Xinghua Li

List of Publications by Citations

35 papers	1,924 citations	21 h-index	39 g-index
39 ext. papers	2,190 ext. citations	6.9 avg, IF	4.8 L-index

#	Paper	IF	Citations
35	Particulate and trace gas emissions from open burning of wheat straw and corn stover in China. *Environmental Science & Technology*, **2007**, 41, 6052-8	10.3	312
34	Establishment of a database of emission factors for atmospheric pollutants from Chinese coal-fired power plants. *Atmospheric Environment*, **2010**, 44, 1515-1523	5.3	175
33	Carbonaceous aerosol emissions from household biofuel combustion in China. *Environmental Science & Technology*, **2009**, 43, 6076-81	10.3	166
32	On the source contribution to Beijing PM2.5 concentrations. *Atmospheric Environment*, **2016**, 134, 84-95	5.3	114
31	Fine particle and trace element emissions from an anthracite coal-fired power plant equipped with a bag-house in China. *Fuel*, **2008**, 87, 2050-2057	7.1	112
30	Source contributions and regional transport of primary particulate matter in China. *Environmental Pollution*, **2015**, 207, 31-42	9.3	106
29	Emission Characteristics of Particulate Matter from Rural Household Biofuel Combustion in China. *Energy & Fuels*, **2007**, 21, 845-851	4.1	88
28	Modeling biogenic and anthropogenic secondary organic aerosol in China. *Atmospheric Chemistry and Physics*, **2017**, 17, 77-92	6.8	87
27	PM-bound PAHs in three indoor and one outdoor air in Beijing: Concentration, source and health risk assessment. *Science of the Total Environment*, **2017**, 586, 255-264	10.2	84
26	Characteristics of inhalable particulate matter concentration and size distribution from power plants in China. *Journal of the Air and Waste Management Association*, **2006**, 56, 1243-51	2.4	75
25	Semi-coke briquettes: towards reducing emissions of primary PM2.5, particulate carbon, and carbon monoxide from household coal combustion in China. *Scientific Reports*, **2016**, 6, 19306	4.9	70
24	Removal of low-concentration formaldehyde in air by adsorption on activated carbon modified by hexamethylene diamine. *Carbon*, **2011**, 49, 2873-2875	10.4	67
23	Source apportionment of PM for 25 Chinese provincial capitals and municipalities using a source-oriented Community Multiscale Air Quality model. *Science of the Total Environment*, **2018**, 612, 462-471	10.2	57
22	Chemical Composition and Light Extinction Contribution of PM2.5 in Urban Beijing for a 1-Year Period. *Aerosol and Air Quality Research*, **2015**, 15, 2200-2211	4.6	46
21	Characterization of non-methane hydrocarbons emitted from open burning of wheat straw and corn stover in China. *Environmental Research Letters*, **2009**, 4, 044015	6.2	43
20	PM-bound phthalates in indoor and outdoor air in Beijing: Seasonal distributions and human exposure via inhalation. *Environmental Pollution*, **2018**, 241, 369-377	9.3	41
19	Quantifying primary and secondary humic-like substances in urban aerosol based on emission source characterization and a source-oriented air quality model. *Atmospheric Chemistry and Physics*, **2019**, 19, 2327-2341	6.8	34

18	Sources of humic-like substances (HULIS) in PM in Beijing: Receptor modeling approach. *Science of the Total Environment*, **2019**, 671, 765-775	10.2	33
17	Ambient PM and PM bound PAHs in Islamabad, Pakistan: Concentration, source and health risk assessment. *Chemosphere*, **2020**, 257, 127187	8.4	29
16	PM2.5 mass, chemical composition, and light extinction before and during the 2008 Beijing Olympics. *Journal of Geophysical Research D: Atmospheres*, **2013**, 118, 12,158-12,167	4.4	26
15	Comparison of Elemental Mercury Oxidation Across Vanadium and Cerium Based Catalysts in Coal Combustion Flue Gas: Catalytic Performances and Particulate Matter Effects. *Environmental Science & Technology*, **2018**, 52, 2981-2987	10.3	23
14	Improve regional distribution and source apportionment of PM trace elements in China using inventory-observation constrained emission factors. *Science of the Total Environment*, **2018**, 624, 355-365	10.2	21
13	Light absorption of organic aerosol from pyrolysis of corn stalk. *Atmospheric Environment*, **2016**, 144, 249-256	5.3	21
12	Characteristics and Relationships between Indoor and Outdoor PM2.5 in Beijing: A Residential Apartment Case Study. *Aerosol and Air Quality Research*, **2016**, 16, 2386-2395	4.6	20
11	The pollution characteristics of PM10 and PM2.5 during summer and winter in Beijing, Suning and Islamabad. *Atmospheric Pollution Research*, **2019**, 10, 1159-1164	4.5	16
10	Design of a compact dilution sampler for stationary combustion sources. *Journal of the Air and Waste Management Association*, **2011**, 61, 1124-30	2.4	12
9	Study of Secondary Organic Aerosol Formation from Chlorine Radical-Initiated Oxidation of Volatile Organic Compounds in a Polluted Atmosphere Using a 3D Chemical Transport Model. *Environmental Science & Technology*, **2020**, 54, 13409-13418	10.3	12
8	PM2.5 Chemical Compositions and Aerosol Optical Properties in Beijing during the Late Fall. *Atmosphere*, **2015**, 6, 164-182	2.7	9
7	Light Absorption Properties of Organic Aerosol from Wood Pyrolysis: Measurement Method Comparison and Radiative Implications. *Environmental Science & Technology*, **2020**, 54, 7156-7164	10.3	7
6	PM10 emissions from industrial coal-fired chain-grate boilers. *Frontiers of Environmental Science and Engineering*, **2017**, 11, 1	5.8	6
5	Impacts of water partitioning and polarity of organic compounds on secondary organic aerosol over eastern China. *Atmospheric Chemistry and Physics*, **2020**, 20, 7291-7306	6.8	5
4	Dechlorination of 2,2?,4,4?,5,5?-hexachlorobiphenyl by thermal reaction with activated carbon-supported copper or zinc. *Frontiers of Environmental Science and Engineering*, **2013**, 7, 827-832	5.8	3
3	Emission of PM2.5-Bound Polycyclic Aromatic Hydrocarbons from Biomass and Coal Combustion in China. *Atmosphere*, **2021**, 12, 1129	2.7	2
2	Theoretical equilibration time is supported by measurement study of residence time at dilution sampling on fine particulate matter emissions from household biofuel burning. *Chemosphere*, **2021**, 267, 129178	8.4	1
1	Modeling Biogenic and Anthropogenic Secondary Organic Aerosol in China **2016**,		1