

Mengdao Xing

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	SAR Ground Maneuvering Targets Imaging and Motion Parameters Estimation Based on the Adaptive Polynomial Fourier Transform. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
2	Modified ERMA With Generalized Resampling for Maneuvering Highly Squinted TOPS SAR. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	3
3	First Demonstration of Using Signal Processing Approach to Suppress Signal Ringing in Impulse UWB Through-Wall Radar. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
4	Deep Mutual GAN for Life-Detection Radar Super Resolution. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	5
5	A Postmatched-Filtering Image-Domain Subspace Method for Channel Mismatch Estimation of Multiple Azimuth Channels SAR. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	4
6	Joint Estimation of Satellite Attitude and Size Based on ISAR Image Interpretation and Parametric Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	7
7	Focusing Translational-Variant Bistatic Forward-Looking SAR Data Using the Modified Omega-K Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	5
8	Oriented Gaussian Function-Based Box Boundary-Aware Vectors for Oriented Ship Detection in Multiresolution SAR Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	15
9	Ultrahigh-Resolution Autofocusing for Squint Airborne SAR Based on Cascaded MD-PGA. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	6
10	Moving Target Radial Velocity Estimation Method for HRWS SAR System Based on Subspace Projection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	4
11	An Improved SRGAN Based Ambiguity Suppression Algorithm for SAR Ship Target Contrast Enhancement. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	7
12	Spaceborne Synthetic Aperture Radar Imaging Algorithms: An overview. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 161-184.	4.9	29
13	Multiple Statistics Contributing to Few-Sample Deep Learning for Subtle Trace Detection in High-Resolution SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	3
14	2-D Frequency Autofocus for Squint Spotlight SAR Imaging With Extended Omega-K. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	11
15	Polarization Image Demosaicking via Nonlocal Sparse Tensor Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	5
16	Integrating the Reconstructed Scattering Center Feature Maps With Deep CNN Feature Maps for Automatic SAR Target Recognition. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	8
17	AIS Data Aided Rayleigh CFAR Ship Detection Algorithm of Multiple-Target Environment in SAR Images. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1266-1282.	2.6	11
18	CANet: An Unsupervised Deep Convolutional Neural Network for Efficient Cluster-Analysis-Based Multibaseline InSAR Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	18

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19	EFTL: Complex Convolutional Networks With Electromagnetic Feature Transfer Learning for SAR Target Recognition. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	2.7	17
20	Azimuth Variant Motion Error Compensation Algorithm for Airborne SAR Imaging Based on Doppler Adjustment. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	3
21	A Real-Time Unified Focusing Algorithm (RT-UFA) for Multi-Mode SAR via Azimuth Sub-Aperture Complex-Valued Image Combining and Scaling. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	5
22	SAR Target Classification Using the Multikernel-Size Feature Fusion-Based Convolutional Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	42
23	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.	2.7	5
24	Structure-Awareness SAR Imagery by Exploiting Structure Tensor TV Regularization Under Multitask Learning Framework. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	3
25	An Effective Clutter Suppression Approach Based on Null-Space Technique for the Space-Borne Multichannel in Azimuth High-Resolution and Wide-Swath SAR System. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-28.	2.7	1
