Kara D Lamb

List of Publications by Year
in descending order

18	406	840776 11	839539 18
papers	citations	h-index	g-index

23	23	23	828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Secondary organic aerosol production from local emissions dominates the organic aerosol budget over Seoul, South Korea, during KORUS-AQ. Atmospheric Chemistry and Physics, 2018, 18, 17769-17800.	4.9	105
2	Investigation of factors controlling PM2.5 variability across the South Korean Peninsula during KORUS-AQ. Elementa, 2020, 8, .	3.2	44
3	Laboratory measurements of HDO/H₂O isotopic fractionation during ice deposition in simulated cirrus clouds. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5612-5617.	7.1	38
4	Evidence in biomass burning smoke for a light-absorbing aerosol with properties intermediate between brown and black carbon. Aerosol Science and Technology, 2019, 53, 976-989.	3.1	37
5	Inter-comparison of black carbon measurement methods for simulated open biomass burning emissions. Atmospheric Environment, 2019, 206, 156-169.	4.1	34
6	Estimating Source Region Influences on Black Carbon Abundance, Microphysics, and Radiative Effect Observed Over South Korea. Journal of Geophysical Research D: Atmospheres, 2018, 123, 13,527.	3.3	24
7	Investigating biomass burning aerosol morphology using a laser imaging nephelometer. Atmospheric Chemistry and Physics, 2018, 18, 1879-1894.	4.9	20
8	Understanding and improving model representation of aerosol optical properties for a Chinese haze event measured during KORUS-AQ. Atmospheric Chemistry and Physics, 2020, 20, 6455-6478.	4.9	18
9	Unitary and nonunitary approaches in quantum field theory. Physical Review A, 2007, 75, .	2.5	13
10	The underappreciated role of anthropogenic sources in atmospheric soluble iron flux to the Southern Ocean. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	13
11	Global-scale constraints on light-absorbing anthropogenic iron oxide aerosols. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	12
12	Complex refractive indices in the ultraviolet and visible spectral region for highly absorbing non-spherical biomass burning aerosol. Atmospheric Chemistry and Physics, 2021, 21, 7235-7252.	4.9	11
13	Temporal and spatial variations of aerosol optical properties over the Korean peninsula during KORUS-AQ. Atmospheric Environment, 2021, 254, 118301.	4.1	10
14	Light-absorption enhancement of black carbon in the Asian outflow inferred from airborne SP2 and in-situ measurements during KORUS-AQ. Science of the Total Environment, 2021, 773, 145531.	8.0	9
15	Classification of iron oxide aerosols by a single particle soot photometer using supervised machine learning. Atmospheric Measurement Techniques, 2019, 12, 3885-3906.	3.1	8
16	The Chicago Water Isotope Spectrometer (ChiWIS-lab): A tunable diode laser spectrometer for chamber-based measurements of water vapor isotopic evolution during cirrus formation. Review of Scientific Instruments, 2020, 91, 045120.	1.3	6
17	No anomalous supersaturation in ultracold cirrus laboratory experiments. Atmospheric Chemistry and Physics, 2020, 20, 1089-1103.	4.9	2
18	Nonperturbative retrieval of the scattering strength in one-dimensional media. Physical Review E, 2006, 74, 061903.	2.1	1