S Joseph Munchak

List of Publications by Year
in descending order

15	602	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	638
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Raindrop Signature from Microwave Radiometer Over Deserts. Geophysical Research Letters, 2020, 47, e2020GL088656.	4.0	2
2	The Precipitation Imaging Package: Assessment of Microphysical and Bulk Characteristics of Snow. Atmosphere, 2020, 11, 785.	2.3	22
3	An Activeâ€“Passive Microwave Land Surface Database From GPM. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6224-6242.	6.3	18
4	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
5	Cross Validation of Rainfall Characteristics Estimated from the TRMM PR, a Combined PRâ€“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
6	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
7	Satellite view of quasiâ€equilibrium states in tropical convection and precipitation microphysics. Geophysical Research Letters, 2015, 42, 1959-1968.	4.0	9
8	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
9	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
10	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
11	Evaluation of precipitation detection over various surfaces from passive microwave imagers and sounders. Atmospheric Research, 2013, 131, 81-94.	4.1	55
12	Comparison of Drop Size Distribution Parameter (D0) and Rain Rate from S-Band Dual-Polarized Ground Radar, TRMM Precipitation Radar (PR), and Combined PRâ€“TMI: Two Events from Kwajalein Atoll. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1603-1616.	1.3	18
13	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
14	A Modular Optimal Estimation Method for Combined Radarâ€“Radiometer Precipitation Profiling. Journal of Applied Meteorology and Climatology, 2011, 50, 433-448.	1.5	29
15	A radar profiling algorithm designed for use with multiresolution radiometer measurements. , 2010, , .		0