

# Hongqiang Wang

## List of Publications by Year in descending order

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186  
papers

3,210  
citations

172207

29  
h-index

182168

51  
g-index

186  
all docs

186  
docs citations

186  
times ranked

1816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Orbital-Angular-Momentum-Based Electromagnetic Vortex Imaging. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 711-714.	2.4	247
2	Generation of OAM Beams Using Phased Array in the Microwave Band. IEEE Transactions on Antennas and Propagation, 2016, 64, 3850-3857.	3.1	192
3	Super-resolution radar imaging based on experimental OAM beams. Applied Physics Letters, 2017, 110, .	1.5	138
4	Enhanced Radar Imaging Using a Complex-Valued Convolutional Neural Network. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 35-39.	1.4	133
5	Radar Coincidence Imaging: an Instantaneous Imaging Technique With Stochastic Signals. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2261-2277.	2.7	118
6	ISAR Imaging of Targets With Complex Motion Based on Discrete Chirp Fourier Transform for Cubic Chirps. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4201-4212.	2.7	114
7	On Clutter Sparsity Analysis in Space-Time Adaptive Processing Airborne Radar. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1214-1218.	1.4	103
8	Electromagnetic Vortex Imaging Using Uniform Concentric Circular Arrays. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1024-1027.	2.4	92
9	The Influence of Target Micromotion on SAR and GMTI. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2738-2751.	2.7	84
10	Target Detection Within Nonhomogeneous Clutter Via Total Bregman Divergence-Based Matrix Information Geometry Detectors. IEEE Transactions on Signal Processing, 2021, 69, 4326-4340.	3.2	77
11	Novel Efficient 3D Short-Range Imaging Algorithms for a Scanning 1D-MIMO Array. IEEE Transactions on Image Processing, 2018, 27, 3631-3643.	6.0	71
12	Generation of Orbital Angular Momentum Beams for Electromagnetic Vortex Imaging. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1873-1876.	2.4	65
13	Radar Coincidence Imaging with Stochastic Frequency Modulated Array. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 414-427.	7.3	56
14	Fast Three-Dimensional Image Reconstruction of a Standoff Screening System in the Terahertz Regime. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 38-51.	2.0	56
15	A Novel Method for 3-D Millimeter-Wave Holographic Reconstruction Based on Frequency Interferometry Techniques. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1579-1596.	2.9	51
16	Geometric means and medians with applications to target detection. IET Signal Processing, 2017, 11, 711-720.	0.9	50
17	Beam Steering for Electromagnetic Vortex Imaging Using Uniform Circular Arrays. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 704-707.	2.4	46
18	Matrix CFAR detectors based on symmetrized Kullback-Leibler and total Kullback-Leibler divergences. , 2017, 69, 106-116.		45

#	ARTICLE	IF	CITATIONS
19	Mode Characteristics of Vortical Radio Wave Generated by Circular Phased Array: Theoretical and Experimental Results. IEEE Transactions on Antennas and Propagation, 2017, 65, 688-695.	3.1	44
20	Study on the theory and method of vortex-based electromagnetic wave-based radar imaging. IET Microwaves, Antennas and Propagation, 2016, 10, 961-968.	0.7	43
21	Knowledge-aided STAP with sparse-recovery by exploiting spatio-temporal sparsity. IET Signal Processing, 2016, 10, 150-161.	0.9	39
22	High-Resolution Electromagnetic Vortex Imaging Based on Sparse Bayesian Learning. IEEE Sensors Journal, 2017, 17, 6918-6927.	2.4	38
23	Fast Raw-Signal Simulation of Extended Scenes for Missile-Borne SAR With Constant Acceleration. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 44-48.	1.4	36
24	The Geometry of Signal Detection with Applications to Radar Signal Processing. Entropy, 2016, 18, 381.	1.1	36
25	An Efficient Algorithm for MIMO Cylindrical Millimeter-Wave Holographic 3-D Imaging. IEEE Transactions on Microwave Theory and Techniques, 2018, , 1-10.	2.9	35
26	Sparsity-based space-time adaptive processing using complex-valued Homotopy technique for airborne radar. IET Signal Processing, 2014, 8, 552-564.	0.9	34
27	Three-Dimensional Target Imaging Based on Vortex Stripmap SAR. IEEE Sensors Journal, 2019, 19, 1338-1345.	2.4	34
28	Electromagnetic Vortex-Based Radar Imaging Using a Single Receiving Antenna: Theory and Experimental Results. Sensors, 2017, 17, 630.	2.1	32
29	Microwave Vortex Imaging Based on Dual Coupled OAM Beams. IEEE Sensors Journal, 2020, 20, 806-815.	2.4	32
30	Sparse Auto-Calibration for Radar Coincidence Imaging with Gain-Phase Errors. Sensors, 2015, 15, 27611-27624.	2.1	31
31	Radar coincidence imaging in the presence of target-motion-induced error. Journal of Electronic Imaging, 2014, 23, 023014.	0.5	30
32	Vortex SAR Imaging Method Based on OAM Beams Design. IEEE Sensors Journal, 2019, 19, 11873-11879.	2.4	29
33	Power allocation for range-only localisation in distributed multiple-input multiple-output radar networks – a cooperative game approach. IET Radar, Sonar and Navigation, 2014, 8, 708-718.	0.9	28
34	Microwave imaging of spinning object using orbital angular momentum. Journal of Applied Physics, 2017, 122, .	1.1	28
35	Complementary-based chaotic phase-coded waveforms design for MIMO radar. IET Radar, Sonar and Navigation, 2013, 7, 371-382.	0.9	27
36	Radar coincidence imaging with phase error using Bayesian hierarchical prior modeling. Journal of Electronic Imaging, 2016, 25, 013018.	0.5	27

