

Joel Johnson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

4,289
citations

26
h-index

63
g-index

177
ext. papers

5,475
ext. citations

5.2
avg. IF

5.4
L-index

#	Paper	IF	Citations
141	The Soil Moisture Active Passive (SMAP) Mission. <i>Proceedings of the IEEE</i> , 2010 , 98, 704-716	14.3	1845
140	New Ocean Winds Satellite Mission to Probe Hurricanes and Tropical Convection. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, 385-395	6.1	183
139	A novel acceleration algorithm for the computation of scattering from rough surfaces with the forward-backward method. <i>Radio Science</i> , 1998 , 33, 1277-1287	1.4	124
138	Tests of the SMAP Combined Radar and Radiometer Algorithm Using Airborne Field Campaign Observations and Simulated Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 2018-2028	8.1	117
137	Cognitive Radar Framework for Target Detection and Tracking. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2015 , 9, 1427-1439	7.5	115
136	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 761-775	8.1	88
135	Time-Series Retrieval of Soil Moisture Using CYGNSS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 4322-4331	8.1	79
134	Numerical simulations and backscattering enhancement of electromagnetic waves from two-dimensional dielectric random rough surfaces with the sparse-matrix canonical grid method. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1997 , 14, 1515	1.8	78
133	Backscattering enhancement of electromagnetic waves from two-dimensional perfectly conducting random rough surfaces: a comparison of Monte Carlo simulations with experimental data. <i>IEEE Transactions on Antennas and Propagation</i> , 1996 , 44, 748	4.9	78
132	A study of the four-path model for scattering from an object above a half space. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 130-134	1.2	74
131	Soil Moisture Retrieval Using Time-Series Radar Observations Over Bare Surfaces. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 1853-1863	8.1	72
130	Time and Frequency Blanking for Radio-Frequency Interference Mitigation in Microwave Radiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 3672-3679	8.1	62
129	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 3742-3754	8.1	55
128	Third-order small-perturbation method for scattering from dielectric rough surfaces. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1999 , 16, 2720	1.8	53
127	SMAP L-Band Microwave Radiometer: RFI Mitigation Prelaunch Analysis and First Year On-Orbit Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 6035-6047	8.1	49
126	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 1616-1626	8.1	37
125	Examination of a simple pulse-blanking technique for radio frequency interference mitigation. <i>Radio Science</i> , 2005 , 40, n/a-n/a	1.4	37

124	A Time-Series Approach to Estimating Soil Moisture From Vegetated Surfaces Using L-Band Radar Backscatter. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 3186-3193	8.1	36
123	Radiometric Approach for Estimating Relative Changes in Intraglacier Average Temperature. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 134-143	8.1	35
122	Cognitive radar for target tracking using a software defined radar system 2015 ,		33
121	A Study of the Fourth-Order Small Perturbation Method for Scattering From Two-Layer Rough Surfaces. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 3374-3382	8.1	33
120	On the Coherency of Ocean and Land Surface Specular Scattering for GNSS-R and Signals of Opportunity Systems. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 10426-10436	8.1	32
119	A study of the higher-order small-slope approximation for scattering from a Gaussian rough surface. <i>Waves in Random and Complex Media</i> , 2003 , 13, 137-149		31
118	Physical Models of Layered Polar Firn Brightness Temperatures From 0.5 to 2 GHz. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 3681-3691	4.7	30
117	Performance Study of a Cross-Frequency Detection Algorithm for Pulsed Sinusoidal RFI in Microwave Radiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 2899-2908	8.1	27
116	Performance Study of Algorithms for Detecting Pulsed Sinusoidal Interference in Microwave Radiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 628-636	8.1	26
115	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 2300-2308	8.1	26
114	Geolocation, Calibration and Surface Resolution of CYGNSS GNSS-R Land Observations. <i>Remote Sensing</i> , 2020 , 12, 1317	5	25
113	Fully adaptive radar for target tracking part I: Single target tracking 2014 ,		25
112	A Study of the Shapiro-Wilk Test for the Detection of Pulsed Sinusoidal Radio Frequency Interference. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 1745-1751	8.1	25
111	500-2000-MHz Brightness Temperature Spectra of the Northwestern Greenland Ice Sheet. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 1485-1496	8.1	23
110	Some issues related to the novel spectral acceleration method for the fast computation of radiation/scattering from one-dimensional extremely large scale quasi-planar structures. <i>Radio Science</i> , 2002 , 37, 3-1-3-20	1.4	23
109	A Geometrical Optics Model of Three Dimensional Scattering From a Rough Layer With Two Rough Surfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 809-816	4.9	22
108	Foreword to the Special Issue on Subsurface Sensing Using Ground-Penetrating Radar (GPR). <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 2419-2421	8.1	21
107	On the Geometrical Optics (Hagfors' Law) and Physical Optics Approximations for Scattering From Exponentially Correlated Surfaces. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 2619-2629	8.1	20

