

Xiang Li

List of Publications by Year in descending order

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43
papers

1,339
citations

279701

23
h-index

345118

36
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45
all docs

45
docs citations

45
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Conducting polymers in environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 163-179.	5.8	105
2	Particle Size Distributions of Oxidative Potential of Lung-Deposited Particles: Assessing Contributions from Quinones and Water-Soluble Metals. <i>Environmental Science & Technology</i> , 2018, 52, 6592-6600.	4.6	104
3	Determination of phthalates in water samples using polyaniline-based solid-phase microextraction coupled with gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1135, 101-108.	1.8	86
4	Atmospheric outflow of PM _{2.5} saccharides from megacity Shanghai to East China Sea: Impact of biological and biomass burning sources. <i>Atmospheric Environment</i> , 2016, 143, 1-14.	1.9	73
5	Size distribution of particle-phase sugar and nitrophenol tracers during severe urban haze episodes in Shanghai. <i>Atmospheric Environment</i> , 2016, 145, 115-127.	1.9	73
6	Size distributions of polycyclic aromatic hydrocarbons in urban atmosphere: sorption mechanism and source contributions to respiratory deposition. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2971-2983.	1.9	68
7	Atmospheric size-resolved trace elements in a city affected by non-ferrous metal smelting: Indications of respiratory deposition and health risk. <i>Environmental Pollution</i> , 2017, 224, 559-571.	3.7	63
8	Analysis of chloro- and nitrobenzenes in water by a simple polyaniline-based solid-phase microextraction coupled with gas chromatography. <i>Journal of Chromatography A</i> , 2007, 1140, 21-28.	1.8	56
9	Polythiophene as a novel fiber coating for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2008, 1198-1199, 7-13.	1.8	54
10	Desorption Corona Beam Ionization Coupled with a Poly(dimethylsiloxane) Substrate: Broadening the Application of Ambient Ionization for Water Samples. <i>Analytical Chemistry</i> , 2010, 82, 9188-9193.	3.2	51
11	Electrodeposited polyaniline as a fiber coating for solid-phase microextraction of organochlorine pesticides from water. <i>Journal of Separation Science</i> , 2008, 31, 2839-2845.	1.3	50
12	Source Characterization and Apportionment of PM ₁₀ in Panzhihua, China. <i>Aerosol and Air Quality Research</i> , 2010, 10, 367-377.	0.9	50
13	Estimating Secondary Organic Aerosol Production from Toluene Photochemistry in a Megacity of China. <i>Environmental Science & Technology</i> , 2019, 53, 8664-8671.	4.6	43
14	Chemical Fingerprinting of HULIS in Particulate Matters Emitted from Residential Coal and Biomass Combustion. <i>Environmental Science & Technology</i> , 2021, 55, 3593-3603.	4.6	41
15	Characterization of polycyclic aromatic hydrocarbons in fog-rain events. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2988.	2.1	35
16	Particle size distribution and respiratory deposition estimates of airborne perfluoroalkyl acids during the haze period in the megacity of Shanghai. <i>Environmental Pollution</i> , 2018, 234, 9-19.	3.7	33
17	Seasonal contributions to size-resolved n-alkanes (C ₈ -C ₄₀) in the Shanghai atmosphere from regional anthropogenic activities and terrestrial plant waxes. <i>Science of the Total Environment</i> , 2017, 579, 1918-1928.	3.9	31
18	Size-resolved particle oxidative potential in the office, laboratory, and home: Evidence for the importance of water-soluble transition metals. <i>Environmental Pollution</i> , 2019, 246, 704-709.	3.7	30

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19	Theory and Validation of Solid-Phase Microextraction and Needle Trap Devices for Aerosol Sample. <i>Analytical Chemistry</i> , 2010, 82, 9521-9527.	3.2	27
20	Important contributions of alkenes and aromatics to VOCs emissions, chemistry and secondary pollutants formation at an industrial site of central eastern China. <i>Atmospheric Environment</i> , 2021, 244, 117927.	1.9	27
21	Size distribution of particle-associated polybrominated diphenyl ethers (PBDEs) and their implications for health. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1025-1037.	1.2	26
22	Per- and polyfluorinated compounds in saleswomen's urine linked to indoor dust in clothing shops. <i>Science of the Total Environment</i> , 2019, 667, 594-600.	3.9	26
23	ROS-generation potential of Humic-like substances (HULIS) in ambient PM _{2.5} in urban Shanghai: Association with HULIS concentration and light absorbance. <i>Chemosphere</i> , 2020, 256, 127050.	4.2	26
24	Molecular Characterization of Organosulfates in Highly Polluted Atmosphere Using Ultra-High-Resolution Mass Spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032253.	1.2	18
25	Using comprehensive GC-MS to study PAHs and n-alkanes associated with PM _{2.5} in urban atmosphere. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5253-5262.	2.7	13
26	Observation Constrained Aromatic Emissions in Shanghai, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031815.	1.2	13
27	Urban atmospheric formaldehyde concentrations measured by a differential optical absorption spectroscopy method. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 291-297.	1.7	11
28	Quantification of synergistic, additive and antagonistic effects of aerosol components on total oxidative potential. <i>Chemosphere</i> , 2020, 252, 126573.	4.2	11
29	Size distributions of particle-generated hydroxyl radical ($\cdot\text{OH}$) in surrogate lung fluid (SLF) solution and their potential sources. <i>Environmental Pollution</i> , 2021, 268, 115582.	3.7	11
30	Associations of acute exposure to airborne pollutants with COVID-19 infection: evidence from China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50554-50564.	2.7	11
31	Formation of Secondary Nitroaromatic Compounds in Polluted Urban Environments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	11
32	Complexation of Fe(III)/Catechols in atmospheric aqueous phase and the consequent cytotoxicity assessment in human bronchial epithelial cells (BEAS-2B). <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110898.	2.9	10
33	Solubility of aerosol minor and trace elements in Xiamen Island, Southeast China: Size distribution, health risk and dry deposition. <i>Science of the Total Environment</i> , 2022, 844, 157100.	3.9	9
34	Design and application of a novel integrated microsampling system for simultaneous collection of gas- and particle-phase semivolatile organic compounds. <i>Atmospheric Environment</i> , 2017, 149, 1-11.	1.9	7
35	Size distribution of airborne particle-bound PAHs and o-PAHs and their implications for dry deposition. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1184-1192.	1.7	6
36	Association of short-term exposure to ambient air pollutants with exhaled nitric oxide in hospitalized patients with respiratory-system diseases. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 394-400.	2.9	6

#	ARTICLE	IF	CITATIONS
37	PM _{1.0} -Nitrite Heterogeneous Formation Demonstrated via a Modified Versatile Aerosol Concentration Enrichment System Coupled with Ion Chromatography. Environmental Science & Technology, 2021, 55, 9794-9804.	4.6	6
38	PM. Environmental Chemistry, 2021, 18, 168-176.	0.7	5
39	Size distributions and health risks of particle-bound toxic elements in the southeast coastland of China. Environmental Science and Pollution Research, 2021, 28, 44565-44579.	2.7	5
40	Connecting the Oxidative Potential of Fractionated Particulate Matter With Chromophoric Substances. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	5
41	Volatility Dependence of the Aerosol Size Distributions of Nonpolar Organic Compounds: A Case Study in Shanghai. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031894.	1.2	2
42	Antioxidative potential of metformin: Possible protective mechanism against generating OH radicals. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	3.3	1
43	Application of Solid-Phase Microextraction in Gas Sampling. , 2017, , 63-73.		0