

Julia Fuchs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5811411/publications.pdf>

Version: 2024-02-01

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	Meteorology-driven variability of air pollution (PM _{2.5} and PM ₁₀) revealed with explainable machine learning. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3919-3948.	1.9	46
2	Understanding the drivers of marine liquid-water cloud occurrence and properties with global observations using neural networks. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9535-9546.	1.9	43
3	Building a cloud in the southeast Atlantic: understanding low-cloud controls based on satellite observations with machine learning. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16537-16552.	1.9	23
4	Probing the Fog Life Cycles in the Namib Desert. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2491-2507.	1.7	21
5	Mapping and Understanding Patterns of Air Quality Using Satellite Data and Machine Learning. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031380.	1.2	19
6	On the Influence of Air Mass Origin on Low-Cloud Properties in the Southeast Atlantic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,076.	1.2	18
7	Mapping the Twilight Zone—What We Are Missing between Clouds and Aerosols. <i>Remote Sensing</i> , 2017, 9, 577.	1.8	15
8	Synoptic-scale controls of fog and low-cloud variability in the Namib Desert. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3415-3438.	1.9	14
9	Where Aerosols Become Clouds—Potential for Global Analysis Based on CALIPSO Data. <i>Remote Sensing</i> , 2015, 7, 4178-4190.	1.8	13
10	A New Satellite-Based Retrieval of Low-Cloud Liquid-Water Path Using Machine Learning and Meteosat SEVIRI Data. <i>Remote Sensing</i> , 2020, 12, 3475.	1.8	6
11	Assessment of COVID-19 effects on satellite-observed aerosol loading over China with machine learning. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 73, 1971925.	0.8	4