Delong Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4566635/publications.pdf

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19	419	759233 12	794594 19
papers	citations	h-index	g-index

19	19	19	498
all docs	docs citations	times ranked	citing authors

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

#	Article	IF	Citations
19	Evolution of source attributed organic aerosols and gases in a megacity of central China. Atmospheric Chemistry and Physics, 2022, 22, 6937-6951.	4.9	6