

Hai-Han Sun

List of Publications by Year in descending order

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287
citing authors

#	ARTICLE	IF	CITATIONS
1	The Orientation Estimation of Elongated Underground Objects via Multipolarization Aggregation and Selection Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	11
2	Estimating Parameters of the Tree Root in Heterogeneous Soil Environments via Mask-Guided Multi-Polarimetric Integration Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	4
3	DMRF-UNet: A Two-Stage Deep Learning Scheme for GPR Data Inversion Under Heterogeneous Soil Conditions. IEEE Transactions on Antennas and Propagation, 2022, 70, 6313-6328.	5.1	14
4	Learning to Remove Clutter in Real-World GPR Images Using Hybrid Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	22
5	Underwater Image Enhancement via Minimal Color Loss and Locally Adaptive Contrast Enhancement. IEEE Transactions on Image Processing, 2022, 31, 3997-4010.	9.8	179
6	A Deep Learning-Based GPR Forward Solver for Predicting B-Scans of Subsurface Objects. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
7	Dual-Cross-Polarized GPR Measurement Method for Detection and Orientation Estimation of Shallowly Buried Elongated Object. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	9
8	Compact Dual-Polarized Vivaldi Antenna with High Gain and High Polarization Purity for GPR Applications. Sensors, 2021, 21, 503.	3.8	17
9	Spiral Choking Method for Scattering Suppression in 4G and 5G Base Station Antenna Arrays. , 2021, , .		0
10	Dual-Band Base Station Antenna Array with Suppressed Cross-Band Mutual Scattering. , 2021, , .		1
11	Elongated Object Orientation Estimation Based on Deep Neural Networks. , 2021, , .		0
12	Achieving Wider Bandwidth With Full-Wavelength Dipoles for 5G Base Stations. IEEE Transactions on Antennas and Propagation, 2020, 68, 1119-1127.	5.1	36
13	Dual-Polarized Multi-Resonance Antennas With Broad Bandwidths and Compact Sizes for Base Station Applications. IEEE Open Journal of Antennas and Propagation, 2020, 1, 11-19.	3.7	34
14	Scattering Suppression in a 4G and 5G Base Station Antenna Array Using Spiral Chokes. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1818-1822.	4.0	61
15	Achieving Wider Impedance Bandwidth Using FullWavelength Dipoles. , 2020, , .		0
16	Suppression of Cross-Band Scattering in Interleaved Dual-Band Cellular Base-Station Antenna Arrays. IEEE Access, 2020, 8, 222486-222495.	4.2	35
17	Suppression of Cross-Band Scattering in Multiband Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 2379-2389.	5.1	109
18	Enabling the Co-Existence of Multiband Antenna Arrays. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Wideband Dual-Polarized Multiple Beam-Forming Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 1590-1604.	5.1	47
20	Cross-Band Scattering Suppression for MultiBand Base Station Antenna Arrays. , 2019, , .		2
21	Wideband Planarized Dual-Linearly-Polarized Dipole Antenna and Its Integration for Dual-Circularly-Polarized Radiation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2289-2293.	4.0	27
22	A Dual Layered Loop Array Antenna for Base Stations With Enhanced Cross-Polarization Discrimination. IEEE Transactions on Antennas and Propagation, 2018, 66, 6975-6985.	5.1	30
23	A base station antenna element with simple structure but excellent performance. , 2018, , .		9
24	A Wideband Base Station Antenna Element With Stable Radiation Pattern and Reduced Beam Squint. IEEE Access, 2017, 5, 23022-23031.	4.2	41
25	Simplified Tightly-Coupled Cross-Dipole Arrangement for Base Station Applications. IEEE Access, 2017, 5, 27491-27503.	4.2	36
26	Improved finiteâ€range gain formula for openâ€ended rectangular waveguides and pyramidal horns. IET Microwaves, Antennas and Propagation, 2017, 11, 2054-2058.	1.4	6