

Matthew Fraund

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1040056

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1125743

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21
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21
docs citations

21
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499
citing authors

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