

Jianyu Yang

List of Publications by Year in descending order

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406
docs citations

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times ranked

1699
citing authors

#	ARTICLE	IF	CITATIONS
1	SAR Automatic Target Recognition Based on Multiview Deep Learning Framework. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2196-2210.	6.3	222
2	Ship Detection in Large-Scale SAR Images Via Spatial Shuffle-Group Enhance Attention. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 379-391.	6.3	158
3	Target recognition in synthetic aperture radar images via non-negative matrix factorisation. IET Radar, Sonar and Navigation, 2015, 9, 1376-1385.	1.8	121
4	An Efficient Multi-Frame Track-Before-Detect Algorithm for Multi-Target Tracking. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 421-434.	10.8	116
5	Wideband Sparse Reconstruction for Scanning Radar. IEEE Transactions on Geoscience and Remote Sensing, 2018, , 1-14.	6.3	101
6	Focusing Bistatic Forward-Looking SAR With Stationary Transmitter Based on Keystone Transform and Nonlinear Chirp Scaling. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 148-152.	3.1	100
7	Path Planning for GEO-UAV Bistatic SAR Using Constrained Adaptive Multiobjective Differential Evolution. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6444-6457.	6.3	83
8	Super-Resolution Surface Mapping for Scanning Radar: Inverse Filtering Based on the Fast Iterative Adaptive Approach. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 127-144.	6.3	82
9	A Computationally Efficient Particle Filter for Multitarget Tracking Using an Independence Approximation. IEEE Transactions on Signal Processing, 2013, 61, 843-856.	5.3	78
10	Inclined Geosynchronous Spaceborne Airborne Bistatic SAR: Performance Analysis and Mission Design. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 343-357.	6.3	78
11	Maximum a posteriori-based angular superresolution for scanning radar imaging. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2389-2398.	4.7	77
12	Bayesian Deconvolution for Angular Super-Resolution in Forward-Looking Scanning Radar. Sensors, 2015, 15, 6924-6946.	3.8	76
13	An Optimal 2-D Spectrum Matching Method for SAR Ground Moving Target Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2018, , 1-14.	6.3	75
14	Generalized High-Order Phase Function for Parameter Estimation of Polynomial Phase Signal. IEEE Transactions on Signal Processing, 2008, 56, 3023-3028.	5.3	63
15	A Fast Iterative Adaptive Approach for Scanning Radar Angular Superresolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 5336-5345.	4.9	57
16	Ground-Moving Target Imaging and Velocity Estimation Based on Mismatched Compression for Bistatic Forward-Looking SAR. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3277-3291.	6.3	56
17	Motion Errors and Compensation for Bistatic Forward-Looking SAR With Cubic-Order Processing. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6940-6957.	6.3	53
18	Airborne Forward-Looking Radar Super-Resolution Imaging Using Iterative Adaptive Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2044-2054.	4.9	52

