

Guolong Cui

List of Publications by Citations

Source: <https://exaly.com/author-pdf/338592/guolong-cui-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190
papers

2,508
citations

26
h-index

43
g-index

259
ext. papers

3,547
ext. citations

3.4
avg, IF

5.83
L-index

#	Paper	IF	Citations
190	MIMO Radar Waveform Design With Constant Modulus and Similarity Constraints. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 343-353	4.8	231
189	Coherent Integration for Maneuvering Target Detection Based on Radon-Lv $\bar{8}$ Distribution. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1467-1471	3.2	113
188	Fast Non-Searching Method for Maneuvering Target Detection and Motion Parameters Estimation. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 2232-2244	4.8	111
187	Space-Time Transmit Code and Receive Filter Design for Colocated MIMO Radar. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 1116-1129	4.8	94
186	A Fast Maneuvering Target Motion Parameters Estimation Algorithm Based on ACCF. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 270-274	3.2	85
185	Coherent Integration Algorithm for a Maneuvering Target With High-Order Range Migration. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 4474-4486	4.8	81
184	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 356-370	3.7	67
183	MIMO Radar TransmitReceive Design for Moving Target Detection in Signal-Dependent Clutter. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 522-536	6.8	54
182	Quadratic Optimization With Similarity Constraint for Unimodular Sequence Synthesis. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 4756-4769	4.8	43
181	Constrained transmit beampattern design for colocated MIMO radar. <i>Signal Processing</i> , 2018 , 144, 145-154	4.4	43
180	Detection of weak maneuvering target based on keystone transform and matched filtering process. <i>Signal Processing</i> , 2017 , 140, 127-138	4.4	41
179	Human motion recognition exploiting radar with stacked recurrent neural network 2019 , 87, 125-131		41
178	Wideband MIMO Radar Waveform Design. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 3487-3501	4.8	41
177	CLEAN-based coherent integration method for high-speed multi-targets detection. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 1671-1682	1.4	39
176	MIMO Radar Waveform Design in the Presence of Multiple Targets and Practical Constraints. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 1974-1989	4.8	38
175	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 1573-1580	3.7	37
174	STGRFT for Detection of Maneuvering Weak Target With Multiple Motion Models. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1902-1917	4.8	37

173	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2016 , 52, 2803-2814	3-7	36
172	Computationally efficient coherent detection and parameter estimation algorithm for maneuvering target. <i>Signal Processing</i> , 2019 , 155, 130-142	4-4	36
171	Constant modulus sequence set design with good correlation properties. <i>Signal Processing</i> , 2017 , 139, 75-85	4-4	35
170	Local Ambiguity Function Shaping via Unimodular Sequence Design. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 977-981	3-2	35
169	Manoeuvring target detection based on keystone transform and Lv's distribution. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 1234-1242	1-4	34
168	Adaptive Transmit and Receive Beamforming for Interference Mitigation. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 235-239	3-2	33
167	A Coherent Detection and Velocity Estimation Algorithm for the High-Speed Target Based on the Modified Location Rotation Transform. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 2346-2361	4-7	30
166	Radar maneuvering target detection and motion parameter estimation based on TRT-SGRFT. <i>Signal Processing</i> , 2017 , 133, 107-116	4-4	29
165	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 269-283	3-7	28
164	Multichannel and Multiview Imaging Approach to Building Layout Determination of Through-Wall Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014 , 11, 970-974	4-1	26
163	Geometric barycenters for covariance estimation in compound-Gaussian clutter. <i>IET Radar, Sonar and Navigation</i> , 2017 , 11, 404-409	1-4	26
162	. <i>IEEE Sensors Journal</i> , 2015 , 15, 6722-6729	4	25
161	Human body and limb motion recognition via stacked gated recurrent units network. <i>IET Radar, Sonar and Navigation</i> , 2018 , 12, 1046-1051	1-4	25
160	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 2924-2935	3-7	24
159	Wideband MIMO radar beampattern shaping with space-frequency nulling. <i>Signal Processing</i> , 2019 , 160, 80-87	4-4	23
158	Adaptive Bayesian Detection Using MIMO Radar in Spatially Heterogeneous Clutter. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 547-550	3-2	23
157	Exact Distribution for the Product of Two Correlated Gaussian Random Variables. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 1662-1666	3-2	22
156	Antenna deployment method for multistatic radar under the situation of multiple regions for interference. <i>Signal Processing</i> , 2018 , 143, 292-297	4-4	21