#	ARTICLE	IF	CITATIONS
37	Sidelobe Suppression and Beam Collimation in the Generation of Vortex Electromagnetic Waves for Radar Imaging. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1289-1292.	2.4	24
38	Minimax robust jamming techniques based on signal-to-interference-plus-noise ratio and mutual information criteria. IET Communications, 2014, 8, 1859-1867.	1.5	23
39	Unknown stochastic signal detection via non-Gaussian noise modeling. , 2015, , .		22
40	Off-Grid Radar Coincidence Imaging Based on Variational Sparse Bayesian Learning. Mathematical Problems in Engineering, 2016, 2016, 1-12.	0.6	22
41	Radar Coincidence Imaging for Off-Grid Target Using Frequency-Hopping Waveforms. International Journal of Antennas and Propagation, 2016, 2016, 1-16.	0.7	22
42	Point Cloud and 3-D Surface Reconstruction Using Cylindrical Millimeter-Wave Holography. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4765-4778.	2.4	21
43	Radiation pattern synthesis for the generation of vortex electromagnetic wave. IET Microwaves, Antennas and Propagation, 2017, 11, 685-694.	0.7	19
44	Geometric target detection based on total Bregman divergence. , 2018, 75, 232-241.		19
45	Orbital-Angular-Momentum-Based ISAR Imaging at Terahertz Frequencies. IEEE Sensors Journal, 2018, 18, 9230-9235.	2.4	19
46	3-D Object Imaging Method With Electromagnetic Vortex. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	19
47	Radar Coincidence Imaging under Grid Mismatch. ISRN Signal Processing, 2014, 2014, 1-8.	2.9	18
48	An Improved PFA With Aperture Accommodation for Widefield Spotlight SAR Imaging. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 3-7.	1.4	17
49	Radar coincidence imaging by exploiting the continuity of extended target. IET Radar, Sonar and Navigation, 2017, 11, 60-69.	0.9	17
50	Information Geometry for Radar Target Detection with Total Jensen-Bregman Divergence. Entropy, 2018, 20, 256.	1.1	17
51	Dynamic waveform selection for manoeuvring target tracking in clutter. IET Radar, Sonar and Navigation, 2013, 7, 815-825.	0.9	16
52	Study on coding strategies for radar coded-aperture imaging in terahertz band. Journal of Electronic Imaging, 2017, 26, 1.	0.5	16
53	Discrete chirp-Fourier transform-based acquisition algorithm for weak global positioning system L5 signals in high dynamic environments. IET Radar, Sonar and Navigation, 2013, 7, 736-746.	0.9	15
54	Experimental research on vehicle-borne SAR imaging with THz radar. Microwave and Optical Technology Letters, 2017, 59, 2048-2052.	0.9	15

