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	Gait Characteristic Analysis and Identification Based on the iPhone's Accelerometer and Gyrometer. Sensors, 2014, 14, 17037-17054.	3.8	54
2	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
3	Multiclass Radio Frequency Interference Detection and Suppression for SAR Based on the Single Shot MultiBox Detector. Sensors, 2018, 18, 4034.	3.8	25
4	TAI-SARNET: Deep Transferred Atrous-Inception CNN for Small Samples SAR ATR. Sensors, 2020, 20, 1724.	3.8	23
5	Deceptive jamming suppression for SAR based on time-varying initial phase. , 2016, , .		17
6	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
7	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
8	Image formation method for spaceborne video SAR. , 2015, , .		14
9	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
10	Spaceborne stripmap range sweep SAR: positive terrain tracking by continuous beam scanning in elevation. Remote Sensing Letters, 2016, 7, 1014-1022.	1.4	10
11	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
12	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
13	Multi-Channnel and Mimo Sar Anti-Jamming Analysis. , 2018, , .		6
14	SAR image synthesis based on conditional generative adversarial networks. Journal of Engineering, 2019, 2019, 8093-8097.	1.1	5
15	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
16	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
17	Tropical Natural Forest Classification Using Time-Series Sentinel-1 and Landsat-8 Images in Hainan Island. , 2019, , .		4
18	A new trajectory-based Polar Format Algorithm for bistatic SAR. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	A New Synthetic Aperture Radar (SAR) Imaging Method Combining Match Filter Imaging and Image Edge Enhancement. Sensors, 2018, 18, 4133.	3.8	3
20	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
21	The P-band SAR Satellite: Opportunities and Challenges. , 2019, , .		2
22	SAR ATR with full‑angle data augmentation and feature polymerisation. Journal of Engineering, 2019, 2019, 6226-6230.	1.1	2
23	Resolution analysis of sector scan GB-SAR for wide landslides monitoring. , 2015, , .		1
24	Analysis of the effect of sparsity on the performance of SAR imaging based on CS theory. , 2016, , .		1
25	Two Dimensional Image Formation of Interrupted FMCW SAR Through Spectral Analysis. , 2018, , .		1
26	Single RFI Localization Based on Conjugate Cross-Correlation of Dual-Channel Sar Signals. , 2019, , .		1
27	Hybrid Algorithm based on Newton Iteration and Least Square Method for Sound Source Positioning. , 2020, , .		1
28	A New Track Initiation Algorithm Based on Hierarchical Clustering And Correlation Coefficient. , 2020, , .		1
29	Generalized BP-InSAR Processing With High-Squint Geometry. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
30	Cross-range resolution of synthetic aperture radar based on diving model. Journal of Electronics, 2011, 28, 71-76.	0.2	0
31	Extraction of building height based on modified double scattering model from single SAR image. , 2013, , .		0
32	Signal model based on Maxwell's equations. , 2014, , .		0
33	Airborne geographically referenced stripmap SAR data processing. , 2014, , .		0
34	A modified back-projection algorithm for imaging Geo-referenced SAR data. , 2015, , .		0
35	Imaging characteristics of corner reflector under multi-azimuth angles. , 2016, , .		0
36	The Influence of Sar Image Quantization Method on Detection Precision. , 2018, , .		0

#	Article	IF	Citations
37	Wrapped Interferometric Phase Registration Based Positioning Method. , 2019, , .		0
38	Analysis of the Impact of Google Mapsâ€™ Level on Object Detection. , 2019, , .		0
39	Ship Detection in Radar Image Series Based on the Long Short-Term Memory Network. , 2020, , .		0
40	ISAR Imaging of Space Station based on Ephemeris Data Error Compensation. , 2020, , .		0