Hong Kong. Environmental Science and Pollution Research, 2020, 27, 23172-23180.	5.3	10
25	Determination of 2,8-dichlorodibenzo-p-dioxin in toothpaste and mouthwash consumer products using GC-MS. Environmental Science and Pollution Research, 2015, 22, 18927-18932.	5.3	2
26	Development and application of a quantification method for water soluble organosulfates in atmospheric aerosols. Environmental Pollution, 2017, 225, 316-322.	7.5	1