

Carolyn E Jordan

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

868
citations

471061

17
h-index

525886

27
g-index

52
all docs

52
docs citations

52
times ranked

1272
citing authors

#	ARTICLE	IF	CITATIONS
1	North Atlantic Ocean SST-gradient-driven variations in aerosol and cloud evolution along Lagrangian cold-air outbreak trajectories. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 2795-2815.	1.9	4
2	Evidence of haze-driven secondary production of supermicrometer aerosol nitrate and sulfate in size distribution data in South Korea. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7505-7522.	1.9	4
3	Limitations in representation of physical processes prevent successful simulation of PM _{2.5} during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7933-7958.	1.9	17
4	Linking marine phytoplankton emissions, meteorological processes, and downwind particle properties with FLEXPART. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 831-851.	1.9	15
5	New in situ aerosol hyperspectral optical measurements over 300–700 nm Part 1: Spectral Aerosol Extinction (SpEx) instrument field validation during the KORUS-OC cruise. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 695-713.	1.2	6
6	The Korea–United States Air Quality (KORUS-AQ) field study. <i>Elementa</i> , 2021, 9, 1-27.	1.1	82
7	Sizing response of the Ultra-High Sensitivity Aerosol Spectrometer (UHSAS) and Laser Aerosol Spectrometer (LAS) to changes in submicron aerosol composition and refractive index. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 4517-4542.	1.2	28
8	Isotopic evidence for dominant secondary production of HONO in near-ground wildfire plumes. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13077-13098.	1.9	16
9	New in situ aerosol hyperspectral optical measurements over 300–700 nm Part 2: Extinction, total absorption, water- and methanol-soluble absorption observed during the KORUS-OC cruise. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 715-736.	1.2	5
10	Reconciling Assumptions in Bottom-Up and Top-Down Approaches for Estimating Aerosol Emission Rates From Wildland Fires Using Observations From FIREX-AQ. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	1.2	10
11	High Temporal Resolution Satellite Observations of Fire Radiative Power Reveal Link Between Fire Behavior and Aerosol and Gas Emissions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090707.	1.5	30
12	Investigation of factors controlling PM _{2.5} variability across the South Korean Peninsula during KORUS-AQ. <i>Elementa</i> , 2020, 8, .	1.1	44
13	Comparison of Near-Surface NO ₂ Pollution With Pandora Total Column NO ₂ During the Korea–United States Ocean Color (KORUS OC) Campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13560-13575.	1.2	21
14	Meteorology influencing springtime air quality, pollution transport, and visibility in Korea. <i>Elementa</i> , 2019, 7, .	1.1	62
15	Monitoring of carbon monoxide in residences with bulk wood pellet storage in the Northeast United States. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 1066-1079.	0.9	5
16	Coastal Observations from a New Vantage Point. <i>Eos</i> , 2016, 97, .	0.1	4
17	Spectral aerosol extinction (SpEx): a new instrument for in situ ambient aerosol extinction measurements across the UV/visible wavelength range. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 4755-4771.	1.2	14
18	Origins of aerosol chlorine during winter over north central Colorado, USA. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 678-694.	1.2	30

#	ARTICLE	IF	CITATIONS
19	The impact of local sources and long-range transport on aerosol properties over the northeast U.S. region during INTEX-NA. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	23
20	Testing fast photochemical theory during TRACE-P based on measurements of OH, HO ₂ , and CH ₂ O. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	71
21	Airborne sampling of aerosol particles: Comparison between surface sampling at Christmas Island and P-3 sampling during PEM-Tropics B. <i>Journal of Geophysical Research</i> , 2003, 108, PEM 2-1.	3.3	20
22	¹⁰ Be/ ⁷ Be tracer of atmospheric transport and stratosphere-troposphere exchange. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	67
23	Uptake of nitrate and sulfate on dust aerosols during TRACE-P. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	91
24	Chemical composition of Asian continental outflow over the western Pacific: Results from Transport and Chemical Evolution over the Pacific (TRACE-P). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	69
25	Chemical and physical properties of bulk aerosols within four sectors observed during TRACE-P. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	24
26	Airborne tunable diode laser measurements of formaldehyde during TRACE-P: Distributions and box model comparisons. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	68
27	Water-soluble nitrogen at the New Hampshire sea coast: HNO ₃ , aerosols, precipitation, and fog. <i>Journal of Geophysical Research</i> , 2000, 105, 26403-26431.	3.3	24