

Tao Mingliang

List of Publications by Year in descending order

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papers

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docs citations

53
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	A Large Scene Deceptive Jamming Method for Space-Borne SAR. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4486-4495.	6.3	114
2	Mitigation of Radio Frequency Interference in Synthetic Aperture Radar Data: Current Status and Future Trends. Remote Sensing, 2019, 11, 2438.	4.0	88
3	Narrow-Band Interference Suppression for SAR Based on Independent Component Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4952-4960.	6.3	76
4	Wideband Interference Mitigation in High-Resolution Airborne Synthetic Aperture Radar Data. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 74-87.	6.3	73
5	Narrow-Band Interference Suppression via RPCA-Based Signal Separation in Time-Frequency Domain. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 5016-5025.	4.9	67
6	Tensorial Independent Component Analysis-Based Feature Extraction for Polarimetric SAR Data Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2481-2495.	6.3	66
7	Interference Mitigation for Synthetic Aperture Radar Based on Deep Residual Network. Remote Sensing, 2019, 11, 1654.	4.0	52
8	Narrow-Band Interference Mitigation for SAR Using Independent Subspace Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5289-5301.	6.3	51
9	Improved method for synthetic aperture radar scattered wave deception jamming. IET Radar, Sonar and Navigation, 2014, 8, 971-976.	1.8	48
10	Research on Methods for Narrow-Band Interference Suppression in Synthetic Aperture Radar Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3476-3485.	4.9	45
11	Cross-range scaling method of inverse synthetic aperture radar image based on discrete polynomial-phase transform. IET Radar, Sonar and Navigation, 2015, 9, 333-341.	1.8	42
12	Multi-Beam Directional Modulation Synthesis Scheme Based on Frequency Diverse Array. IEEE Transactions on Information Forensics and Security, 2019, 14, 2593-2606.	6.9	34
13	Ship Detection Using Deep Convolutional Neural Networks for PolSAR Images. Remote Sensing, 2019, 11, 2862.	4.0	34
14	Automatic Modulation Recognition Based on Adaptive Attention Mechanism and ResNeXt WSL Model. IEEE Communications Letters, 2021, 25, 2953-2957.	4.1	29
15	On the Mutual Interference Between Spaceborne SARs: Modeling, Characterization, and Mitigation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8470-8485.	6.3	26
16	An Automatic Ship Detection Method for PolSAR Data Based on K-Wishart Distribution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2725-2737.	4.9	25
17	Deception jamming method based on micro-Doppler effect for vehicle target. IET Radar, Sonar and Navigation, 2016, 10, 1071-1079.	1.8	24
18	Weak Target Detection Based on Joint Fractal Characteristics of Autoregressive Spectrum in Sea Clutter Background. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1824-1828.	3.1	22

#	ARTICLE	IF	CITATIONS
19	Time-Varying SAR Interference Suppression Based on Delay-Doppler Iterative Decomposition Algorithm. Remote Sensing, 2018, 10, 1491.	4.0	19
20	The Circular Polarization Diversity Antennas Achieved by a Fractal Defected Ground Structure. IEEE Access, 2019, 7, 92030-92036.	4.2	19
21	Multi-Beam Index Modulation With Cooperative Legitimate Users Schemes Based on Frequency Diverse Array. IEEE Transactions on Vehicular Technology, 2020, 69, 11028-11041.	6.3	19
22	Ship Detection Based on Deep Convolutional Neural Networks for PolSAR Images. , 2018, , .		11
23	A Radio Signal Recognition Approach Based on Complex-Valued CNN and Self-Attention Mechanism. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1358-1373.	7.9	10
24	Characterization and Mitigation of Radio Frequency Interference in PolSAR Data. Radio Science, 2017, 52, 1405-1418.	1.6	7
25	Extraction and Mitigation of Radio Frequency Interference Artifacts Based on Time-Series Sentinel-1 SAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	7
26	A new method for SAR radio frequency interference mitigation based on maximum a posterior estimation. , 2017, , .		6
27	Weak target detection based on whole-scale Hurst exponent of autoregressive spectrum in sea clutter background. , 2020, 101, 102714.		6
28	Analysis of goodness-of-fit method based on local property of statistical model for airborne sea clutter data. , 2020, 99, 102653.		6
29	Attention Mechanism Based ResNeXt Network for Automatic Modulation Classification. , 2021, , .		5
30	Radio Frequency Interference Signature Detection in Radar Remote Sensing Image Using Semantic Cognition Enhancement Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	5
31	System parameter optimisation for moving target detection and imaging in multi-band synthetic aperture radar based on genetic algorithm. IET Radar, Sonar and Navigation, 2016, 10, 146-154.	1.8	4
32	Radio Frequency Interference Detection for SAR Data Using Spectrogram-Based Semantic Network. , 2021, , .		4
33	Extraction and Analysis of RFI Signatures via Deep Convolutional RPCA. , 2021, , .		4
34	Multifractal Correlation Analysis of Autoregressive Spectrum-Based Feature Learning for Target Detection Within Sea Clutter. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	4
35	Characterization and Removal of RFI Artifacts in Radar Data via Model-Constrained Deep Learning Approach. Remote Sensing, 2022, 14, 1578.	4.0	4
36	Characterization of Terrain Scattered Interference from Space-Borne Active Sensor: A Case Study in Sentinel-1 Image. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Interference Mitigation for Synthetic Aperture Radar Data using Tensor Representation and Low-Rank Approximation. , 2020, , .		3
38	Weak Target Detection based on Deep Neural Network under Sea Clutter Background. , 2020, , .		3
39	Wideband interference mitigation for synthetic aperture radar based on the variational Bayesian method. Signal Processing, 2022, 198, 108581.	3.7	3
40	Suppression of narrow-band interference in SAR data. , 2014, , .		2
41	Feature extraction for PolSAR image classification using multilinear subspace learning. , 2017, , .		2
42	Beam-Doppler Unitary ESPRIT for Multitarget DOA Estimation. International Journal of Antennas and Propagation, 2018, 2018, 1-10.	1.2	2
43	Joint Resource Allocation for Multiuser Opportunistic Beamforming Systems with OFDM-NOMA. Entropy, 2021, 23, 809.	2.2	2
44	Tensor based dimension reduction for polarimetric SAR data. , 2014, , .		1
45	Interference Suppression for SAR Base on Ambiguity Function Iteration Decomposition. , 2018, , .		1
46	A Defected Ground Structure for Circularly Polarized (CP) Microstrip Antenna Design. , 2019, , .		1
47	Adversarial Deception on Deep-Learning Based Radio Waveforms Classification. , 2021, , .		1
48	Wideband Interference Suppression for SAR by Time-Frequency-Pulse Joint Domain Processing. , 2020, , .		1
49	Parameter Estimation for Sea Clutter Pareto Distribution Model Based on Variable Interval. Remote Sensing, 2022, 14, 2326.	4.0	1
50	Narrow-band interference suppression techniques for synthetic aperture radar. , 2014, , .		0
51	A Novel Sea Clutter Suppression Method based on Neural Network. , 2021, , .		0
52	Joint User Scheduling, Relay Selection, and Power Allocation for Multi-Antenna Opportunistic Beamforming Systems. Entropy, 2021, 23, 1278.	2.2	0
53	Effects of Interference on Synthetic Aperture Radar Measurements: An Illustrative Example. , 2020, , .		0