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55	A Side-Lobe Suppression Method Based on Coherence Factor for Terahertz Array Imaging. IEEE Access, 2018, 6, 5584-5588.	2.6	15
56	Three-Dimensional Terahertz Coded-Aperture Imaging Based on Single Input Multiple Output Technology. Sensors, 2018, 18, 303.	2.1	13
57	A Compact Methodology to Understand, Evaluate, and Predict the Performance of Automatic Target Recognition. Sensors, 2014, 14, 11308-11350.	2.1	12
58	Sparsity-Based Direct Data Domain Space-Time Adaptive Processing with Intrinsic Clutter Motion. Circuits, Systems, and Signal Processing, 2017, 36, 219-246.	1.2	12
59	Computational imaging with low-order OAM beams at microwave frequencies. Scientific Reports, 2020, 10, 11641.	1.6	12
60	Bistatic Terahertz Radar Azimuth-Elevation Imaging Based on Compressed Sensing. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 702-713.	2.0	11
61	Efficient Terahertz Wide-Angle NUFFT-Based Inverse Synthetic Aperture Imaging Considering Spherical Wavefront. Sensors, 2016, 16, 2120.	2.1	11
62	Polar format algorithm based on fast Gaussian grid non-uniform fast Fourier transform for spotlight synthetic aperture radar imaging. IET Radar, Sonar and Navigation, 2014, 8, 513-524.	0.9	10
63	Vector Bundle Model of Complex Electromagnetic Space and Change Detection. Entropy, 2019, 21, 10.	1.1	10
64	A divergence mean-based geometric detector with a pre-processing procedure. Measurement: Journal of the International Measurement Confederation, 2019, 131, 640-646.	2.5	10
65	Heterogeneous Clutter Suppression via Affine Transformation on Riemannian Manifold of HPD Matrices. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	10
66	Geodesic Normal Coordinate-Based Manifold Filtering for Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	10
67	A Novel Approach to Range Doppler SAR Processing Based on Legendre Orthogonal Polynomials. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 13-17.	1.4	9
68	A Three-Dimensional Surface Imaging Method Using THz Dual-Frequency Interferometry. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1651-1655.	1.4	9
69	An Effective Nonlinear Phase Compensation Method for FMCW Terahertz Radar. IEEE Photonics Technology Letters, 2016, 28, 1684-1687.	1.3	9
70	Micro-Doppler Ambiguity Resolution for Wideband Terahertz Radar Using Intra-Pulse Interference. Sensors, 2017, 17, 993.	2.1	9
71	Near-Field Three-Dimensional Planar Millimeter-Wave Holographic Imaging by Using Frequency Scaling Algorithm. Sensors, 2017, 17, 2438.	2.1	9
72	Experimental Research on Interferometric Inverse Synthetic Aperture Radar Imaging with Multi-Channel Terahertz Radar System. Sensors, 2019, 19, 2330.	2.1	9

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73	Adaptive Matrix Information Geometry Detector With Local Metric Tensor. IEEE Transactions on Signal Processing, 2022, 70, 3758-3773.	3.2	9
74	Parameter Estimation and Image Reconstruction of Rotating Targets with Vibrating Interference in the Terahertz Band. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 909-928.	1.2	8
75	A Fast Terahertz Imaging Method Using Sparse Rotating Array. Sensors, 2017, 17, 2209.	2.1	8
76	Information Geometry for Covariance Estimation in Heterogeneous Clutter with Total Bregman Divergence. Entropy, 2018, 20, 258.	1.1	8
77	Three-Dimensional Terahertz Coded-Aperture Imaging Based on Matched Filtering and Convolutional Neural Network. Sensors, 2018, 18, 1342.	2.1	8
78	Estimation of Translational Motion Parameters in Terahertz Interferometric Inverse Synthetic Aperture Radar (InSAR) Imaging Based on a Strong Scattering Centers Fusion Technique. Remote Sensing, 2019, 11, 1221.	1.8	8
79	Heterogeneous Clutter Suppression for Airborne Radar STAP Based on Matrix Manifolds. Remote Sensing, 2021, 13, 3195.	1.8	8
80	Radar Target Detection With Multi-Task Learning in Heterogeneous Environment. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	8
81	Robust Compressive Terahertz Coded Aperture Imaging Using Deep Priors. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	8
82	Performance bounds of direction finding and its applications for multiple-input multiple-output radar. IET Radar, Sonar and Navigation, 2014, 8, 251-263.	0.9	7
83	Direct Data Domain Sparsity-Based STAP Utilizing Subaperture Smoothing Techniques. International Journal of Antennas and Propagation, 2015, 2015, 1-10.	0.7	7
84	Sparse Bayesian Perspective for Radar Coincidence Imaging With Array Position Error. IEEE Sensors Journal, 2017, 17, 5209-5219.	2.4	7
85	Phaseless Terahertz Coded-Aperture Imaging Based on Incoherent Detection. Sensors, 2019, 19, 226.	2.1	7
86	Terahertz coded-aperture imaging for moving targets based on an incoherent detection array. Applied Optics, 2021, 60, 6809.	0.9	7
87	An efficient mathematical description of range models for high-order-motion targets in synthetic aperture radar. , 2012, , .		6
88	Vibration target detection and vibration parameters estimation based on the DPCA technique in dual-channel SAR. Science China Information Sciences, 2012, 55, 2281-2291.	2.7	6
89	Experimental research on imaging of precession targets with THz radar. Electronics Letters, 2016, 52, 2059-2061.	0.5	6
90	Target detection in sea clutter via weighted averaging filter on the Riemannian manifold. Aerospace Science and Technology, 2017, 70, 47-54.	2.5	6