#	ARTICLE	IF	CITATIONS
19	Joint Sparsity-Based Imaging and Motion Error Estimation for BFSAR. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1393-1408.	6.3	47
20	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
21	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
22	A first experiment of airborne bistatic forward-looking SAR - Preliminary results. , 2013, , .		44
23	Adaptive detection for distributed targets in Gaussian noise with Rao and Wald tests. Science China Information Sciences, 2012, 55, 1290-1300.	4.3	41
24	Thresholding Process Based Dynamic Programming Track-Before-Detect Algorithm. IEICE Transactions on Communications, 2013, E96.B, 291-300.	0.7	41
25	A TV Forward-Looking Super-Resolution Imaging Method Based on TSVD Strategy for Scanning Radar. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4517-4528.	6.3	41
26	Sample Discriminant Analysis for SAR ATR. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 2120-2124.	3.1	40
27	TV-Sparse Super-Resolution Method for Radar Forward-Looking Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6534-6549.	6.3	39
28	Bistatic Forward-Looking SAR MP-DPCA Method for Space Time Extension Clutter Suppression. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6565-6579.	6.3	39
29	Focusing Translational Variant Bistatic Forward-Looking SAR Using Keystone Transform and Extended Nonlinear Chirp Scaling. Remote Sensing, 2016, 8, 840.	4.0	37
30	Video SAR Imaging Based on Low-Rank Tensor Recovery. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 188-202.	11.3	36
31	Highly Squint SAR Data Focusing Based on Keystone Transform and Azimuth Extended Nonlinear Chirp Scaling. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 145-149.	3.1	35
32	Angular Superresolution for Scanning Radar With Improved Regularized Iterative Adaptive Approach. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 846-850.	3.1	35
33	An Effective Autofocus Method for Fast Factorized Back-Projection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6145-6154.	6.3	35
34	Bistatic forward-looking SAR: Theory and challenges. , 2009, , .		34
35	A Generalized Omega-K Algorithm to Process Translationally Variant Bistatic-SAR Data Based on Two-Dimensional Stolt Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6597-6614.	6.3	34
36	Forward Looking Radar Imaging by Truncated Singular Value Decomposition and Its Application for Adverse Weather Aircraft Landing. Sensors, 2015, 15, 14397-14414.	3.8	33

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37	SAR Imagery Feature Extraction Using 2DPCA-Based Two-Dimensional Neighborhood Virtual Points Discriminant Embedding. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2206-2214.	4.9	31
38	Omega-K Imaging Algorithm for One-Stationary Bistatic SAR. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 33-52.	4.7	29
39	Bistatic forward-looking SAR ground moving target detection and imaging. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1000-1016.	4.7	28
40	An Azimuth-Variant Autofocus Scheme of Bistatic Forward-Looking Synthetic Aperture Radar. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 689-693.	3.1	28
41	Fast Factorized Backprojection Imaging Algorithm Integrated With Motion Trajectory Estimation for Bistatic Forward-Looking SAR. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3949-3965.	4.9	28
42	The Rao and Wald Tests Designed for Distributed Targets with Polarization MIMO Radar in Compound-Gaussian Clutter. Circuits, Systems, and Signal Processing, 2012, 31, 237-254.	2.0	27
43	Angular superresolution for real beam radar with iterative adaptive approach. , 2013, , .		27
44	Range-Recursive IAA for Scanning Radar Angular Super-Resolution. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1675-1679.	3.1	27
45	Fast Compressive Sensing-Based SAR Imaging Integrated With Motion Compensation. IEEE Access, 2019, 7, 53284-53295.	4.2	27
46	Bistatic Forward-Looking SAR Focusing Using Ω -Based on Spectrum Modeling and Optimization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4500-4512.	4.9	26
47	A Geometry-Based Doppler Centroid Estimator for Bistatic Forward-Looking SAR. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 388-392.	3.1	25
48	Numerical analysis of dielectric lens antennas using a ray-tracing method and HFSS software. IEEE Antennas and Propagation Magazine, 2008, 50, 94-101.	1.4	24
49	An I/Q-Channel Modeling Maximum Likelihood Super-Resolution Imaging Method for Forward-Looking Scanning Radar. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 863-867.	3.1	24
50	Fast Sparse-TSVD Super-Resolution Method of Real Aperture Radar Forward-Looking Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6609-6620.	6.3	24
51	Super-resolution Doppler beam sharpening method using fast iterative adaptive approach-based spectral estimation. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	24
52	A Three-Dimensional Localization Method for Multistatic SAR Based on Numerical Range-Doppler Algorithm and Entropy Minimization. Remote Sensing, 2017, 9, 470.	4.0	23
53	An Omega-K Algorithm for Translational Invariant Bistatic SAR Based on Generalized Loffeld's Bistatic Formula. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6699-6714.	6.3	22
54	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

