

Kara D Lamb

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

406
citations

840776

11
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	The underappreciated role of anthropogenic sources in atmospheric soluble iron flux to the Southern Ocean. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	6.8	13
2	Global-scale constraints on light-absorbing anthropogenic iron oxide aerosols. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	12
3	Complex refractive indices in the ultraviolet and visible spectral region for highly absorbing non-spherical biomass burning aerosol. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7235-7252.	4.9	11
4	Temporal and spatial variations of aerosol optical properties over the Korean peninsula during KORUS-AQ. <i>Atmospheric Environment</i> , 2021, 254, 118301.	4.1	10
5	Light-absorption enhancement of black carbon in the Asian outflow inferred from airborne SP2 and in-situ measurements during KORUS-AQ. <i>Science of the Total Environment</i> , 2021, 773, 145531.	8.0	9
6	The Chicago Water Isotope Spectrometer (ChiWIS-lab): A tunable diode laser spectrometer for chamber-based measurements of water vapor isotopic evolution during cirrus formation. <i>Review of Scientific Instruments</i> , 2020, 91, 045120.	1.3	6
7	No anomalous supersaturation in ultracold cirrus laboratory experiments. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1089-1103.	4.9	2
8	Understanding and improving model representation of aerosol optical properties for a Chinese haze event measured during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6455-6478.	4.9	18
9	Investigation of factors controlling PM _{2.5} variability across the South Korean Peninsula during KORUS-AQ. <i>Elementa</i> , 2020, 8, .	3.2	44
10	Classification of iron oxide aerosols by a single particle soot photometer using supervised machine learning. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3885-3906.	3.1	8
11	Evidence in biomass burning smoke for a light-absorbing aerosol with properties intermediate between brown and black carbon. <i>Aerosol Science and Technology</i> , 2019, 53, 976-989.	3.1	37
12	Inter-comparison of black carbon measurement methods for simulated open biomass burning emissions. <i>Atmospheric Environment</i> , 2019, 206, 156-169.	4.1	34
13	Investigating biomass burning aerosol morphology using a laser imaging nephelometer. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1879-1894.	4.9	20
14	Estimating Source Region Influences on Black Carbon Abundance, Microphysics, and Radiative Effect Observed Over South Korea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,527.	3.3	24
15	Secondary organic aerosol production from local emissions dominates the organic aerosol budget over Seoul, South Korea, during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17769-17800.	4.9	105
16	Laboratory measurements of HDO/H ₂ O isotopic fractionation during ice deposition in simulated cirrus clouds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5612-5617.	7.1	38
17	Unitary and nonunitary approaches in quantum field theory. <i>Physical Review A</i> , 2007, 75, .	2.5	13
18	Nonperturbative retrieval of the scattering strength in one-dimensional media. <i>Physical Review E</i> , 2006, 74, 061903.	2.1	1