106	An Algorithm for Detecting Coherence in Cyclone Global Navigation Satellite System Mission Level-1 Delay-Doppler Maps. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 4454-4463	8.1	20
105	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2545-2556	4.9	18
104	Fully adaptive radar for target tracking part II: Target detection and track initiation 2014 ,		18
103	A Study of SMOS RFI Over North America. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013 , 10, 515-519	4.1	18
102	Scattering of electromagnetic waves from 3D multilayer random rough surfaces based on the second-order small perturbation method: energy conservation, reflectivity, and emissivity. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2017 , 34, 395-409	1.8	18
101	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 5923-5935	8.1	18
100	Band-Limited Exponential Correlation Function for Rough-Surface Scattering. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 1198-1206	8.1	17
99	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2014 , 50, 1569-1577	3.7	16
98	A Study of Sea Surface Range-Resolved Doppler Spectra Using Numerically Simulated Low-Grazing-Angle Backscatter Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 3452-3460	8.1 ¹⁵	15
97	A Comparative Analysis of Low-Level Radio Frequency Interference in SMOS and Aquarius Microwave Radiometer Measurements. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 4983-4992	8.1	15
96	Spectrum sharing between communications and ATC radar systems. <i>IET Radar, Sonar and Navigation</i> , 2017 , 11, 994-1001	1.4	15
95	A Simulation Study of Compact Polarimetry for Radar Retrieval of Soil Moisture. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 5966-5973	8.1	13
94	Inland Water Body Mapping Using CYGNSS Coherence Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 7385-7394	8.1	13
93	Software-defined radar for MIMO and adaptive waveform applications 2010 ,		12
92	3-D Electromagnetic Scattering From Multilayer Dielectric Media With 2-D Random Rough Interfaces Using \mathcal{S} -Matrix Approach. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 495-503	4.9	12
91	Experiments with cognitive radar 2015 ,		11
90	Numerical studies of backscattering enhancement of electromagnetic waves from two-dimensional random rough surfaces with the forward-backward/novel spectral acceleration method. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2001 , 18, 2518-26	1.8	11
89	Brief communication: Mapping Greenland's perennial firn aquifers using enhanced-resolution L-band brightness temperature image time series. <i>Cryosphere</i> , 2020 , 14, 2809-2817	5.5	11

88	Detection of Inland Open Water Surfaces Using Dual Polarization L-Band Radar for the Soil Moisture Active Passive Mission. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 3388-3399	8.1	11
87	A Geometrical Optics Model of Three Dimensional Scattering From a Rough Surface Over a Planar Surface. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 546-554	4.9	10
86	Using Rapid Revisit CYGNSS Wind Speed Measurements to Detect Convective Activity. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 98-106	4.7	9
85	Modeling and simulation for multistatic coherent MIMO radar 2013 ,		9
84	Extension of the local curvature approximation to third order and improved tilt invariance. <i>Waves in Random and Complex Media</i> , 2006 , 16, 97-119	1.9	9
83	Sentinel-1 soil moisture at 1km resolution: a validation study. <i>Remote Sensing of Environment</i> , 2021 , 263, 112554	13.2	9
82	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-12	8.1	9
81	The CubeSat Radiometer Radio Frequency Interference Technology Validation (CubeRRT) mission 2016 ,		8
80	Remote Sensing of Sea Ice Thickness and Salinity With 0.52 GHz Microwave Radiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 8672-8684	8.1	8
79	A Study of Wind Direction Effects on Sea Surface Specular Scattering for GNSS-R Applications. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 4677-4685	4.7	8
78	Through-Wall Sensing With Multifrequency Microwave Radiometry: A Proof-of-Concept Demonstration. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 1281-1288	8.1	8
77	Studies of radio frequency interference in SMOS observations 2011 ,		8
76	Software defined radar studies of human motion signatures 2012 ,		8
75	Two families of non-local scattering models and the weighted curvature approximation. <i>Waves in Random and Complex Media</i> , 2004 , 14, 563-580		8
74	Track-Based Cyclone Maximum Wind Retrievals Using the Cyclone Global Navigation Satellite System (CYGNSS) Mission Full DDMs. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 21-29	4.7	8
73	Development of an On-Board Wide-Band Processor for Radio Frequency Interference Detection and Filtering. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 3191-3203	8.1	7
72	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 6308-6314	8.1	7
71	Assessing the potential for spectrum sharing between communications and radar systems in the L-band portion of the RF spectrum allocated to radar 2014 ,		7

