

Qijing Bian

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

560
citations

759233

12
h-index

888059

17
g-index

34
all docs

34
docs citations

34
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining Aerosol Phase Function Using Dual-View Geostationary Satellites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035209.	3.3	3
2	Ice Nucleating Particle Connections to Regional Argentinian Land Surface Emissions and Weather During the Cloud, Aerosol, and Complex Terrain Interactions Experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035186.	3.3	13
3	A Decadal Climatology of Chemical, Physical, and Optical Properties of Ambient Smoke in the Western and Southeastern United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031372.	3.3	19
4	A fast visible-wavelength 3D radiative transfer model for numerical weather prediction visualization and forward modeling. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3235-3261.	3.1	3
5	Observation of Vapor Wall Deposition in a Smog Chamber Using Size Evolution of Pure Organic Particles. <i>Aerosol and Air Quality Research</i> , 2020, 20, 2705-2714.	2.1	3
6	The influence of simulated surface dust lofting and atmospheric loading on radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10279-10301.	4.9	9
7	<i>A Tale of Two Dust Storms</i>; analysis of a complex dust event in the Middle East. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 5101-5118.	3.1	14
8	Investigation of levoglucosan decay in wood smoke smog-chamber experiments: The importance of aerosol loading, temperature, and vapor wall losses in interpreting results. <i>Atmospheric Environment</i> , 2019, 199, 224-232.	4.1	24
9	Sources of PM<sub>2.5</sub> carbonaceous aerosol in Riyadh, Saudi Arabia. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3969-3985.	4.9	28
10	Constraining nucleation, condensation, and chemistry in oxidation flow reactors using size-distribution measurements and aerosol microphysical modeling. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12433-12460.	4.9	12
11	Secondary organic aerosol formation in biomass-burning plumes: theoretical analysis of lab studies and ambient plumes. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5459-5475.	4.9	61
12	Investigation of particle and vapor wall-loss effects on controlled wood-smoke smog-chamber experiments. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11027-11045.	4.9	39
13	Sources and atmospheric processes impacting oxalate at a suburban coastal site in Hong Kong: Insights inferred from 1<sup>year</sup> hourly measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9772-9788.	3.3	54
14	Contributions of vehicular carbonaceous aerosols to PM<sub>2.5</sub> in a roadside environment in Hong Kong. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9279-9293.	4.9	48
15	One-year observations of size distribution characteristics of major aerosol constituents at a coastal receptor site in Hong Kong <i>Part 1: Inorganic ions and oxalate</i>. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9013-9027.	4.9	50
16	Characterization of PM2.5 Major Components and Source Investigation in Suburban Hong Kong: A One Year Monitoring Study. <i>Aerosol and Air Quality Research</i> , 2014, 14, 237-250.	2.1	144
17	Nonpolar organic compounds in fine particles: quantification by thermal desorption<i>GC/MS</i> and evidence for their significant oxidation in ambient aerosols in Hong Kong. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 3125-3139.	3.7	23