

Delong Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

419
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the Fraction of Core-Shell Black Carbon Particles in a Complex Mixture to Constrain the Absorption Enhancement by Coatings. <i>Environmental Science and Technology Letters</i> , 2022, 9, 272-279.	8.7	9
2	Aerodynamic size-resolved composition and cloud condensation nuclei properties of aerosols in a Beijing suburban region. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4375-4391.	4.9	9
3	Evolution of source attributed organic aerosols and gases in a megacity of central China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6937-6951.	4.9	6
4	Evolution of Organic Aerosol From Wood Smoke Influenced by Burning Phase and Solar Radiation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034534.	3.3	8
5	Direct Quantification of Droplet Activation of Ambient Black Carbon Under Water Supersaturation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034649.	3.3	8
6	Measurements of the Diversity of Shape and Mixing State for Ambient Black Carbon Particles. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094522.	4.0	21
7	Reduced volatility of aerosols from surface emissions to the top of the planetary boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14749-14760.	4.9	6
8	Vertical evolution of black carbon characteristics and heating rate during a haze event in Beijing winter. <i>Science of the Total Environment</i> , 2020, 709, 136251.	8.0	36
9	Efficient Vertical Transport of Black Carbon in the Planetary Boundary Layer. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088858.	4.0	19
10	Black Carbon Emission and Wet Scavenging From Surface to the Top of Boundary Layer Over Beijing Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033096.	3.3	18
11	A 5.5-year observations of black carbon aerosol at a megacity in Central China: Levels, sources, and variation trends. <i>Atmospheric Environment</i> , 2020, 232, 117581.	4.1	29
12	Estimating radiative impacts of black carbon associated with mixing state in the lower atmosphere over the northern North China Plain. <i>Chemosphere</i> , 2020, 252, 126455.	8.2	19
13	Closure Investigation on Cloud Condensation Nuclei Ability of Processed Anthropogenic Aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032680.	3.3	10
14	Size-Related Physical Properties of Black Carbon in the Lower Atmosphere over Beijing and Europe. <i>Environmental Science & Technology</i> , 2019, 53, 11112-11121.	10.0	45
15	Observed Interactions Between Black Carbon and Hydrometeor During Wet Scavenging in Mixed-Phase Clouds. <i>Geophysical Research Letters</i> , 2019, 46, 8453-8463.	4.0	29
16	Enhanced heating rate of black carbon above the planetary boundary layer over megacities in summertime. <i>Environmental Research Letters</i> , 2019, 14, 124003.	5.2	14
17	Vertical characteristics of black carbon physical properties over Beijing region in warm and cold seasons. <i>Atmospheric Environment</i> , 2019, 213, 296-310.	4.1	38
18	The evolution of an aerosol event observed from aircraft in Beijing: An insight into regional pollution transport. <i>Atmospheric Environment</i> , 2019, 206, 11-20.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Characterizing the level, photochemical reactivity, emission, and source contribution of the volatile organic compounds based on PTR-TOF-MS during winter haze period in Beijing, China. Atmospheric Research, 2018, 212, 54-63.	4.1	69