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91	RCS measurement at terahertz waves for cylinders with different surface roughness. Electronics Letters, 2018, 54, 714-716.	0.5	6
92	Fast Terahertz Coded-Aperture Imaging Based on Convolutional Neural Network. Applied Sciences (Switzerland), 2020, 10, 2661.	1.3	6
93	Microwave computational imaging in frequency domain with reprogrammable metasurface. Journal of Electronic Imaging, 2018, 27, 1.	0.5	6
94	Off-Grid Microwave Coincidence Imaging Based on Directional Grid Fission. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2497-2501.	2.4	6
95	Inverse frequency scaling algorithm (IFSA) for SAR raw data simulation. , 2010, , .		5
96	Generalized ambiguity function analysis of MIMO SAR. , 2012, , .		5
97	Angular resolution limits for coincidence imaging radar based on correlation theory. , 2015, , .		5
98	Radar imaging using electromagnetic wave carrying orbital angular momentum. Journal of Electronic Imaging, 2017, 26, 023016.	0.5	5
99	Bayesian Nonlinear Filtering via Information Geometric Optimization. Entropy, 2017, 19, 655.	1.1	5
100	Three-Dimensional Terahertz Coded-Aperture Imaging Based on Geometric Measures. Sensors, 2018, 18, 1582.	2.1	5
101	Improvement in SNR by Adaptive Range Gates for RCS Measurements in the THz Region. Electronics (Switzerland), 2019, 8, 805.	1.8	5
102	Phaseless Terahertz Coded-Aperture Imaging for Sparse Target Based on Phase Retrieval Algorithm. Sensors, 2019, 19, 4617.	2.1	5
103	Reweighted-Dynamic-Grid-Based Microwave Coincidence Imaging With Grid Mismatch. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	5
104	Three-Dimensional Surface Reconstruction of Space Targets Using a Terahertz MIMO Linear Array Based on Multilayer Wideband Frequency Interferometry Techniques. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 353-366.	2.0	5
105	Adaptive waveform design for maximizing resolvability of targets. , 2013, , .		4
106	The ISAR imaging of ballistic midcourse targets based on Sparse Bayesian Learning. , 2013, , .		4
107	Adaptive waveform design for multi-target classification in signal-dependent interference. , 2014, , .		4
108	Angular extent effect of micromotion target in SAR image by polar format algorithm. Journal of Systems Engineering and Electronics, 2014, 25, 428-433.	1.1	4