26	Deep Learning-Based Branch-Cut Method for InSAR Two-Dimensional Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	25
27	Motion Compensation/Autofocus in Airborne Synthetic Aperture Radar: A Review. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 185-206.	4.9	81
28	A Robust Image-Domain Subspace-Based Channel Error Calibration and Postimaging Reconstruction Algorithm for Multiple Azimuth Channels SAR. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	4
29	High-Speed Maneuvering Platform SAR Imaging With Optimal Beam Steering Control. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	3
30	Efficiency and Robustness Improvement of Airborne SAR Motion Compensation With High Resolution and Wide Swath. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	13
31	A Fine PolSAR Terrain Classification Algorithm Using the Texture Feature Fusion-Based Improved Convolutional Autoencoder. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	10
32	Joint Translational Motion Compensation Method for ISAR Imagery Under Low SNR Condition Using Dynamic Image Sharpness Metric Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	8
33	Radar Deception Jamming Recognition Based on Weighted Ensemble CNN With Transfer Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	2.7	29
34	A Fast Cartesian Back-Projection Algorithm Based on Ground Surface Grid for GEO SAR Focusing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	8
35	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.	1.4	0
36	Ship Focusing and Positioning Based on 2-D Ambiguity Resolving for Single-Channel SAR Mounted on High-Speed Maneuvering Platforms With Small Aperture. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	1

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37	PU-GAN: A One-Step 2-D InSAR Phase Unwrapping Based on Conditional Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	23
38	Super-Resolution Range and Velocity Estimations for SFA-OFDM Radar. Remote Sensing, 2022, 14, 278.	1.8	10
39	SAR Target Detection Based on Improved SSD with Saliency Map and Residual Network. Remote Sensing, 2022, 14, 180.	1.8	3
40	High-Resolution and Wide-Swath Imaging Based on Multifrequency Pulse Diversity and DPCA Technique. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
41	A Low Sidelobe Deceptive Jamming Suppression Beamforming Method With a Frequency Diverse Array. IEEE Transactions on Antennas and Propagation, 2022, 70, 4884-4889.	3.1	17
42	Comparative Study of DEM Reconstruction Accuracy Between Single- and Multibaseline InSAR Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	2.7	8
43	High-Resolution Real-Time Imaging Processing for Spaceborne Spotlight SAR With Curved Orbit via Subaperture Coherent Superposition in Image Domain. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1992-2003.	2.3	9
44	Super-resolution forward-looking imaging method for manoeuvring platform with optimised dictionary and extended sparsity adaptive matching pursuit. IET Radar, Sonar and Navigation, 2022, 16, 912-923.	0.9	4
45	Performance Improvement for SAR Tomography Based on Local Plane Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2298-2310.	2.3	8
46	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.	2.7	5
47	Joint Estimation of Absolute Attitude and Size for Satellite Targets Based on Multi-Feature Fusion of Single ISAR Image. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	2.7	6
48	Varying Amplitude Vibration Phase Suppression Algorithm in ISAL Imaging. Remote Sensing, 2022, 14, 1122.	1.8	2
49	Range and Doppler reconstruction for sparse frequency agile linear frequency modulation-orthogonal frequency division multiplexing radar. IET Radar, Sonar and Navigation, 2022, 16, 1014-1025.	0.9	5
50	CRTransSar: A Visual Transformer Based on Contextual Joint Representation Learning for SAR Ship Detection. Remote Sensing, 2022, 14, 1488.	1.8	59
51	Number of targets detection method with FCM-based granulation-degranulation mechanism. Electronics Letters, 2022, 58, 445-447.	0.5	1
52	A Lightweight Position-Enhanced Anchor-Free Algorithm for SAR Ship Detection. Remote Sensing, 2022, 14, 1908.	1.8	26
