

Zhou Song

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

248
citations

1040056

9
h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-Polar-Based FFBP Algorithm for Miniature UAV SAR Imaging Without Navigational Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 7053-7065.	6.3	56
2	Correlation between facet tropism and lumbar degenerative disease: a retrospective analysis. BMC Musculoskeletal Disorders, 2017, 18, 483.	1.9	33
3	Sparsity-Driven SAR Imaging for Highly Maneuvering Ground Target by the Combination of Time-Frequency Analysis and Parametric Bayesian Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1443-1455.	4.9	28
4	Cooperative Multitask Learning for Sparsity-Driven SAR Imagery and Nonsystematic Error Autocalibration. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5132-5147.	6.3	27
5	Spectrum-Oriented FFBP Algorithm in Quasi-Polar Grid for SAR Imaging on Maneuvering Platform. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 724-728.	3.1	18
6	Forward Velocity Extraction From UAV Raw SAR Data Based on Adaptive Notch Filtering. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1211-1215.	3.1	13
7	A New Fast Factorized Back Projection Algorithm for Bistatic Forward-Looking SAR Imaging Based on Orthogonal Elliptical Polar Coordinate. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1508-1520.	4.9	13
8	Data-Driven Motion Compensation for Airborne Bistatic SAR Imagery Under Fast Factorized Back Projection Framework. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1728-1740.	4.9	11
9	Focusing of SAR With Curved Trajectory Based on Improved Hyperbolic Range Equation. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 454-458.	3.1	9
10	A New Fast Factorized Back-Projection Algorithm with Reduced Topography Sensibility for Missile-Borne SAR Focusing with Diving Movement. Remote Sensing, 2020, 12, 2616.	4.0	9
11	Coherent Auto-Calibration of APE and NsRCM under Fast Back-Projection Image Formation for Airborne SAR Imaging in Highly-Squint Angle. Remote Sensing, 2018, 10, 321.	4.0	6
12	Efficient Fast Time-Domain Processing Framework for Airborne Bistatic SAR Continuous Imaging Integrated With Data-Driven Motion Compensation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	5
13	A Novel CFFBP Algorithm With Noninterpolation Image Merging for Bistatic Forward-Looking SAR Focusing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	5
14	An Improved Fast Time-Domain Algorithm for Bistatic Forward-Looking Sar Imaging. , 2019, , .		3
15	Processing Missile-Borne SAR Data by Using Cartesian Factorized Back Projection Algorithm Integrated with Data-Driven Motion Compensation. Remote Sensing, 2021, 13, 1462.	4.0	3
16	A stable gain periodic microstrip leaky-wave antenna with the open-stopband eliminated. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22722.	1.2	2
17	A continual backward-to-forward beam scanning periodic microstrip leaky-wave antenna with highly stable gain. Microwave and Optical Technology Letters, 2021, 63, 3047.	1.4	2
18	Synthetic Aperture Radar Interference Based on Scene Fusion and Active Cancellation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10375-10382.	4.9	2

#	ARTICLE	IF	CITATIONS
19	A data-driven approach for monitoring forward velocity for small and lightweight drone. , 2015, , .		1
20	Spectrum analysis of SAR image in polar grid system for back projection algorithm. , 2016, , .		1
21	ISAR imaging and motion compensation with sparse Bayesian learning. , 2016, , .		1
22	Rotational motion estimaiton of high-resolutiton ISAR imaingng for maneuvering targets. , 2016, , .		0
23	NsRCM correction in fast factorized back projection algorithm for UAV SAR motion compensation. , 2017, , .		0
24	An Efficient Image Reconstruction Algorithm for Maneuvering Platform SAR Integrated With Elevation Information in Hybrid Coordinate System. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0