Caiqing Yan

List of Publications by Year
in descending order

25 papers	1,695 citations	331670 21 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	2171 citing authors

#	Article	IF	Citations
1	Regionally-Varying Combustion Sources of the January 2013 Severe Haze Events over Eastern China. Environmental Science & Technology, 2015, 49, 2038-2043.	10.0	228
2	Fine particle pH during severe haze episodes in northern China. Geophysical Research Letters, 2017, 44, 5213-5221.	4.0	193
3	Chemical characteristics and light-absorbing property of water-soluble organic carbon in Beijing: Biomass burning contributions. Atmospheric Environment, 2015, 121, 4-12.	4.1	192
4	Important fossil source contribution to brown carbon in Beijing during winter. Scientific Reports, 2017, 7, 43182.	3.3	111
5	Source apportionment of black carbon during winter in Beijing. Science of the Total Environment, 2018, 618, 531-541.	8.0	103
6	Residential Coal Combustion as a Source of Levoglucosan in China. Environmental Science & Technology, 2018, 52, 1665-1674.	10.0	83
7	Potassium: A Tracer for Biomass Burning in Beijing?. Aerosol and Air Quality Research, 2018, 18, 2447-2459.	2.1	79
8	Commuter exposure to particulate matter and particle-bound PAHs in three transportation modes in Beijing, China. Environmental Pollution, 2015, 204, 199-206.	7.5	77
9	High-time-resolution source apportionment of PM_{2.5} in Beijing with multiple models. Atmospheric Chemistry and Physics, 2019, 19, 6595-6609.	4.9	77
10	Chemical composition of PM 2.5 from two tunnels with different vehicular fleet characteristics. Science of the Total Environment, 2016, 550, 123-132.	8.0	76
11	Measurement of PM and its chemical composition in real-world emissions from non-road and on-road diesel vehicles. Atmospheric Chemistry and Physics, 2017, 17, 6779-6795.	4.9	76
12	Sources and spatial distribution of particulate polycyclic aromatic hydrocarbons in Shanghai, China. Science of the Total Environment, 2017, 584-585, 307-317.	8.0	73
13	Oxidative Potential by PM_{2.5} in the North China Plain: Generation of Hydroxyl Radical. Environmental Science & Technology, 2019, 53, 512-520.	10.0	51
14	Comparison of water-soluble inorganic ions and trace metals in PM2.5 between online and offline measurements in Beijing during winter. Atmospheric Pollution Research, 2019, 10, 1755-1765.	3.8	37
15	Characterization of saccharides and associated usage in determining biogenic and biomass burning aerosols in atmospheric fine particulate matter in the North China Plain. Science of the Total Environment, 2019, 650, 2939-2950.	8.0	33
16	Modeled deposition of fine particles in human airway in Beijing, China. Atmospheric Environment, 2016, 124, 387-395.	4.1	30
17	Sources and characteristics of fine particles over the Yellow Sea and Bohai Sea using online single particle aerosol mass spectrometer. Journal of Environmental Sciences, 2015, 29, 62-70.	6.1	29
18	Understanding PM2.5 sources in China: challenges and perspectives. National Science Review, 2017, 4, 801-803.	9.5	29

#	Article	IF	Citations
19	Deposition of Organic and Black Carbon: Direct Measurements at Three Remote Stations in the Himalayas and Tibetan Plateau. Journal of Geophysical Research D: Atmospheres, 2019, 124, 9702-9715.	3.3	29
20	Molecular Characterization of Waterâ€Soluble Brown Carbon Chromophores in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032018.	3.3	25
21	Sources of primary and secondary organic aerosol and their diurnal variations. Journal of Hazardous Materials, 2014, 264, 536-544.	12.4	22
22	Understanding sources of fine particulate matter in China. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190325.	3.4	16
23	Significant Contribution of Primary Sources to Water-Soluble Organic Carbon During Spring in Beijing, China. Atmosphere, 2020, 11, 395.	2.3	13
24	Characterization of Ultrafine Particles and Other Traffic Related Pollutants near Roadways in Beijing. Aerosol and Air Quality Research, 2015, 15, 1261-1269.	2.1	7
25	PM2.5 Source Apportionment in China. Issues in Environmental Science and Technology, 2016, , 293-314.	0.4	6