53	Time-Domain Autofocus for Ultrahigh Resolution SAR Based on Azimuth Scaling Transformation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	8
54	Noise Robust High-Speed Motion Compensation for ISAR Imaging Based on Parametric Minimum Entropy Optimization. Remote Sensing, 2022, 14, 2178.	1.8	4

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55	A heterogeneous double ensemble algorithm for soybean planting area extraction in Google Earth Engine. <i>Computers and Electronics in Agriculture</i> , 2022, 197, 106955.	3.7	6
56	Deep Ensemble CNN Method Based on Sample Expansion for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	2.7	8
57	Attributed Scattering Center Extraction Method for Microwave Photonic Signals Using DSM-PMM-Regularized Optimization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	2.7	3
58	Coherent Integration for Maneuvering Target Detection at Low SNR Based on Radon-General Linear Chirplet Transform. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	4
59	A High-Resolution and High-Precision Passive Positioning System Based on Synthetic Aperture Technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	2.7	6
60	Integration of Rotation Estimation and High-Order Compensation for Ultrahigh-Resolution Microwave Photonic ISAR Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2095-2115.	2.7	25
61	FEC: A Feature Fusion Framework for SAR Target Recognition Based on Electromagnetic Scattering Features and Deep CNN Features. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2174-2187.	2.7	81
62	Data-Driven Motion Compensation for Airborne Bistatic SAR Imagery Under Fast Factorized Back Projection Framework. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 1728-1740.	2.3	11
63	Sub-aperture phase error stitching for full aperture airborne SAR data processing method based on azimuth deramp. <i>Optics and Laser Technology</i> , 2021, 136, 106708.	2.2	2
64	SVD-Based Ambiguity Function Analysis for Nonlinear Trajectory SAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 3072-3087.	2.7	19
65	Ground Moving Target Indication for the Geosynchronous-Low Earth Orbit Bistatic Multichannel SAR System. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5072-5090.	2.3	12
66	Enhanced-Random-Feature-Subspace-Based Ensemble CNN for the Imbalanced Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 3988-3999.	2.3	31
67	Joint Multitarget Detection and Tracking in Multipath Environment Using Expectation Maximization Algorithm. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 10336-10347.	2.3	1
68	A Novel Two-Step Scheme Based on Joint GO-DPCA and Local STAP in Image Domain for Multichannel SAR-GMTI. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 8259-8272.	2.3	7
69	ISAR Imaging Motion Compensation in Low SNR Environments Using Phase Gradient and Filtering Techniques. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 4296-4312.	2.6	3
70	A Pixel Cluster CNN and Spectral-Spatial Fusion Algorithm for Hyperspectral Image Classification With Small-Size Training Samples. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 4101-4114.	2.3	25
71	Processing of Bistatic SAR Data With Nonlinear Trajectory Using a Controlled-SVD Algorithm. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5750-5759.	2.3	22
72	Learning an SAR Image Despeckling Model Via Weighted Sparse Representation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 7148-7158.	2.3	11

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73	Water Body Detection in High-Resolution SAR Images With Cascaded Fully-Convolutional Network and Variable Focal Loss. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 316-332.	2.7	36
74	Ultra-High Resolution Imaging Method for Distributed Small Satellite Spotlight MIMO-SAR Based on Sub-Aperture Image Fusion. Sensors, 2021, 21, 1609.	2.1	6
75	Time-Frequency Reversion-Based Spectrum Analysis Method and Its Applications in Radar Imaging. Remote Sensing, 2021, 13, 600.	1.8	4
76	Realizing Target Detection in SAR Images Based on Multiscale Superpixel Fusion. Sensors, 2021, 21, 1643.	2.1	9