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55	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
56	A Sparse Bayesian Approach for Forward-Looking Superresolution Radar Imaging. Sensors, 2017, 17, 1353.	3.8	21
57	Fast Inverse-Scattering Reconstruction for Airborne High-Squint Radar Imagery Based on Doppler Centroid Compensation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	21
58	Two-step GLRT design of MIMO radar in compound-Gaussian clutter. , 2010, , .		19
59	Multiview Synthetic Aperture Radar Automatic Target Recognition Optimization: Modeling and Implementation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6425-6439.	6.3	19
60	Doppler Beam Sharpening Using Estimated Doppler Centroid Based on Edge Detection and Fitting. IEEE Access, 2019, 7, 123604-123615.	4.2	19
61	Multiview Attention CNN-LSTM Network for SAR Automatic Target Recognition. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12504-12513.	4.9	19
62	Method of Passive MMW Image Detection and Identification for Close Target. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 102-115.	2.2	18
63	A feature extraction method for synthetic aperture radar (SAR) automatic target recognition based on maximum interclass distance. Science China Technological Sciences, 2011, 54, 2520-2524.	4.0	18
64	Topology Design for Geosynchronous Spaceborne-Airborne Multistatic SAR. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1715-1719.	3.1	18
65	Simultaneous Super-Resolution and Target Detection of Forward-Looking Scanning Radar via Low-Rank and Sparsity Constrained Method. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7085-7095.	6.3	18
66	A Generalized Wavefront-Curvature-Corrected Polar Format Algorithm to Focus Bistatic SAR Under Complicated Flight Paths. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3757-3771.	4.9	18
67	SUPERRESOLUTION IMAGING FOR FORWARD-LOOKING SCANNING RADAR WITH GENERALIZED GAUSSIAN CONSTRAINT. Progress in Electromagnetics Research M, 2016, 46, 1-10.	0.9	17
68	PFA for Bistatic Forward-Looking SAR Mounted on High-Speed Maneuvering Platforms. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6018-6036.	6.3	17
69	Heuristic Path Planning Method for Multistatic UAV-Borne SAR Imaging System. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8522-8536.	4.9	17
70	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
71	When Deep Learning Meets Multi-Task Learning in SAR ATR: Simultaneous Target Recognition and Segmentation. Remote Sensing, 2020, 12, 3863.	4.0	16
72	Forward-Looking Geometric Configuration Optimization Design for Spaceborne-Airborne Multistatic Synthetic Aperture Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8033-8047.	4.9	16

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73	An improved Richardson-Lucy algorithm for radar angular super-resolution. , 2014, , .		15
74	Augmented Lagrangian method for angular super-resolution imaging in forward-looking scanning radar. Journal of Applied Remote Sensing, 2015, 9, 096055.	1.3	15
75	Nonsystematic Range Cell Migration Analysis and Autofocus Correction for Bistatic Forward-looking SAR. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6556-6570.	6.3	15
76	An Antideceptive Jamming Method for Multistatic Synthetic Aperture Radar Based on Collaborative Localization and Spatial Suppression. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2757-2768.	4.9	15
77	A Bayesian Angular Superresolution Method With Lognormal Constraint for Sea-Surface Target. IEEE Access, 2020, 8, 13419-13428.	4.2	15
78	Doppler beam sharpening imaging based on fast iterative adaptive approach. , 2017, , .		14
79	Sea-Surface Target Angular Superresolution in Forward-Looking Radar Imaging Based on Maximum $\langle i \rangle$ A Posteriori $\langle i \rangle$ Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2822-2834.	4.9	14
80	Study on Spaceborne/Airborne Hybrid Bistatic SAR Image Formation in Frequency Domain. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 578-582.	3.1	13
81	Optimal geometry configuration of bistatic forward-looking SAR. , 2009, , .		13
82	An Omega- β Imaging Algorithm for Translational Variant Bistatic SAR Based on Linearization Theory. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 627-631.	3.1	13
83	Automatic Censoring CFAR Detector Based on Ordered Data Difference for Low-Flying Helicopter Safety. Sensors, 2016, 16, 1055.	3.8	13
84	Sparse With Fast MM Superresolution Algorithm for Radar Forward-Looking Imaging. IEEE Access, 2019, 7, 105247-105257.	4.2	13
85	Forward-Looking Scanning Radar Superresolution Imaging Based on Second-Order Accelerated Iterative Shrinkage-Thresholding Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 620-631.	4.9	13
86	Analysis of Different Sparsity Methods in Constrained RBM for Sparse Representation in Cognitive Robotic Perception. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 80, 121-132.	3.4	12
87	Generalized Time-Updating Sparse Covariance-Based Spectral Estimation. IEEE Access, 2019, 7, 143876-143887.	4.2	12
88	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
89	Global in Local: A Convolutional Transformer for SAR ATR FSL. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	12
90	A tracking approach based on Dynamic Programming Track-Before-Detect. , 2009, , .		11

