

Florian Tornow

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4150526/florian-tornow-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

37
citations

2
h-index

5
g-index

17
ext. papers

65
ext. citations

4
avg, IF

1.73
L-index

#	Paper	IF	Citations
13	The CM SAF TOA Radiation Data Record Using MVIRI and SEVIRI. <i>Remote Sensing</i> , 2017 , 9, 466	5	19
12	Assessing the quality of active+passive satellite retrievals using broad-band radiances. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015 , 141, 1294-1305	6.4	4
11	On the Use of Geophysical Parameters for the Top-of-Atmosphere Shortwave Clear-Sky Radiance-to-Flux Conversion in EarthCARE. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019 , 36, 717-732	2	2
10	Preconditioning of overcast-to-broken cloud transitions by riming in marine cold air outbreaks. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 12049-12067	6.8	2
9	On Assessing ERA5 and MERRA2 Representations of Cold-Air Outbreaks Across the Gulf Stream. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094364	4.9	2
8	Using two-stream theory to capture fluctuations of satellite-perceived TOA SW radiances reflected from clouds over ocean. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 3909-3922	4	1
7	Large-eddy simulations of marine boundary-layer clouds associated with cold air outbreaks during the ACTIVATE campaign Part 1: Case setup and sensitivities to large-scale forcings. <i>Journals of the Atmospheric Sciences</i> , 2021 ,	2.1	1
6	Changes in TOA SW Fluxes over Marine Clouds When Estimated via Semiphysical Angular Distribution Models. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021 , 38, 669-684	2	1
5	EarthCARE's Broadband Radiometer: Uncertainties Associated with Cloudy Atmospheres. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018 , 35, 2201-2211	2	1
4	Top-of-Atmosphere Shortwave Anisotropy over Liquid Clouds: Sensitivity to Clouds' Microphysical Structure and Cloud-Topped Moisture. <i>Atmosphere</i> , 2018 , 9, 256	2.7	1
3	Shortwave Radiance to Irradiance Conversion for Earth Radiation Budget Satellite Observations: A Review. <i>Remote Sensing</i> , 2021 , 13, 2640	5	1
2	An improved method to estimate reference cloud-free images for the visible band of geostationary satellites. <i>International Journal of Remote Sensing</i> , 2017 , 38, 7220-7241	3.1	
1	On the use of simulated photon paths to co-register top-of-atmosphere radiances in EarthCARE radiative closure experiments. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015 , 141, 3239-3251	6.4	