77	Relative Total Variation Structure Analysis-Based Fusion Method for Hyperspectral and LiDAR Data Classification. Remote Sensing, 2021, 13, 1143.	1.8	5
78	Baseline Design for Multibaseline InSAR System: A Review. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 17-24.	1.9	19
79	Processing Missile-Borne SAR Data by Using Cartesian Factorized Back Projection Algorithm Integrated with Data-Driven Motion Compensation. Remote Sensing, 2021, 13, 1462.	1.8	3
80	Toward More Robust and Real-Time Unmanned Aerial Vehicle Detection and Tracking via Cross-Scale Feature Aggregation Based on the Center Keypoint. Remote Sensing, 2021, 13, 1416.	1.8	6
81	ISAR Translational Motion Compensation with Simultaneous Range Alignment and Phase Adjustment in Low SNR Environments. , 2021, , .		5
82	A modified design method of pulse repetition frequency for synthetic aperture radar system based on the single point equivalent squint model. IET Radar, Sonar and Navigation, 2021, 15, 748-759.	0.9	0
83	Signal Subspace Reconstruction for DOA Detection Using Quantum-Behaved Particle Swarm Optimization. Remote Sensing, 2021, 13, 2560.	1.8	4
84	2-D Beam Steering Method for Squinted High-Orbit SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4827-4840.	2.7	5
85	Robust CFAR Ship Detector Based on Bilateral-Trimmed-Statistics of Complex Ocean Scenes in SAR Imagery: A Closed-Form Solution. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1872-1890.	2.6	49
86	Fast Direction of Arrival Estimation for Uniform Circular Arrays With a Virtual Signal Subspace. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1731-1741.	2.6	15
87	Artificial Intelligence In Interferometric Synthetic Aperture Radar Phase Unwrapping: A Review. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 10-28.	4.9	50
88	CNN-LRP: Understanding Convolutional Neural Networks Performance for Target Recognition in SAR Images. Sensors, 2021, 21, 4536.	2.1	15
89	Ground Cartesian Back-Projection Algorithm for High Squint Diving TOPS SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5812-5827.	2.7	30
90	Refocusing of Moving Ships in Squint SAR Images Based on Spectrum Orthogonalization. Remote Sensing, 2021, 13, 2807.	1.8	7

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91	DSDet: A Lightweight Densely Connected Sparsely Activated Detector for Ship Target Detection in High-Resolution SAR Images. Remote Sensing, 2021, 13, 2743.	1.8	20
92	High squint multichannel SAR imaging algorithm for high speed maneuvering platforms with small-aperture. Signal Processing, 2021, 185, 108078.	2.1	3
93	ISAR Signal Tracking and High-Resolution Imaging by Kalman Filtering. Remote Sensing, 2021, 13, 3389.	1.8	4
94	Focusing Challenges of Ships With Oscillatory Motions and Long Coherent Processing Interval. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6562-6572.	2.7	6
95	High Speed Maneuvering Platform Squint TOPS SAR Imaging Based on Local Polar Coordinate and Angular Division. Remote Sensing, 2021, 13, 3329.	1.8	1
96	Semi-supervised rotation forest based on ensemble margin theory for the classification of hyperspectral image with limited training data. Information Sciences, 2021, 575, 611-638.	4.0	26
97	Microwave Correlation Forward-Looking Super-Resolution Imaging Based on Compressed Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8326-8337.	2.7	17
98	Multisystem Interferometric Data Fusion Framework: A Three-Step Sensing Approach. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8501-8509.	2.7	9
99	SMOTE-Based Weighted Deep Rotation Forest for the Imbalanced Hyperspectral Data Classification. Remote Sensing, 2021, 13, 464.	1.8	14
100	The Recognition Framework of Deep Kernel Learning for Enclosed Remote Sensing Objects. IEEE Access, 2021, 9, 95585-95596.	2.6	2
101	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.	2.3	2
102	Multi-Scale Feature Extraction and Total Variation Based Fusion Method For HSI and Lidar Data Classification. , 2021, , .		4
103	Azimuth Spectrum Reconstruction Algorithm for Multichannel Squint Sar on High Speed Airborne Platform. , 2021, , .		1
