Jeffrey R Piepmeier

List of Publications by Year
in descending order

17	3,123	933447 10	1199594 12
papers	citations	h-index	g-index

17	17	17	2918
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave Radiometry at Frequencies From 500 to 1400 MHz: An Emerging Technology for Earth Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4894-4914.	4.9	16
2	Lessons Learned from SMAP Radiometer Pre-/Post-launch Calibration. , 2021, , .		0
3	SCoBi Multilayer: A Signals of Opportunity Reflectometry Model for Multilayer Dielectric Reflections. Remote Sensing, 2020, 12, 3480.	4.0	3
4	Detection of Radio Frequency Interference in Microwave Radiometers Operating in Shared Spectrum. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7067-7074.	6.3	2
5	Wideband Ocean Altimetry Using Ku-Band and K-Band Satellite Signals of Opportunity: Proof of Concept. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1012-1016.	3.1	11
6	Multi-Channel Correlator array-fed Microwave Radiometer. , 2019, , .		0
7	Location of Radio-Frequency Interference Sources Using the SMAP L-Band Radiometer. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6854-6866.	6.3	17
8	SMAP L-Band Microwave Radiometer: Instrument Design and First Year on Orbit. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1954-1966.	6.3	141
9	Soil Moisture Active/Passive L-Band Microwave Radiometer Postlaunch Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5339-5354.	6.3	18
10	Remote sensing of soil moisture using P-band signals of opportunity (SoOp): Initial results. , 2017, , .		25
11	SMAP L-Band Microwave Radiometer: RFI Mitigation Prelaunch Analysis and First Year On-Orbit Observations. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6035-6047.	6.3	84
12	Soil Moisture Active Passive (SMAP) microwave radiometer radio-frequency interference (RFI) mitigation: Algorithm updates and performance assessment. , 2016, , .		6
13	Wideband digital signal processing test-BED for radiometric RFI mitigation. , 2015, , .		3
14	Radio-Frequency Interference Mitigation for the Soil Moisture Active Passive Microwave Radiometer. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 761-775.	6.3	138
15	The Soil Moisture Active Passive (SMAP) Mission. Proceedings of the IEEE, 2010, 98, 704-716.	21.3	2,546
16	Microwave Radiometer Radio-Frequency Interference Detection Algorithms: A Comparative Study. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 3742-3754.	6.3	78
17	A Double Detector for RFI Mitigation in Microwave Radiometers. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 458-465.	6.3	35