Carolyn E Jordan

List of Publications by Year
in descending order

27	868	471061 17	525886 27
papers	citations	h-index	g-index

52	52	52	1272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uptake of nitrate and sulfate on dust aerosols during TRACE-P. Journal of Geophysical Research, 2003, 108, .	3.3	91
2	The Koreaâ€“United States Air Quality (KORUS-AQ) field study. Elementa, 2021, 9, 1-27.	1.1	82
3	Testing fast photochemical theory during TRACE-P based on measurements of OH, HO2, and CH2O. Journal of Geophysical Research, 2004, 109, .	3.3	71
4	Chemical composition of Asian continental outflow over the western Pacific: Results from Transport and Chemical Evolution over the Pacific (TRACE-P). Journal of Geophysical Research, 2003, 108, .	3.3	69
5	Airborne tunable diode laser measurements of formaldehyde during TRACE-P: Distributions and box model comparisons. Journal of Geophysical Research, 2003, 108, .	3.3	68
6	10Be/7Be tracer of atmospheric transport and stratosphere-troposphere exchange. Journal of Geophysical Research, 2003, 108, .	3.3	67
7	Meteorology influencing springtime air quality, pollution transport, and visibility in Korea. Elementa, 2019, 7, .	1.1	62
8	Investigation of factors controlling PM2.5 variability across the South Korean Peninsula during KORUS-AQ. Elementa, 2020, 8, .	1.1	44
9	Origins of aerosol chlorine during winter over north central Colorado, USA. Journal of Geophysical Research D: Atmospheres, 2015, 120, 678-694.	1.2	30
10	High Temporal Resolution Satellite Observations of Fire Radiative Power Reveal Link Between Fire Behavior and Aerosol and Gas Emissions. Geophysical Research Letters, 2020, 47, e2020GL090707.	1.5	30
11	Sizing response of the Ultra-High Sensitivity Aerosol Spectrometer (UHSAS) and Laser Aerosol Spectrometer (LAS) to changes in submicron aerosol composition and refractive index. Atmospheric Measurement Techniques, 2021, 14, 4517-4542.	1.2	28
12	Water-soluble nitrogen at the New Hampshire sea coast: HNO3, aerosols, precipitation, and fog. Journal of Geophysical Research, 2000, 105, 26403-26431.	3.3	24
13	Chemical and physical properties of bulk aerosols within four sectors observed during TRACE-P. Journal of Geophysical Research, 2003, 108, .	3.3	24
14	The impact of local sources and longâ€range transport on aerosol properties over the northeast U.S. region during INTEXâ€NA. Journal of Geophysical Research, 2008, 113, .	3.3	23
15	Comparison of Nearâ€Surface NO₂ Pollution With Pandora Total Column NO₂ During the Koreaâ€United States Ocean Color (KORUS OC) Campaign. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13560-13575.	1.2	21
16	Airborne sampling of aerosol particles: Comparison between surface sampling at Christmas Island and P-3 sampling during PEM-Tropics B. Journal of Geophysical Research, 2003, 108, PEM 2-1.	3.3	20
17	Limitations in representation of physical processes prevent successful simulation of PM_{2.5} during KORUS-AQ. Atmospheric Chemistry and Physics, 2022, 22, 7933-7958.	1.9	17
18	Isotopic evidence for dominant secondary production of HONO in near-ground wildfire plumes. Atmospheric Chemistry and Physics, 2021, 21, 13077-13098.	1.9	16

#	Article	IF	Citations
19	Linking marine phytoplankton emissions, meteorological processes, and downwind particle properties with FLEXPART. Atmospheric Chemistry and Physics, 2021, 21, 831-851.	1.9	15
20	Spectral aerosol extinction (SpEx): a new instrument for in situ ambient aerosol extinction measurements across the UV/visible wavelength range. Atmospheric Measurement Techniques, 2015, 8, 4755-4771.	1.2	14
21	Reconciling Assumptions in Bottomâ€Up and Topâ€Down Approaches for Estimating Aerosol Emission Rates From Wildland Fires Using Observations From FIREXâ€AQ. Journal of Geophysical Research D: Atmospheres, 2021, 126, .	1.2	10
22	New in situ aerosol hyperspectral optical measurements over 300â€“700â€‰nm â€“ PartÂ1: Spectral Aerosol Extinction (SpEx) instrument field validation during the KORUS-OC cruise. Atmospheric Measurement Techniques, 2021, 14, 695-713.	1.2	6
23	Monitoring of carbon monoxide in residences with bulk wood pellet storage in the Northeast United States. Journal of the Air and Waste Management Association, 2017, 67, 1066-1079.	0.9	5
24	New in situ aerosol hyperspectral optical measurements over 300â€“700â€‰nm â€“ PartÂ2: Extinction, total absorption, water- and methanol-soluble absorption observed during the KORUS-OC cruise. Atmospheric Measurement Techniques, 2021, 14, 715-736.	1.2	5
25	Coastal Observations from a New Vantage Point. Eos, 2016, 97, .	0.1	4
26	North Atlantic Ocean SST-gradient-driven variations in aerosol and cloud evolution along Lagrangian cold-air outbreak trajectories. Atmospheric Chemistry and Physics, 2022, 22, 2795-2815.	1.9	4
27	Evidence of haze-driven secondary production of supermicrometer aerosol nitrate and sulfate in size distribution data in South Korea. Atmospheric Chemistry and Physics, 2022, 22, 7505-7522.	1.9	4