104	Ship Imaging based on Azimuth Ambiguity Resolving for High-Speed Maneuvering Platforms Sar with Small-Aperture. , 2021, , .		0
105	Design of Double-Mode Integrated Microwave Remote Sensor for Ocean Wave Observation. , 2021, , .		0
106	A Novel Forest Disaster Monitoring Method Based on FCM and Neighborhood Factor Genetic Algorithm Using Multispectral Data. , 2021, , .		1
107	Parallel Ensemble Deep Learning for Real-Time Remote Sensing Video Multi-Target Detection. Remote Sensing, 2021, 13, 4377.	1.8	4
108	A Novel Clutter Covariance Matrix Estimation Method Based on Feature Subspace for Space-Based Early Warning Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11217-11228.	2.3	5

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109	Fast Rotation Matching Method for SAR and Optical Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, , 1-1.	2.3	0
110	Ocean Target Investigation Using Spaceborne SAR under Dual-Polarization Strip-map Mode. , 2021, , .		3
111	Parallel implementation of real-time ISAR imaging based on graphics processing units. , 2021, , .		0
112	A Two-Step Processing Method for Diving-Mode Squint SAR Imaging With Subaperture Data. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 811-825.	2.7	7
113	Clutter Suppression via Subspace Projection for Spaceborne HRWS Multichannel SAR System. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1538-1542.	1.4	9
114	A Frequency-Domain Imaging Algorithm for Translational Variant Bistatic Forward-Looking SAR. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1502-1515.	2.7	20
115	InSAR Signal and Data Processing. Sensors, 2020, 20, 3801.	2.1	1
116	Focusing of Maneuvering High-Squint-Mode SAR Data Based on Equivalent Range Model and Wavenumber-Domain Imaging Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2419-2433.	2.3	5
117	A Novel Image Fusion Method of Multi-Spectral and SAR Images for Land Cover Classification. Remote Sensing, 2020, 12, 3801.	1.8	31
118	A Novel Feature Extension Method for the Forest Disaster Monitoring Using Multispectral Data. Remote Sensing, 2020, 12, 2261.	1.8	11
119	ISAR Image Matching and Three-Dimensional Scattering Imaging Based on Extracted Dominant Scatterers. Remote Sensing, 2020, 12, 2699.	1.8	3
120	Time-Varying Baseline Error Estimation and Compensation in UAV SAR Interferometry Based on Time-Domain Subaperture of Raw Radar Data. IEEE Sensors Journal, 2020, 20, 12203-12216.	2.4	6
121	An adaptive-trimming-depth based CFAR detector of heterogeneous environment in SAR imagery. Remote Sensing Letters, 2020, 11, 730-738.	0.6	7
122	InSAR Phase Denoising: A Review of Current Technologies and Future Directions. IEEE Geoscience and Remote Sensing Magazine, 2020, 8, 64-82.	4.9	63
123	Antenna Beampattern With Range Null Control Using Weighted Frequency Diverse Array. IEEE Access, 2020, 8, 50107-50117.	2.6	15
124	A High-Squint TOPS SAR Imaging Algorithm for Maneuvering Platforms Based on Joint Time-Doppler Deramp Without Subaperture. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1899-1903.	1.4	13
125	A Special Issue on Synthetic Aperture Radar Interferometry [From the Guest Editors]. IEEE Geoscience and Remote Sensing Magazine, 2020, 8, 6-7.	4.9	15
126	Interferometric SAR Phase Filtering With SURE-Based Non-Local Method. IEEE Access, 2020, 8, 66722-66730.	2.6	1

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127	Cooperative Multitask Learning for Sparsity-Driven SAR Imagery and Nonsystematic Error Autocalibration. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5132-5147.	2.7	27
128	Correction of "A Frequency-Domain Imaging Algorithm for Translational Variant Bistatic Forward-Looking SAR". IEEE Transactions on Geoscience and Remote Sensing, 2020, , 1-1.	2.7	2
129	An Adaptive Hierarchical Detection Method for Ship Targets in High-Resolution SAR Images. Remote Sensing, 2020, 12, 303.	1.8	16
130	A Modified Range Model and Doppler Resampling Based Imaging Algorithm for High Squint SAR on Maneuvering Platforms. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1923-1927.	1.4	3
131	Focusing of MEO SAR Data Based on Principle of Optimal Imaging Coordinate System. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5477-5489.	2.7	7
