

S Joseph Munchak

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

602
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

638
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolution of the Goddard Profiling Algorithm to a Fully Parametric Scheme. Journal of Atmospheric and Oceanic Technology, 2015, 32, 2265-2280.	1.3	254
2	Describing the Shape of Raindrop Size Distributions Using Uncorrelated Raindrop Mass Spectrum Parameters. Journal of Applied Meteorology and Climatology, 2014, 53, 1282-1296.	1.5	86
3	Detection Thresholds of Falling Snow From Satellite-Borne Active and Passive Sensors. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4177-4189.	6.3	55
4	Evaluation of precipitation detection over various surfaces from passive microwave imagers and sounders. Atmospheric Research, 2013, 131, 81-94.	4.1	55
5	A Modular Optimal Estimation Method for Combined Radar-Radiometer Precipitation Profiling. Journal of Applied Meteorology and Climatology, 2011, 50, 433-448.	1.5	29
6	Relationships between the Raindrop Size Distribution and Properties of the Environment and Clouds Inferred from TRMM. Journal of Climate, 2012, 25, 2963-2978.	3.2	29
7	The Precipitation Imaging Package: Assessment of Microphysical and Bulk Characteristics of Snow. Atmosphere, 2020, 11, 785.	2.3	22
8	Comparison of Drop Size Distribution Parameter (D0) and Rain Rate from S-Band Dual-Polarized Ground Radar, TRMM Precipitation Radar (PR), and Combined PR-TMI: Two Events from Kwajalein Atoll. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1603-1616.	1.3	18
9	An Active-Passive Microwave Land Surface Database From GPM. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6224-6242.	6.3	18
10	Linkage among ice crystal microphysics, mesoscale dynamics, and cloud and precipitation structures revealed by collocated microwave radiometer and multifrequency radar observations. Atmospheric Chemistry and Physics, 2020, 20, 12633-12653.	4.9	13
11	Satellite view of quasi-equilibrium states in tropical convection and precipitation microphysics. Geophysical Research Letters, 2015, 42, 1959-1968.	4.0	9
12	A Consistent Treatment of Microwave Emissivity and Radar Backscatter for Retrieval of Precipitation over Water Surfaces. Journal of Atmospheric and Oceanic Technology, 2016, 33, 215-229.	1.3	9
13	Cross Validation of Rainfall Characteristics Estimated from the TRMM PR, a Combined PR-TMI Algorithm, and a C-POL Ground Radar during the Passage of Tropical Cyclone and Nontropical Cyclone Events over Darwin, Australia. Journal of Atmospheric and Oceanic Technology, 2018, 35, 2339-2358.	1.3	3
14	Raindrop Signature from Microwave Radiometer Over Deserts. Geophysical Research Letters, 2020, 47, e2020GL088656.	4.0	2
15	A radar profiling algorithm designed for use with multiresolution radiometer measurements. , 2010, , .		0