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91	Focusing bistatic forward-looking SAR using Chirp Scaling algorithm. , 2011, , .		11
92	Scanning radar angular superresolution with fast standard Capon beamformer. , 2015, , .		11
93	Penalized Maximum Likelihood Angular Super-Resolution Method for Scanning Radar Forward-Looking Imaging. Sensors, 2018, 18, 912.	3.8	11
94	Fast Split Bregman Based Deconvolution Algorithm for Airborne Radar Imaging. Remote Sensing, 2020, 12, 1747.	4.0	11
95	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
96	Azimuth Migration-Corrected Phase Gradient Autofocus for Bistatic SAR Polar Format Imaging. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 697-701.	3.1	11
97	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
98	Multiview Deep Feature Learning Network for SAR Automatic Target Recognition. Remote Sensing, 2021, 13, 1455.	4.0	11
99	Online Sparse DOA Estimation Based on Sub-“Aperture Recursive LASSO for TDM-“MIMO Radar. Remote Sensing, 2022, 14, 2133.	4.0	11
100	A sparse sampling strategy for angular superresolution of real beam scanning radar. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	10
101	Bayesian Angular Superresolution Algorithm for Real-Aperture Imaging in Forward-Looking Radar. Information (Switzerland), 2015, 6, 650-668.	2.9	10
102	Range migration correction for maneuvering target based on generalized keystone transform. , 2015, , .		10
103	Bistatic Forward-Looking SAR KDCT-FSFT-Based Refocusing Method for Ground Moving Target With Unknown Curve Motion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4848-4858.	4.9	10
104	Target-Oriented SAR Imaging for SCR Improvement via Deep MF-ADMM-Net. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	10
105	A Sea Clutter Suppression Method Based on Machine Learning Approach for Marine Surveillance Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3120-3130.	4.9	10
106	Focusing translational variant bistatic forward-looking SAR using extended nonlinear Chirp Scaling algorithm. , 2013, , .		9
107	A fast implementation of Dynamic Programming based Track-Before-Detect for radar system. , 2015, , .		9
108	Dual-channel fast iterative shrinkage-thresholding regularization algorithm for scanning radar forward-looking imaging. Journal of Applied Remote Sensing, 2017, 11, 015008.	1.3	9

