

# Fei Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8916518/publications.pdf>

Version: 2024-02-01

25  
papers

258  
citations

933447

10  
h-index

996975

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Complex Permittivity Estimation From Millimeter-Wave Radiometry. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1254-1258.	3.1	4
4	Information extraction from polarized MMW radiation based on the weak correlation between emission and reflection. Optical Materials Express, 2021, 11, 2059.	3.0	3
5	Detection for ship by dual-polarization imaging radiometer. Optics Express, 2021, 29, 27830.	3.4	6
6	Channel Compressive Aperture Synthesis. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1027-1031.	3.1	5
7	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
8	Artifact-Free RFI Localization Based on Spatial Smoothing MUSIC in Synthetic Aperture Interferometric Radiometers. , 2020, , .		0
9	A Wavenumber Domain Imaging Algorithm for Synthetic Aperture Interferometric Radiometry in Near-Field. , 2020, , .		1
10	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
11	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
12	Material Clustering Using Passive Millimeter-Wave Polarimetric Imagery. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	12
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	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
15	Synthesis of thinned planar arrays with two-fold redundancy for microwave interferometric radiometers. Electronics Letters, 2018, 54, 426-428.	1.0	4
16	Multi-polarization passive millimeter-wave imager and outdoor scene imaging analysis for remote sensing applications. Optics Express, 2018, 26, 20145.	3.4	21
17	RFI Mitigation in Aperture Synthesis Radiometers Using a Modified CLEAN Algorithm. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 13-17.	3.1	13
18	Double Difference Bases and Thinned Arrays With Twofold Redundancy. IEEE Transactions on Antennas and Propagation, 2017, 65, 7366-7371.	5.1	17

#	ARTICLE	IF	CITATIONS
19	Polarization-based material classification technique using passive millimeter-wave polarimetric imagery. Applied Optics, 2016, 55, 8690.	2.1	34
20	Low-Redundancy Large Linear Arrays Synthesis for Aperture Synthesis Radiometers Using Particle Swarm Optimization. IEEE Transactions on Antennas and Propagation, 2016, 64, 2179-2188.	5.1	27
21	SMOS RFI mitigation using array factor synthesis of synthetic aperture interferometric radiometry. , 2016, , .		5
22	Low-redundancy linear arrays in mirrored interferometric aperture synthesis. Optics Letters, 2016, 41, 368.	3.3	11
23	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
24	Super-resolution RFI localization with compressive sensing in synthetic aperture interferometric radiometers. , 2015, , .		13
25	A Novel Optimal Design of Antenna Array in Aperture Synthesis Radiometers. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1227-1230.	4.0	9