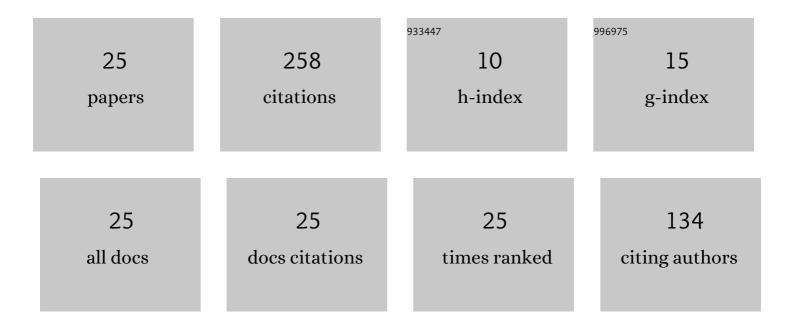


List of Publications by Year in descending order

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FEI HU

#	Article	IF	CITATIONS
1	Polarization-based material classification technique using passive millimeter-wave polarimetric imagery. Applied Optics, 2016, 55, 8690.	2.1	34
2	Low-Redundancy Large Linear Arrays Synthesis forÂAperture Synthesis Radiometers Using Particle Swarm Optimization. IEEE Transactions on Antennas and Propagation, 2016, 64, 2179-2188.	5.1	27
3	High-Resolution RFI Localization Using Covariance Matrix Augmentation in Synthetic Aperture Interferometric Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1186-1198.	6.3	25
4	Multi-polarization passive millimeter-wave imager and outdoor scene imaging analysis for remote sensing applications. Optics Express, 2018, 26, 20145.	3.4	21
5	Double Difference Bases and Thinned Arrays With Twofold Redundancy. IEEE Transactions on Antennas and Propagation, 2017, 65, 7366-7371.	5.1	17
6	Super-resolution RFI localization with compressive sensing in synthetic aperture interferometric radiometers. , 2015, , .		13
7	RFI Mitigation in Aperture Synthesis Radiometers Using a Modified CLEAN Algorithm. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 13-17.	3.1	13
8	Radiometric Sensitivity and Angular Resolution Optimization of Thinned Linear Arrays in Microwave Interferometric Radiometry. IEEE Transactions on Antennas and Propagation, 2019, 67, 568-573.	5.1	13
9	Material Clustering Using Passive Millimeter-Wave Polarimetric Imagery. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	12
10	Low-redundancy linear arrays in mirrored interferometric aperture synthesis. Optics Letters, 2016, 41, 368.	3.3	11
11	An Imaging Method With Array Factor Synthesis in Synthetic Aperture Interferometric Radiometers. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 87-91.	3.1	10
12	A Novel Optimal Design of Antenna Array in Aperture Synthesis Radiometers. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1227-1230.	4.0	9
13	C-curve feature of complex permittivity estimation based on multi-polarization measurements in passive millimeter-wave sensing. Optics Letters, 2019, 44, 3765.	3.3	8
14	Surface Normal Vector Estimation From Passive Millimeter-Wave Polarimetric Imaging. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4554-4562.	4.9	6
15	Detection for ship by dual-polarization imaging radiometer. Optics Express, 2021, 29, 27830.	3.4	6
16	A Near-Field Imaging Algorithm Based on Angular Spectrum Theory for Synthetic Aperture Interferometric Radiometer. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3606-3616.	4.6	6
17	SMOS RFI mitigation using array factor synthesis of synthetic aperture interferometric radiometry. , 2016, , .		5
18	Channel Compressive Aperture Synthesis. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1027-1031.	3.1	5

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#	Article	IF	CITATIONS
19	Synthesis of thinned planar arrays with twoâ€fold redundancy for microwave interferometric radiometers. Electronics Letters, 2018, 54, 426-428.	1.0	4
20	Complex Permittivity Estimation From Millimeter-Wave Radiometry. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1254-1258.	3.1	4
21	Synthesis of Large Alias-Free Field-of-View Linear Arrays for Synthetic Aperture Interferometric Radiometers. IEEE Transactions on Antennas and Propagation, 2020, 68, 7916-7926.	5.1	3
22	Information extraction from polarized MMW radiation based on the weak correlation between emission and reflection. Optical Materials Express, 2021, 11, 2059.	3.0	3
23	RFI Localization via Reweighted Nuclear Norm Minimization in Microwave Interferometric Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	2
24	A Wavenumber Domain Imaging Algorithm for Synthetic Aperture Interferometric Radiometry in Near-Field. , 2020, , .		1
25	Artifact-Free RFI Localization Based on Spatial Smoothing Music in Synthetic Aperture Interferometric Radiometers. , 2020, , .		0