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109	Optimally Matched Space-Time Filtering Technique for BFSAR Nonstationary Clutter Suppression. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	9
110	A Fast Sparse Azimuth Super-Resolution Imaging Method of Real Aperture Radar Based on Iterative Reweighted Least Squares With Linear Sketching. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2928-2941.	4.9	9
111	Angular resolution enhancement of real-beam scanning radar base on accelerated iterative shrinkage/thresholding algorithm. , 2016, , .		8
112	Cognitive radar sequence design under the spectral compatibility requirements. IET Radar, Sonar and Navigation, 2017, 11, 759-767.	1.8	8
113	Synthetic Aperture Radar Processing Approach for Simultaneous Target Detection and Image Formation. Sensors, 2018, 18, 3377.	3.8	8
114	Echo Model Without Stop-and-Go Approximation for Bistatic SAR With Maneuvers. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1056-1060.	3.1	8
115	A Sparse Denoising-Based Super-Resolution Method for Scanning Radar Imaging. Remote Sensing, 2021, 13, 2768.	4.0	8
116	First result of bistatic forward-looking SAR with stationary transmitter. , 2011, , .		7
117	Design of W-band passive millimeter wave imaging system. , 2012, , .		7
118	Robust lane detection and tracking for lane departure warning. , 2012, , .		7
119	Wall compensation algorithm for through-wall-radar building layout imaging. , 2014, , .		7
120	An autofocus method based on maximum image sharpness for Fast Factorized Back-projection. , 2017, , .		7
121	Bistatic Forward-Looking SAR Moving Target Detection Method Based on Joint Clutter Cancellation in Echo-Image Domain with Three Receiving Channels. Sensors, 2018, 18, 3835.	3.8	7
122	Airborne Radar Super-Resolution Imaging Based on Fast Total Variation Method. Remote Sensing, 2021, 13, 549.	4.0	7
123	Spaceborne-Airborne Bistatic SAR Experiment Using GF-3 Illuminator: Description, Processing and Results. , 2021, , .		7
124	BeiDou-Based Passive Radar Vessel Target Detection: Method and Experiment via Long-Time Optimized Integration. Remote Sensing, 2021, 13, 3933.	4.0	7
125	Bistatic SAR Clutter Suppression. , 2022, , .		7
126	STLS-LADMM-Net: A Deep Network for SAR Autofocus Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	7

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127	High order Doppler parameter estimation of bistatic forward-looking SAR based on CPF-Radon transform. , 2010, , .		6
128	Angular super-resolution algorithm based on maximum entropy for scanning radar imaging. , 2014, , .		6
129	A computationally efficient recursive processing for multi-frame track-before-detect. , 2015, , .		6
130	Realization of airborne forward-looking radar super-resolution algorithm based on GPU frame. , 2016, , .		6
131	An Omega-K algorithm for bistatic forward-looking SAR based on spectrum modeling and optimization. , 2016, , .		6
132	Two-dimensional frequency decoupling method for curved trajectory synthetic aperture radar imaging. IET Radar, Sonar and Navigation, 2018, 12, 766-773.	1.8	6
133	An Inshore Ship Detection Method in SAR Images Based on Contextual Fluctuation Information. , 2019, , .		6
134	Bistatic-Range-Doppler-Aperture Wavenumber Algorithm for Forward-Looking Spotlight SAR With Stationary Transmitter and Maneuvering Receiver. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2080-2094.	6.3	6
135	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
136	Automatic Modulation Recognition for Overlapping Radar Signals based on Multi-Domain SE-ResNeXt. , 2021, , .		6
137	A Superfast Super-Resolution Method for Radar Forward-Looking Imaging. Sensors, 2021, 21, 817.	3.8	6
138	Super-Resolution Imaging for Real Aperture Radar by Two-Dimensional Deconvolution. , 2021, , .		6
139	Scale Expansion Pyramid Network for Cross-Scale Object Detection in Sar Images. , 2021, , .		6
140	A fast algorithm for parameter estimation of multi-component LFM signal at low SNR. , 0, , .		5
141	Research on millimeter-wave image denoising method based on contourlet and compressed sensing. , 2010, , .		5
142	Near-Space slow SAR high-resolution and Wide-Swath imaging concepts. , 2013, , .		5
143	SAR target recognition using nonnegative matrix factorization with $L_{1/2}$ constraint. , 2014, , .		5
144	Improved Doppler parameter estimation of squint SAR based on slope detection. International Journal of Remote Sensing, 2014, 35, 1417-1431.	2.9	5