70	A Numerical Method for Studying Modulation Effects in Radar Observations of the Sea Surface. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 3632-3636	8.1	7
69	Computation of Oceanlike Surface Thermal Emission and Bistatic Scattering With the Reduced Local Curvature Approximation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 2108-2115	8.1	7
68	The forwardBackward method with a novel spectral acceleration algorithm (FB/NSA) for the computation of scattering from two-dimensional large-scale impedance random rough surfaces. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 232-236	1.2	7
67	Microwave Thermal Emission Characteristics of a Two-Layer Medium With Rough Interfaces Using the Second-Order Small Perturbation Method. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 1780-1784	4.1	6
66	On the Estimation of Wind Speed Diurnal Cycles Using Simulated Measurements of CYGNSS and ASCAT. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 168-172	4.1	6
65	Real-Time Detection and Filtering of Radio Frequency Interference Onboard a Spaceborne Microwave Radiometer: The CubeRRT Mission. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 1610-1624	4.7	6
64	Location of Radio-Frequency Interference Sources Using the SMAP L-Band Radiometer. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 6854-6866	8.1	6
63	High power coherent-on-receive radar for marine surveillance 2013 ,		6
62	Fourth-Order Small-Slope Theory of Sea-Surface Brightness Temperatures. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 175-186	8.1	6
61	A study of microwave thermal emission from a subsurface object. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 9-12	1.2	6
60	The Ultra-wideband Software-Defined Radiometer (UWBRAD) for ice sheet internal temperature sensing: Results from recent observations 2016 ,		6
59	Microwave Radiometry at Frequencies From 500 to 1400 MHz: An Emerging Technology for Earth Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 4894-4914	4.7	6
58	Soil Moisture Active Passive (SMAP) microwave radiometer radio-frequency interference (RFI) mitigation: Algorithm updates and performance assessment 2016 ,		5
57	On the Amplitude Distributions of Bistatic Scattered Fields From Rough Surfaces. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 6883-6892	8.1	5
56	Including Spatial Correlations in the Statistical MIMO Radar Target Model. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 575-578	3.2	5
55	A Monte Carlo Study of Altimeter Pulse Returns and the Electromagnetic Bias. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 3218-3224	8.1	5
54	Surface currents induced on a dielectric half-space by a Gaussian beam: An extended validation for point matching method of moment codes. <i>Radio Science</i> , 1997 , 32, 923-934	1.4	5
53	Radar image studies of an ocean-like surface. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 381-384		5

52	Characterizing Background Signals and Noise in Spaceborne GNSS Reflection Ocean Observations. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 587-591	4.1	5
51	Cryorad: A Low Frequency Wideband Radiometer Mission for the Study of the Cryosphere 2018 ,		5
50	On the detection of RFI using the complex signal kurtosis in microwave radiometry 2014 ,		4
49	An intercomparison of models for predicting bistatic scattering from rough surfaces 2015 ,		4
48	The monostatic-bistatic equivalence theorem and bistatic radar clutter 2014 ,		4
47	A Physically-Based Preconditioner for Quasi-Planar Scattering Problems. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2421-2426	4.9	4
46	Computer Simulations of Rough Surface Scattering. <i>Nanostructure Science and Technology</i> , 2007 , 181-210.	4.9	4
45	Matched Filter Cyclone Maximum Wind Retrievals Using CYGNSS: Progress Update and Error Analysis. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 3594-3601	4.7	4
44	6 GHz to 40 GHz CubeSat Radiometer Antenna System. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3410-3415	4.9	3
43	Waveform-diverse MIMO imaging radar target measurements 2014 ,		3
42	Fully polarimetric scattering from random rough layers under the geometric optics approximation: Geoscience applications. <i>Radio Science</i> , 2011 , 46, n/a-n/a	1.4	3
41	A Study of Interferometric Phase Statistics and Accuracy for Sea Surface Height Retrievals from Numerically Simulated Low-Grazing-Angle Backscatter Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011 , 49, 4580-4587	8.1	3
40	Joint analysis of radio frequency interference from SMOS measurements and from airborne observations 2011 ,		3
39	Airborne L-band RFI observations in the smapvex08 campaign with the L-band interference suppressing radiometer 2009 ,		3
38	Evaluation of Surface Melt on the Greenland Ice Sheet Using SMAP L-Band Microwave Radiometry. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 1-1	4.7	3
37	A study of the electromagnetic bias for GNSS-R ocean altimetry using the choppy wave model. <i>Waves in Random and Complex Media</i> , 2016 , 26, 599-612	1.9	3
36	Electromagnetic Scattering and Emission From Large Rough Surfaces With Multiple Elevations Using the MLSD-SMCG Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 5393-5406	8.1	3
35	500-2000-MHz Airborne Brightness Temperature Measurements Over the East Antarctic Plateau. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	3

