Julia Fuchs

List of Publications by Year
in descending order

11 papers	230 citations	1039406 9 h-index	1281420 11 g-index
23 all docs	23 docs citations	23 times ranked	349 citing authors

#	Article	IF	Citations
1	Assessment of COVID-19 effects on satellite-observed aerosol loading over China with machine learning. Tellus, Series B: Chemical and Physical Meteorology, 2022, 73, 1971925.	0.8	4
2	Meteorology-driven variability of air pollution (PM_1) revealed with explainable machine learning. Atmospheric Chemistry and Physics, 2021, 21, 3919-3948.	1.9	46
3	A New Satellite-Based Retrieval of Low-Cloud Liquid-Water Path Using Machine Learning and Meteosat SEVIRI Data. Remote Sensing, 2020, 12, 3475.	1.8	6
4	Synoptic-scale controls of fog and low-cloud variability in the Namib Desert. Atmospheric Chemistry and Physics, 2020, 20, 3415-3438.	1.9	14
5	Mapping and Understanding Patterns of Air Quality Using Satellite Data and Machine Learning. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031380.	1.2	19
6	Probing the Fog Life Cycles in the Namib Desert. Bulletin of the American Meteorological Society, 2019, 100, 2491-2507.	1.7	21
7	Building a cloud in the southeast Atlantic: understanding low-cloud controls based on satellite observations with machine learning. Atmospheric Chemistry and Physics, 2018, 18, 16537-16552.	1.9	23
8	On the Influence of Air Mass Origin on Low‐Cloud Properties in the Southeast Atlantic. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,076.	1.2	18
9	Understanding the drivers of marine liquid-water cloud occurrence and properties with global observations using neural networks. Atmospheric Chemistry and Physics, 2017, 17, 9535-9546.	1.9	43
10	Mapping the Twilight Zone—What We Are Missing between Clouds and Aerosols. Remote Sensing, 2017, 9, 577.	1.8	15
11	Where Aerosols Become Clouds—Potential for Global Analysis Based on CALIPSO Data. Remote Sensing, 2015, 7, 4178-4190.	1.8	13