132	Validating GEV Model for Reflection Symmetry-Based Ocean Ship Detection with Gaofen-3 Dual-Polarimetric Data. Remote Sensing, 2020, 12, 1148.	1.8	6
133	A Novel Reconstruction Method of K-Distributed Sea Clutter with Spatial-Temporal Correlation. Sensors, 2020, 20, 2377.	2.1	3
134	GF-3 data real-time processing method based on multi-satellite distributed data processing system. Journal of Central South University, 2020, 27, 842-852.	1.2	5
135	A novel 3-D radar imaging method based on sparse optimization. , 2020, , .		0
136	Spectral-Spatial Feature Extraction based CNN for Hyperspectral Image Classification. , 2020, , .		3
137	An Efficient MEO SAR Imaging Algorithm Based on Optimal Imaging Coordinate System. , 2020, , .		1
138	Achieving Millimetre Wave Seeker Performance Evaluation Based on the Real-Time Kinematic. Journal of Sensors, 2020, 2020, 1-13.	0.6	3
139	High-Resolution Imaging Based on Temporal-Spatial Stochastic Radiation Field and Compressive Sensing Theory. , 2020, , .		0
140	An Image-Domain Baseline Error Estimation Method for Azimuth Multi-Channel Sar. , 2020, , .		0
141	Ship Positioning and Radial Velocity Estimation for Spaceborne SAR Based on Energy Center Extraction. , 2020, , .		2
142	Feature Separation Based Rotation Forest for Hyperspectral Image Classification. , 2020, , .		0
143	A Two-Step Ship Target Detection Method in High-Resolution Sar Image Based on Coarse-to-Fine Mechanism. , 2020, , .		1
144	An Optimization Algorithm of Moving Targets Refocusing Via Parameter Estimation Dependence of Maximum Sharpness Principle After BP Integral. , 2020, , .		0

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145	Long Synthetic Aperture Passive Localization Using Azimuth Chirp-Rate Contour Map. , 2020, , .		1
146	Space Targets Rescaling Based on Bistatic ISAR System. , 2020, , .		0
147	New Algorithm for Near-Field ISAR Imaging. , 2020, , .		0
148	Two-Step Ensemble Based Class Noise Cleaning Method for Hyperspectral Image Classification. , 2020, , .		0
149	An Infinity-Norm-Based Phase Unwrapping Method with TSPA Framework for Multi-Baseline SAR Interferograms. , 2020, , .		0
150	Unambiguous Signal Reconstruction Algorithm for High Squint Multichannel SAR Mounted on High Speed Maneuvering Platforms. , 2020, , .		1
151	Clutter Suppression and Moving Target Radial Velocity Estimation Method for HRWS Multichannel System based on Subspace Projection. , 2020, , .		0
152	A Sidelobe Reduction Algorithm for SAR Imagery Formed by Fast Back Projection Algorithm Based on Spectrum Compression. , 2020, , .		1
153	A Fast Time-Domain SAR Imaging and Corresponding Autofocus Method Based on Hybrid Coordinate System. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8627-8640.	2.7	10
154	A Target Identification Method for the Millimeter Wave Seeker via Correlation Matching and Beam Pointing. Sensors, 2019, 19, 2530.	2.1	1
155	Highly Squinted MEO SAR Focusing Based on Extended Omega-K Algorithm and Modified Joint Time and Doppler Resampling. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9188-9200.	2.7	16
156	Focusing Improvement of Curved Trajectory Spaceborne SAR Based on Optimal LRWC Preprocessing and 2-D Singular Value Decomposition. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4246-4258.	2.7	18
157	Joint Method of ISAR Imaging and Scaling for Maneuvering Targets via Compressive Sensing. IEEE Sensors Journal, 2019, 19, 7300-7307.	2.4	5
158	High-Speed Maneuvering Platforms Squint Beam-Steering SAR Imaging Without Subaperture. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6974-6985.	2.7	17
159	A Multi-Perspective 3D Reconstruction Method with Single Perspective Instantaneous Target Attitude Estimation. Remote Sensing, 2019, 11, 1277.	1.8	6
160	Two-Step Accuracy Improvement of Motion Compensation for Airborne SAR With Ultrahigh Resolution and Wide Swath. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7148-7160.	2.7	38
161	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.	2.3	13
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