Bing Sun

List of Publications by Year
in descending order

40 papers	293 citations	1040056 9 h-index	940533 16 g-index
40 all docs	40 docs citations	40 times ranked	330 citing authors

#	ARTICLE	IF	CITATIONS
1	Weakly Contrastive Learning via Batch Instance Discrimination and Feature Clustering for Small Sample SAR ATR. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	10
2	A Parameter-Adjusting Autoregistration Imaging Algorithm for Video Synthetic Aperture Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	3
3	Generalized BP-InSAR Processing With High-Squint Geometry. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
4	Multiple RFI Sources Location Method Combining Two-Dimensional ESPRIT DOA Estimation and Particle Swarm Optimization for Spaceborne SAR. Remote Sensing, 2021, 13, 1207.	4.0	5
5	MFFA-SARNET: Deep Transferred Multi-Level Feature Fusion Attention Network with Dual Optimized Loss for Small-Sample SAR ATR. Remote Sensing, 2020, 12, 1385.	4.0	15
6	TAI-SARNET: Deep Transferred Atrous-Inception CNN for Small Samples SAR ATR. Sensors, 2020, 20, 1724.	3.8	23
7	Ship Detection in Radar Image Series Based on the Long Short-Term Memory Network. , 2020, , .		0
8	ISAR Imaging of Space Station based on Ephemeris Data Error Compensation. , 2020, , .		0
9	Hybrid Algorithm based on Newton Iteration and Least Square Method for Sound Source Positioning. , 2020, , .		1
10	A New Track Initiation Algorithm Based on Hierarchical Clustering And Correlation Coefficient. , 2020, , .		1
11	Robust SAR Automatic Target Recognition Based on Transferred MS-CNN with L^2-Regularization. Computational Intelligence and Neuroscience, 2019, 2019, 1-13.	1.7	12
12	Wrapped Interferometric Phase Registration Based Positioning Method. , 2019, , .		0
13	SAR image synthesis based on conditional generative adversarial networks. Journal of Engineering, 2019, 2019, 8093-8097.	1.1	5
14	Tropical Natural Forest Classification Using Time-Series Sentinel-1 and Landsat-8 Images in Hainan Island. , 2019, , .		4
15	The P-band SAR Satellite: Opportunities and Challenges. , 2019, , .		2
16	Single RFI Localization Based on Conjugate Cross-Correlation of Dual-Channel Sar Signals. , 2019, , .		1
17	Analysis of the Impact of Google Maps' Level on Object Detection. , 2019, , .		0
18	Sensor placement optimization in the artificial lateral line using optimal weight analysis combining feature distance and variance evaluation. ISA Transactions, 2019, 86, 110-121.	5.7	17

#	ARTICLE	IF	CITATIONS
19	SAR ATR with full‑angle data augmentation and feature polymerisation. Journal of Engineering, 2019, 2019, 6226-6230.	1.1	2
20	A New Synthetic Aperture Radar (SAR) Imaging Method Combining Match Filter Imaging and Image Edge Enhancement. Sensors, 2018, 18, 4133.	3.8	3
21	Multiclass Radio Frequency Interference Detection and Suppression for SAR Based on the Single Shot MultiBox Detector. Sensors, 2018, 18, 4034.	3.8	25
22	The Influence of Sar Image Quantization Method on Detection Precision. , 2018, , .		0
23	Two Dimensional Image Formation of Interrupted FMCW SAR Through Spectral Analysis. , 2018, , .		1
24	Multi-Channnel and Mimo Sar Anti-Jamming Analysis. , 2018, , .		6
25	High-Performance Anti-Retransmission Deception Jamming Utilizing Range Direction Multiple Input and Multiple Output (MIMO) Synthetic Aperture Radar (SAR). Sensors, 2017, 17, 123.	3.8	10
26	A Novel Azimuth Super-Resolution Method by Synthesizing Azimuth Bandwidth of Multiple Tracks of Airborne Stripmap SAR Data. Sensors, 2016, 16, 869.	3.8	4
27	Imaging characteristics of corner reflector under multi-azimuth angles. , 2016, , .		0
28	Analysis of the effect of sparsity on the performance of SAR imaging based on CS theory. , 2016, , .		1
29	Spaceborne stripmap range sweep SAR: positive terrain tracking by continuous beam scanning in elevation. Remote Sensing Letters, 2016, 7, 1014-1022.	1.4	10
30	Deceptive jamming suppression for SAR based on time-varying initial phase. , 2016, , .		17
31	A modified back-projection algorithm for imaging Geo-referenced SAR data. , 2015, , .		0
32	Resolution analysis of sector scan GB-SAR for wide landslides monitoring. , 2015, , .		1
33	Image formation method for spaceborne video SAR. , 2015, , .		14
34	Signal model based on Maxwell's equations. , 2014, , .		0
35	Gait Characteristic Analysis and Identification Based on the iPhone's Accelerometer and Gyrometer. Sensors, 2014, 14, 17037-17054.	3.8	54
36	Airborne geographically referenced stripmap SAR data processing. , 2014, , .		0

#	Article	IF	Citations
37	A Parameter-Adjusting Polar Format Algorithm for Extremely High Squint SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 640-650.	6.3	42
38	Extraction of building height based on modified double scattering model from single SAR image. , 2013, , .		0
39	A new trajectory-based Polar Format Algorithm for bistatic SAR. , 2012, , .		3
40	Cross-range resolution of synthetic aperture radar based on diving model. Journal of Electronics, 2011, 28, 71-76.	0.2	0