

Hongyang An

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Geosynchronous Spaceborne-Airborne Bistatic SAR Imaging Based on Fast Low-Rank and Sparse Matrices Recovery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	6
2	Joint Low-Rank and Sparse Tensors Recovery for Video Synthetic Aperture Radar Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	5
3	Hybrid SAR-ISAR Image Formation via Joint FrFT-WVD Processing for BFSAR Ship Target High-Resolution Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	22
4	Bistatic SAR Clutter-Ridge Matched STAP Method for Nonstationary Clutter Suppression. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	17
5	BeiDou-Based Passive Multistatic Radar Maritime Moving Target Detection Technique via Space-Time Hybrid Integration Processing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	22
6	An Optimal Polar Format Refocusing Method for Bistatic SAR Moving Target Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	5
7	A Novel Frequency-Domain Focusing Method for Geosynchronous Low-Earth-Orbit Bistatic SAR in Sliding-Spotlight Mode. Remote Sensing, 2022, 14, 3178.	4.0	3
8	Geosynchronous Spaceborne-Airborne Bistatic SAR Data Focusing Using a Novel Range Model Based on One-Stationary Equivalence. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1214-1230.	6.3	20
9	Nonambiguous Image Formation for Low-Earth-Orbit SAR With Geosynchronous Illumination Based on Multireceiving and CAMP. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 348-362.	6.3	11
10	Simultaneous Moving and Stationary Target Imaging for Geosynchronous Spaceborne-Airborne Bistatic SAR Based on Sparse Separation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6722-6735.	6.3	11
11	A Novel Unambiguous Imaging Method for Geosynchronous Spaceborne-Airborne Bistatic SAR. , 2021, , .		0
12	Video Formation Method for UAV SAR Utilizing Tensor Recovery Algorithm. , 2021, , .		0
13	BeiDou-Based Passive Radar Vessel Target Detection: Method and Experiment via Long-Time Optimized Integration. Remote Sensing, 2021, 13, 3933.	4.0	7
14	Multichannel LEO SAR Imaging with GEO SAR Illuminator. , 2020, , .		0
15	A Two-Step Nonlinear Chirp Scaling Method for Multichannel GEO Spaceborne-Airborne Bistatic SAR Spectrum Reconstructing and Focusing. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3713-3728.	6.3	46
16	Geosynchronous Spaceborne-Airborne Multichannel Bistatic SAR Imaging Using Weighted Fast Factorized Backprojection Method. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1590-1594.	3.1	12
17	Large-Scene Imaging Scheme for Geosynchronous Spaceborne-Airborne Bistatic SAR. , 2019, , .		0
18	Azimuth Signal Multichannel Reconstruction and Channel Configuration Design for Geosynchronous Spaceborne-Airborne Bistatic SAR. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1861-1872.	6.3	47

#	ARTICLE	IF	CITATIONS
19	Topology Design for Geosynchronous Spaceborne-Airborne Multistatic SAR. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1715-1719.	3.1	18
20	Topology Design for GEO Spaceborne-Airborne Multistatic SAR Using Multiobjective Optimization Algorithms. , 2018, , .		2
21	Azimuth Ambiguity Suppression for Multichannel Geosynchronous Spaceborne-Airborne Bistatic SAR. , 2018, , .		3
22	Two-dimensional frequency decoupling method for curved trajectory synthetic aperture radar imaging. IET Radar, Sonar and Navigation, 2018, 12, 766-773.	1.8	6
23	Flight parameter design for translational invariant bistatic forward-looking SAR based on multiobjective particle swarm optimization. , 2016, , .		0
24	Geosynchronous spaceborne-airborne bistatic SAR for earth observation: Advantages and main aspects. , 2016, , .		1