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145	Bayesian algorithm for high-resolution DOA estimation. Electronics Letters, 2015, 51, 1701-1702.	1.0	5
146	On the spatial resolution metrics of bistatic SAR. , 2016, , .		5
147	A regularization imaging method for forward-looking scanning radar via joint L1-L2 norm constraint. , 2017, , .		5
148	A Bayesian Super-Resolution Method for Forward-Looking Scanning Radar Imaging Based on Split Bregman. , 2018, , .		5
149	Non-stationary Clutter Suppression Approach Based on Cascading Cancellation for Bistatic Forward-looking SAR. , 2019, , .		5
150	Bistatic Forward-Looking SAR Motion Error Compensation Method Based on Keystone Transform and Modified Autofocus Back-Projection. , 2019, , .		5
151	Super-resolution Imaging for Real Aperture Radar by Two-dimensional Inverse Filtering. , 2019, , .		5
152	A Novel Anti-Deceptive Jamming Method for Multistatic SAR. , 2019, , .		5
153	Three Dimensional Electromagnetic Vortex Radar Imaging Based on the Modified RD Algorithm. , 2020, , .		5
154	Online Sparse Reconstruction for Scanning Radar Using Beam-Updating <i>q</i> -SPICE. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
155	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
156	FEF-Net: A Deep Learning Approach to Multiview SAR Image Target Recognition. Remote Sensing, 2021, 13, 3493.	4.0	5
157	Angular Superresolution of Real Aperture Radar Using Online Detect-Before-Reconstruct Framework. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	5
158	Two-dimensional Super-resolution Imaging for Real Aperture Radar by Iterative Adaptive Approach. , 2022, , .		5
159	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
160	Novel method of parameter estimation for moving target in millimeter-wave short-range linear FMCW radar. , 0, , .		4
161	A Modified Dynamic Programming Approach for Dim Target Detection and Tracking. , 2009, , .		4
162	Adaptive polarimetric MIMO radar detection. , 2010, , .		4

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163	A millimeter-wave image denoising method based on adaptive sparse representation. , 2011, , .		4
164	An improved angular super-resolution approach based on constrained optimization. , 2013, , .		4
165	RCS model of ship based on FEKO. , 2013, , .		4
166	Efficient translational variant bistatic SAR raw data generation based on 2D inverse Stolt mapping. , 2013, , .		4
167	Distributed MIMO radar detection with channel evaluation and selection strategy. , 2014, , .		4
168	Adaptive Clutter Nulling Approach for Heterogeneous Environments. Circuits, Systems, and Signal Processing, 2015, 34, 987-1000.	2.0	4
169	Near-Space TOPSAR Large-Scene Full-Aperture Imaging Scheme Based on Two-Step Processing. Sensors, 2016, 16, 1177.	3.8	4
170	High efficient signal processing system for airborne landing aided radar. , 2016, , .		4
171	An Adaptive Moving Target Imaging Method for Bistatic Forward-Looking SAR Using Keystone Transform and Optimization NLCS. Sensors, 2017, 17, 216.	3.8	4
172	Bayesian Superresolution Method of Forward-Looking Imaging with Generalized Gaussian Constraint. , 2018, , .		4
173	A New SAR Image Simulation Method for Sea-Ship Scene. , 2018, , .		4
174	Non-Stop-and-Go Echo Model for Hypersonic-Vehicle-Borne Bistatic Forward-Looking Sar. , 2018, , .		4
175	An Improved Non-Local Means Filter for Sar Image Despeckle Based on Heterogeneity Measurement. , 2018, , .		4
176	Target Aspect Identification in SAR Image: A Machine Learning Approach. , 2018, , .		4
177	Stochastic radiation radar imaging based on the 2-D amplitude-phase orthogonal distribution array. , 2018, , .		4
178	Multi-view SAR ATR based on networks ensemble and graph search. , 2018, , .		4
179	Target recognition for SAR images based on heterogeneous CNN ensemble. , 2018, , .		4
180	Comparison between Resolution Features of BPA and PFA through Wavenumber Domain Analysis for General Spotlight SAR. , 2019, , .		4

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181	Two Dimensional Resolution Equalization Method in Image Domain for Airborne Multi-static SAR. , 2019, , .		4
182	A Multidirectional One-Dimensional Scanning Method for Harbor Detection From SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10003-10016.	4.9	4
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