

Huan Meng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/693592/publications.pdf>

Version: 2024-02-01

24
papers

1,063
citations

759233

12
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1184
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud ice: A climate model challenge with signs and expectations of progress. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	313
2	MiRS: An All-Weather 1DVAR Satellite Data Assimilation and Retrieval System. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 3249-3272.	6.3	188
3	NOAA operational hydrological products derived from the advanced microwave sounding unit. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2005, 43, 1036-1049.	6.3	179
4	A new snowfall detection algorithm over land using measurements from the Advanced Microwave Sounding Unit (AMSU). <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	74
5	A 1DVAR-based snowfall rate retrieval algorithm for passive microwave radiometers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6520-6540.	3.3	56
6	Correcting Geolocation Errors for Microwave Instruments Aboard NOAA Satellites. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 3625-3637.	6.3	35
7	Retrieval of snow surface microwave emissivity from the advanced microwave sounding unit. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	33
8	A snowfall detection algorithm over land utilizing high-frequency passive microwave measurements Application to ATMS. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1918-1932.	3.3	33
9	Scaling analysis of space-time infiltration based on the universal multifractal model. <i>Journal of Hydrology</i> , 2006, 322, 220-235.	5.4	25
10	The Propagation of Submesoscale Coherent Vortices. <i>Journal of Physical Oceanography</i> , 1995, 25, 1745-1770.	1.7	22
11	Development and testing of a terrain-based hydrologic model for spatial Hortonian Infiltration and Runoff/On. <i>Environmental Modelling and Software</i> , 2008, 23, 794-812.	4.5	15
12	Passive microwave remote sensing of the historic February 2010 snowstorms in the Middle Atlantic region of the USA. <i>Hydrological Processes</i> , 2012, 26, 3459-3471.	2.6	14
13	NOAA satellite-derived hydrological products prove their worth. <i>Eos</i> , 2002, 83, 429.	0.1	12
14	Utilization of the AMSU high frequency measurements for improved coastal rain retrievals. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	12
15	Time-Lag Correlation Between Passive Microwave Measurements and Surface Precipitation and Its Impact on Precipitation Retrieval Evaluation. <i>Geophysical Research Letters</i> , 2019, 46, 8415-8423.	4.0	12
16	Cross-Scan Asymmetry of AMSU-A Window Channels: Characterization, Correction, and Verification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 1514-1530.	6.3	11
17	A hybrid snowfall detection method from satellite passive microwave measurements and global forecast weather models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 120-132.	2.7	8
18	Snowfall Rates from Satellite Data Help Weather Forecasters. <i>Eos</i> , 2018, 99, .	0.1	8

#	ARTICLE	IF	CITATIONS
19	Satellite tools to monitor and predict Hurricane Sandy (2012): Current and emerging products. Atmospheric Research, 2015, 166, 165-181.	4.1	6
20	Simulating hydrologic response of a pasture hillslope in North Alabama using the Hortonian Infiltration and Runoff/On model. Journal of Soils and Water Conservation, 2011, 66, 411-422.	1.6	2
21	Ground-based Assessment of Snowfall Detection over Land Using Polarimetric High Frequency Microwave Measurements. Remote Sensing, 2020, 12, 3441.	4.0	2
22	A 1DVAR-Based Snowfall Rate Algorithm for Passive Microwave Radiometers. Advances in Global Change Research, 2020, , 297-313.	1.6	2
23	Inter-Calibration of AMSU-A Window Channels. Remote Sensing, 2020, 12, 2988.	4.0	1
24	An Operational Satellite Snowfall Rate Product at NOAA. , 2020, , .		0