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109	Two-dimensional direction-of-arrival estimation and pairing using L-shaped arrays. Signal, Image and Video Processing, 2016, 10, 1511-1518.	1.7	4
110	Velocity estimation of moving target based on concatenated ATI and inverse radon transform in three-channel circular SAR. , 2017, , .		4
111	Envelope Correction of Micro-Motion Targets in the Terahertz ISAR Imaging. Sensors, 2018, 18, 228.	2.1	4
112	Raw Signal Simulation for Multi-Circular Synthetic Aperture Imaging at Terahertz Frequencies. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 377-380.	1.4	4
113	Enhanced Matrix CFAR Detection With Dimensionality Reduction of Riemannian Manifold. IEEE Signal Processing Letters, 2020, 27, 2084-2088.	2.1	4
114	Data-Driven Passive Localization With Non-Cooperative Radiation Sources via Mutually Inverse Networks. IEEE Communications Letters, 2020, 24, 792-796.	2.5	4
115	Nonstationary Moving Target Detection in Spiky Sea Clutter via Time-Frequency Manifold. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	4
116	Low-Grazing Angle Detection in Compound-Gaussian Clutter with Hybrid MIMO Radar. International Journal of Antennas and Propagation, 2013, 2013, 1-8.	0.7	3
117	A Cognition-Based Method to Ease the Computational Load for an Extended Kalman Filter. Sensors, 2014, 14, 23067-23094.	2.1	3
118	Statistical spatial resolution limit for ultrawideband MIMO noise radar. , 2014, , .		3
119	Collision-interference cancellation for space-based AIS using beam synthesis technology with optimal sparse linear array. International Journal of Satellite Communications and Networking, 2017, 35, 109-122.	1.2	3
120	A Doppler aliasing free micro-motion parameter estimation method in the terahertz band. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	3
121	A fast radar coincidence imaging approach for sparse target. , 2017, , .		3
122	Adaptive Translational Motion Compensation Method for Rotational Parameter Estimation Under Low SNR Based on HRRP. IEEE Sensors Journal, 2019, 19, 2553-2561.	2.4	3
123	Parameter estimation and imaging of rough surface rotating targets in the terahertz band. Journal of Applied Remote Sensing, 2017, 11, 1.	0.6	3
124	Translation compensation and micro-Doppler extraction for precession ballistic targets with a wideband terahertz radar. Journal of Electronic Imaging, 2018, 27, 1.	0.5	3
125	Fast Detection and Reconstruction of Tank Barrels Based on Component Prior and Deep Neural Network in the Terahertz Regime. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	3
126	Non-scanning SISO terahertz 3D imaging based on data-driven. Optics Express, 2022, 30, 29329.	1.7	3



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127	Fast simulation of raw signals from natural scenes for squint stripmap SAR. , 2009, , .		2
128	A novel hierarchical bayesian method for SAR image reconstruction. , 2012, , .		2
129	On Unique Localization of Multiple Targets by MIMO Radars. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 949-952.	2.4	2
130	Modified particle implementation of the PHD filter for multi-target tracking. , 2012, , .		2
131	Sparsity-based space-time adaptive processing using complex-valued homotopy technique. , 2013, , .		2
132	Dynamic Compressed HRRP Generation for Random Stepped-Frequency Radar Based on Complex-Valued Fast Sequential Homotopy. Sensors, 2014, 14, 8283-8304.	2.1	2
133	Delay-Doppler average ambiguity function for array radar with stochastic signals. , 2014, , .		2
134	Sparse Bayesian SAR imaging of moving target via the EXCOV method. , 2014, , .		2
135	A sparse Bayesian approach for joint SAR imaging and phase error correction. , 2015, , .		2
136	Off-grid radar coincidence imaging based on block sparse Bayesian learning. , 2015, , .		2
137	Performance Evaluation of Target Detection with a Near-Space Vehicle-Borne Radar in Blackout Condition. Sensors, 2016, 16, 64.	2.1	2
138	A random phase compensation method for terahertz radar. , 2016, , .		2
139	Frequency-hopping code optimization for radar coincidence imaging by exploiting the dictionary matrix. , 2016, , .		2
140	Expansionâ€“compression variance-component-based autofocusing method for joint radar coincidence imaging and gainâ€“phase error calibration. Journal of Applied Remote Sensing, 2017, 11, 025002.	0.6	2
141	Compensation for high frequency vibration in the terahertz radar imaging based on dominant scatterers. , 2017, , .		2
142	Three-Dimensional Terahertz Coded-Aperture Imaging Based on Back Projection. Sensors, 2018, 18, 2510.	2.1	2
143	Adaptive Network Detector for Radar Target in Changing Scenes. Remote Sensing, 2021, 13, 3743.	1.8	2
144	Scattering Characteristics of Vortex Electromagnetic Waves by a Metal Plate. , 2020, , .		2