34	Measurements of 0.5-2 GHz Thermal Emission Spectra from the Greenland Ice Sheet, Sea Ice, and Permafrost: Results from September 2017 Campaign 2018 ,		3
33	A 60 GHz CubeSAT antenna system 2017 ,		2
32	Testing the feasibility of a bayesian retrieval of greenland ice sheet internal temperature from ultra-wideband software-defined microwave radiometer (UWBRAD) measurements 2016 ,		2
31	Measurements and simulations of multi-frequency human radar signatures 2012 ,		2
30	A Study of Algorithms for Detecting Pulsed Sinusoidal Interference in Microwave Radiometry 2008 ,		2
29	Studies of TDS-1 GNSS-R ocean altimetry using a full DDM retrieval approach 2016 ,		2
28	Modeling polarimetric sea surface specular scattering for GNSS-R applications 2016 ,		2
27	Conical log spiral antenna development for the UWBRAD ice sheet internal temperature sensing 2016 ,		2
26	Mapping the Dynamics of the South Asian Monsoon Using CYGNSS's Level-1 Signal Coherency. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 1111-1119	4-7	2
25	Properties of the RFI Environment at 1400-1427 MHz as Observed by the Soil Moisture Active/Passive Mission Microwave Radiometer. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 7259-7267	4-7	2
24	Diurnal Variations in Ocean Wind Speeds Measured by CYGNSS and Other Satellites. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4-1	2
23	Using 0.5-2 ghz Microwave Radiometry to Derive Ocean Salinity 2018 ,		2
22	GNSS-R Time-Series Soil Moisture Retrievals from Vegetated Surfaces 2018 ,		2
21	A Partially Coherent Approach for Modeling Polar Ice Sheet 0.5-GHz Thermal Emission. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 8062-8072	8.1	2
20	Measurements of 540-1740 MHz Brightness Temperatures of Sea Ice During the Winter of the MOSAiC Campaign. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-11	8.1	2
19	Analysis of ice-sheet temperature profiles from low-frequency airborne remote sensing. <i>Journal of Glaciology</i> , 1-11	3-4	2
18	Bistatic coherent MIMO clutter rank analysis 2015 ,		1
17	Extension of the geometric optics approximation to the scattering from rough layers 2010 ,		1

16	Compensation of Faraday Rotation in Multi-Polarization Scatterometry 2008 ,		1
15	A Comparison of Nonlinear Water Wave Models. <i>International Journal of Computational Fluid Dynamics</i> , 2003 , 17, 219-224	1.2	1
14	Significant Wave Height and Bistatic Doppler Signals of Microwave Scattering From the Ocean Surface: With Emphasis on the Swell Factor. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-12	8.1	1
13	Scattering and Emission of Electromagnetic Waves From Random Layered Media With Random Rough Interfaces: A Partially Coherent Cascading Approach. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 3094-3102	4.9	1
12	Soil Moisture Retrievals Using CYGNSS Data in a Time-Series Ratio Method: Progress Update and Error Analysis. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	1
11	Properties of the 500-2000-MHz RFI Environment Observed in High-Latitude Airborne Radiometer Measurements. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-11	8.1	1
10	2018 ,		1
9	Fully Adaptive Remote Sensing Observing System Simulation Experiments 2018 ,		1
8	Studies of a Rapid Change Detector Using CYGNSS Level-2 Wind Speed Products. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 7931-7937	4.7	1
7	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	0
6	A Simulation Study of Significant Wave Height Retrieval From Bistatic Scattering of Signals of Opportunity. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	0
5	Multi-task tracking and classification with an adaptive radar. <i>IET Radar, Sonar and Navigation</i> , 2022 , 16, 692-703	1.4	0
4	Studies of Sea-Ice Thickness and Salinity Retrieval Using 0.5-2 GHz Microwave Radiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	0
3	Foreword to the Special Issue on the 2017 IEEE International Geoscience and Remote Sensing Symposium. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 1755-1757	4.7	
2	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 2359-2369	3.7	
1	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	