

Matthew Fraund

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

224
citations

1040056

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h-index

1125743

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21
all docs

21
docs citations

21
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Wintertime Arctic Sea Spray Aerosol Composition Controlled by Sea Ice Lead Microbiology. ACS Central Science, 2019, 5, 1760-1767.	11.3	47
2	Biological Impacts on Carbon Speciation and Morphology of Sea Spray Aerosol. ACS Earth and Space Chemistry, 2017, 1, 551-561.	2.7	36
3	Elemental Mixing State of Aerosol Particles Collected in Central Amazonia during GoAmazon2014/15. Atmosphere, 2017, 8, 173.	2.3	30
4	Capturing interfacial photoelectrochemical dynamics with picosecond time-resolved X-ray photoelectron spectroscopy. Faraday Discussions, 2014, 171, 219-241.	3.2	28
5	Chemical Imaging of Fine Mode Atmospheric Particles Collected from a Research Aircraft over Agricultural Fields. ACS Earth and Space Chemistry, 2020, 4, 2171-2184.	2.7	16
6	Quantitative capabilities of STXM to measure spatially resolved organic volume fractions of mixed organic-inorganic particles. Atmospheric Measurement Techniques, 2019, 12, 1619-1633.	3.1	14
7	Optical properties and composition of viscous organic particles found in the Southern Great Plains. Atmospheric Chemistry and Physics, 2020, 20, 11593-11606.	4.9	12
8	Solid organic-coated ammonium sulfate particles at high relative humidity in the summertime Arctic atmosphere. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2104496119.	7.1	11
9	Impact of dry intrusion events on the composition and mixing state of particles during the winter Aerosol and Cloud Experiment in the Eastern North Atlantic (ACE-ENA). Atmospheric Chemistry and Physics, 2021, 21, 18123-18146.	4.9	10
10	Micro-spectroscopic and freezing characterization of ice-nucleating particles collected in the marine boundary layer in the eastern North Atlantic. Atmospheric Chemistry and Physics, 2022, 22, 5377-5398.	4.9	10
11	Particle phase-state variability in the North Atlantic free troposphere during summertime is determined by atmospheric transport patterns and sources. Atmospheric Chemistry and Physics, 2022, 22, 9033-9057.	4.9	7
12	Real-time interfacial electron dynamics revealed through temporal correlations in x-ray photoelectron spectroscopy. Structural Dynamics, 2021, 8, 044301.	2.3	1
13	Chemical composition and morphological analysis of atmospheric particles from an intensive bonfire burning festival. Environmental Science Atmospheres, 2022, 2, 616-633.	2.4	1