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145	Coherent-Detecting and Incoherent-Modulating Microwave Coincidence Imaging With Off-Grid Errors. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
146	Radar cross section of the metal sphere from microwave to the optical frequency. , 2014, , .		1
147	Experimental 0.2THz radar system for RCS measurement. , 2015, , .		1
148	Research on characteristics of rough and smooth pedestrian in Terahertz band. , 2016, , .		1
149	Generation of OAM beams with array error contributions. , 2016, , .		1
150	A novel method for parameter estimation of micro-vibration targets with THz radar. , 2016, , .		1
151	Research on imaging of precession targets based on range-instantaneous Doppler in the terahertz band. , 2017, , .		1
152	Spinning target detection using OAM-based radar. , 2017, , .		1
153	Terahertz radar coded-aperture imaging based on wavelet transform and orthogonal matching pursuit. , 2017, , .		1
154	Simultaneous realization of fast scanning and random phase modulation for radar coded-aperture imaging (terahertz band). , 2017, , .		1
155	BM3D vector approximate message passing for radar coded-aperture imaging. , 2017, , .		1
156	Beam synthesis and target detection based on aperture coding metasurface. , 2017, , .		1
157	Research on Life Sign Sensing Based on EMD-ICA in the Terahertz Region. , 2018, , .		1
158	Parameter Estimation of the Precessing Targets with a Wideband Terahertz Radar. , 2018, , .		1
159	Application of Phase Retrieval Algorithms in Terahertz Coded-Aperture Imaging. , 2019, , .		1
160	Phaseless Terahertz Coded-Aperture Imaging Based on Deep Generative Neural Network. Remote Sensing, 2021, 13, 671.	1.8	1
161	Phaseless Terahertz Coded-Aperture Imaging Based on Generative Model. , 2021, , .		1
162	Information geometric approach for nonlinear filtering. , 2017, , .		1

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163	Application of adaptive kernel time-frequency distribution in ISAR imaging with complex motion target. , 2008, , .		0
164	A fast parameter estimation algorithm for polyphase coded CW signals. Journal of Electronics, 2011, 28, 30-37.	0.2	0
165	SAR micromotion target detection based on gapped sine curves. , 2012, , .		0
166	Algorithm for Riemannian manifold learning. , 2012, , .		0
167	Multiple-views real array imaging for terahertz radar. , 2014, , .		0
168	Statistical angular resolution limit for array radar with ultrawideband stochastic signals. , 2014, , .		0
169	A Sparse Bayesian Approach for SAR Imaging with Compensation of Observation Position Error. , 2015, , .		0
170	Statistical Angular Resolution Limit for Ultrawideband MIMO Noise Radar. International Journal of Antennas and Propagation, 2015, 2015, 1-12.	0.7	0
171	Simulation research of terahertz coded-aperture imaging technology with high resolution. , 2016, , .		0
172	Experimental results of concealed object imaging using Terahertz radar. , 2017, , .		0
173	Three-Dimensional image reconstruction for terahertz holographic with sparse random sampling data. , 2017, , .		0
174	Beam synthesis and angle measurement based on aperture coding metasurface. , 2017, , .		0
175	Improving BP efficiency by the manner of offline projection. , 2017, , .		0
176	A millimeter-wave scanning imaging method for fast personal screening. , 2017, , .		0
177	Ground moving target imaging based on motion compensation for circular SAR. , 2017, , .		0
178	Radar coded aperture imaging for three dimensional target. , 2017, , .		0
179	A extended matrix CFAR detector with a pre-processing procedure. , 2017, , .		0
180	RCS Calibration with Cylinder for Terahertz Radar in the Low SNR. , 2018, , .		0

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181	Phase Processing in Millimeter Wave Inverse Synthetic Aperture Radar Imaging of Ship Targets. , 2018, , .		0
182	The Sub-harmonics Suppression Method in Terahertz Inverse Synthetic Aperture Radar Imaging. , 2018, , .		0
183	Electromagnetic Vortex Imaging Based on Coupled OAM Beams at Millimeter-Wave Frequencies. , 2019, , .		0
184	Radar Target Detection Method Based on Neural Network Ensemble. , 2021, , .		0
185	High-resolution Microwave Coincidence Imaging with Synthetic Aperture. , 2021, , .		0
186	Phaseless Terahertz Coded-Aperture Imaging Based on Deep Phase Compensation Gradient Descent Algorithm. , 2021, , .		0