

Seyedmohammad Mousavi

List of Publications by Year in descending order

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papers

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docs citations

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92
citing authors

#	ARTICLE	IF	CITATIONS
1	RFI Mitigation in Time Domain Wideband Autocorrelation Radiometry (WiBAR) Using a Comb Filter. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
2	A Novel Approach to Map the Intensity of Surface Melting on the Antarctica Ice Sheet Using SMAP L-Band Microwave Radiometry. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1724-1743.	4.9	8
3	Ice Sheet Surface and Subsurface Melt Water Discrimination Using Multi-Frequency Microwave Radiometry. Geophysical Research Letters, 2022, 49, .	4.0	5
4	A New Geophysical Model Based Algorithm to Detect Melt Events Over the Antarctic Ice Sheet Using Smap Microwave Radiometry. , 2021, , .		0
5	Evaluation of Surface Melt on the Greenland Ice Sheet Using SMAP L-Band Microwave Radiometry. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11439-11449.	4.9	11
6	Retrieval of Snow or Ice Pack Thickness Variation Within a Footprint of Correlation Radiometers. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1218-1222.	3.1	3
7	A Novel Frequency Tunable RF Comb Filter. IEEE Microwave and Wireless Components Letters, 2020, 30, 1133-1136.	3.2	3
8	Calibration of Wideband Autocorrelation Radiometer with a Comb Filter for RFI Mitigation. , 2020, , .		2
9	RFI Mitigation Using a New Comb Filter for Wideband Autocorrelation Radiometry. , 2020, , .		2
10	Error Estimation of the Measured Time Delay using Wideband Autocorrelation Radiometry. , 2020, , .		0
11	Wideband Autocorrelation Radiometry for Lake Icepack Thickness Measurement With Dry Snow Cover. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1526-1530.	3.1	3
12	Non-Destructive Dielectric Constant Measurement of Low-Loss Dielectric Slabs Using Wideband Autocorrelation Radiometry. , 2019, , .		0
13	Lake Icepack and Dry Snowpack Thickness Measurement Using Wideband Autocorrelation Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1637-1651.	6.3	22
14	Effect of the Surface Roughness of the Water and Ice Boundary on Lake Icepack Thickness Measurement Using Wideband Autocorrelation Radiometry. , 2018, , .		0
15	Wideband Autocorrelation Radiometer Receiver for Rapid Thickness Measurement of Dry Snowpack and Lake Icepack. , 2018, , .		0
16	Nasa Snowex'17 in SITU Measurements and Ground-Based Remote Sensing. , 2018, , .		1
17	Effect of a Thin DRY Snow Layer on the Lake ICE Thickness Measurement using Wideband Autocorrelation Radiometry. , 2018, , .		3
18	A first overview of SnowEx ground-based remote sensing activities during the winter 2016-2017. , 2017, , .		11

#	ARTICLE	IF	CITATIONS
19	Sampling requirements for wideband autocorrelation radiometric (WIBAR) remote sensing of dry snowpack and lake icepack. , 2017, , .		3
20	Remote sensing using coherent multipath interference of wideband planck radiation. , 2016, , .		4
21	Dry snowpack and freshwater icepack remote sensing using wideband Autocorrelation radiometry. , 2016, , .		5