

# Di Hu

## List of Publications by Year in descending order

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26  
papers

1,394  
citations

394421

19  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1678  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Evidence of Rubber-Derived Quinones in Water, Air, and Soil. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4142-4150.	10.0	100
2	Pollutants from primary sources dominate the oxidative potential of water-soluble PM <sub>2.5</sub> in Hong Kong in terms of dithiothreitol (DTT) consumption and hydroxyl radical production. <i>Journal of Hazardous Materials</i> , 2021, 405, 124218.	12.4	21
3	Tracer-based source apportioning of atmospheric organic carbon and the influence of anthropogenic emissions on secondary organic aerosol formation in Hong Kong. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10589-10608.	4.9	12
4	Discovery of emerging sulfur-containing PAHs in PM <sub>2.5</sub> : Contamination profiles and potential health risks. <i>Journal of Hazardous Materials</i> , 2021, 416, 125795.	12.4	18
5	Speciation of carboxylic components in humic-like substances (HULIS) and source apportionment of HULIS in ambient fine aerosols (PM <sub>2.5</sub> ) collected in Hong Kong. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23172-23180.	5.3	10
6	Investigation of the chemical components of ambient fine particulate matter (PM <sub>2.5</sub> ) associated with in vitro cellular responses to oxidative stress and inflammation. <i>Environment International</i> , 2020, 136, 105475.	10.0	66
7	Optical properties, source apportionment and redox activity of humic-like substances (HULIS) in airborne fine particulates in Hong Kong. <i>Environmental Pollution</i> , 2019, 255, 113087.	7.5	37
8	A magnetic covalent organic framework as an adsorbent and a new matrix for enrichment and rapid determination of PAHs and their derivatives in PM <sub>2.5</sub> by surface-assisted laser desorption/ionization-time of flight-mass spectrometry. <i>Chemical Communications</i> , 2019, 55, 3745-3748.	4.1	55
9	Formation of dioxins from triclosan with active chlorine: A potential risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 367, 128-136.	12.4	46
10	Determination of PM <sub>2.5</sub> -bound polyaromatic hydrocarbons and their hydroxylated derivatives by atmospheric pressure gas chromatography-tandem mass spectrometry. <i>Talanta</i> , 2019, 195, 757-763.	5.5	31
11	Sources and oxidative potential of water-soluble humic-like substances (HULIS&lt;sub&gt;WS&lt;/sub&gt;) in fine particulate matter (PM&lt;sub&gt;2.5&lt;/sub&gt;) in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5607-5617.	4.9	92
12	Development and application of a quantification method for water soluble organosulfates in atmospheric aerosols. <i>Environmental Pollution</i> , 2017, 225, 316-322.	7.5	1
13	Seasonal behavior of carbonyls and source characterization of formaldehyde (HCHO) in ambient air. <i>Atmospheric Environment</i> , 2017, 152, 51-60.	4.1	69
14	Characterization of chemical components and bioreactivity of fine particulate matter (PM <sub>2.5</sub> ) during incense burning. <i>Environmental Pollution</i> , 2016, 213, 524-532.	7.5	51
15	A quantitative assessment of source contributions to fine particulate matter (PM <sub>2.5</sub> )-bound polycyclic aromatic hydrocarbons (PAHs) and their nitrated and hydroxylated derivatives in Hong Kong. <i>Environmental Pollution</i> , 2016, 219, 742-749.	7.5	80
16	Chemical composition and bioreactivity of PM <sub>2.5</sub> during 2013 haze events in China. <i>Atmospheric Environment</i> , 2016, 126, 162-170.	4.1	71
17	Sources, transformation, and health implications of PAHs and their nitrated, hydroxylated, and oxygenated derivatives in PM <sub>2.5</sub> in Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7219-7228.	3.3	187
18	Characteristics of water-soluble organic nitrogen in fine particulate matter in the continental area of China. <i>Atmospheric Environment</i> , 2015, 106, 252-261.	4.1	67

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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 <sub>2.5</sub> . <i>Analyst</i> , 2015, 140, 1711-1716.	3.5	21
20	Determination of 2,8-dichlorodibenzo-p-dioxin in toothpaste and mouthwash consumer products using GC-MS. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18927-18932.	5.3	2
21	Secondary organic aerosol tracers and malic acid in Hong Kong: seasonal trends and origins. <i>Environmental Chemistry</i> , 2013, 10, 381.	1.5	28
22	Source apportioning of primary and secondary organic carbon in summer PM <sub>2.5</sub> in Hong Kong using positive matrix factorization of secondary and primary organic tracer data. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	77
23	Contributions of isoprene, monoterpenes, $\alpha$ -pinene, and toluene to secondary organic aerosols in Hong Kong during the summer of 2006. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	157
24	A kinetic mechanism for predicting secondary organic aerosol formation from toluene oxidation in the presence of NO <sub>x</sub> and natural sunlight. <i>Atmospheric Environment</i> , 2007, 41, 6478-6496.	4.1	51
25	Evaluation of the UNC toluene-SOA mechanism with respect to other chamber studies and key model parameters. <i>Atmospheric Environment</i> , 2007, 41, 6465-6477.	4.1	18
26	Large outdoor chamber experiments and computer simulations: (I) Secondary organic aerosol formation from the oxidation of a mixture of d-limonene and $\alpha$ -pinene. <i>Atmospheric Environment</i> , 2007, 41, 9341-9352.	4.1	24