155	A template fitting approach for cognitive unimodular sequence design. <i>Signal Processing</i> , 2016 , 128, 360-368	4.4	21
154	Design of Constant Modulus Discrete Phase Radar Waveforms Subject to Multi-Spectral Constraints. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 875-879	3.2	20
153	Radar Detection and Parameter Estimation of High-Speed Target Based on MART-LVT. <i>IEEE Sensors Journal</i> , 2019 , 19, 1478-1486	4	20
152	Multipath Ghost Suppression for Through-the-Wall Imaging Radar via Array Rotating. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018 , 15, 868-872	4.1	19
151	Quadratic Optimization for Unimodular Sequence Design via an ADPM Framework. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 3619-3634	4.8	18
150	WRFRT-based coherent detection and parameter estimation of radar moving target with unknown entry/departure time. <i>Signal Processing</i> , 2020 , 166, 107228	4.4	18
149	Robust Human Targets Tracking for MIMO Through-Wall Radar via Multi-Algorithm Fusion. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 1154-1164	4.7	17
148	GLRT-based Detection Algorithm for Polarimetric MIMO Radar Against SIRV Clutter. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 1033-1048	2.2	17
147	Knowledge-Based Track-Before-Detect Strategies for Fluctuating Targets in χ^2 -Distributed Clutter. <i>IEEE Sensors Journal</i> , 2016 , 16, 7124-7132	4	17
146	Hypersonic Target Detection and Velocity Estimation in Coherent Radar System Based on Scaled Radon Fourier Transform. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6525-6540	6.8	16
145	The Rao and Wald Tests Designed for Distributed Targets with Polarization MIMO Radar in Compound-Gaussian Clutter. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 237-254	2.2	16
144	Reconstruction Filter Design for Stepped-Frequency Continuous Wave. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 4421-4426	4.8	16
143	Beampattern Synthesis With Sidelobe Control and Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 297-310	4.9	16
142	Cognitive Local Ambiguity Function Shaping With Spectral Coexistence. <i>IEEE Access</i> , 2018 , 6, 50077-50086	3.5	16
141	An adaptive sequential estimation algorithm for velocity jamming suppression. <i>Signal Processing</i> , 2017 , 134, 70-75	4.4	13
140	MIMO Radar Moving Target Detection Against Compound-Gaussian Clutter. <i>Circuits, Systems, and Signal Processing</i> , 2014 , 33, 1819-1839	2.2	13
139	Performance Analysis of Colocated MIMO Radars with Randomly Distributed Arrays in Compound-Gaussian Clutter. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 1407-1422	2.2	13
138	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 1871-1882	3.7	12

137	Sidewall Detection Using Multipath in Through-Wall Radar Moving Target Tracking. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015 , 12, 1372-1376	4.1	11
136	Scale-Adaptive Human Target Tracking for Through-Wall Imaging Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 1348-1352	4.1	11
135	Method of Passive MMW Image Detection and Identification for Close Target. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2011 , 32, 102-115	2.2	11
134	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 4749-4766	3.7	11
133	Behind Corner Targets Location Using Small Aperture Millimeter Wave Radar in NLOS Urban Environment. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 460-470	4.7	10
132	Dual-Use Signal Design for Radar and Communication via Ambiguity Function Sidelobe Control. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9781-9794	6.8	10
131	Range jamming suppression with a coupled sequential estimation algorithm. <i>IET Radar, Sonar and Navigation</i> , 2018 , 12, 341-347	1.4	10
130	Joint range-velocity deception jamming suppression for SIMO radar. <i>IET Radar, Sonar and Navigation</i> , 2019 , 13, 113-122	1.4	10
129	Hidden Convexity in Robust Waveform and Receive Filter Bank Optimization Under Range Unambiguous Clutter. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 885-889	3.2	9
128	Detection and Localization for Multiple Stationary Human Targets Based on Cross-Correlation of Dual-Station SFCW Radars. <i>Remote Sensing</i> , 2019 , 11, 1428	5	9
127	Multiple Targets Localization Behind L-Shaped Corner via UWB Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3087-3100	6.8	9
126	Mainlobe jamming suppression for distributed radar via joint blind source separation. <i>IET Radar, Sonar and Navigation</i> , 2019 , 13, 1189-1199	1.4	9
125	Human Target Detection Based on FCN for Through-the-Wall Radar Imaging. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 1565-1569	4.1	9
124	Multipath Analysis and Exploitation for MIMO Through-the-Wall Imaging Radar. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 3721-3731	4.7	9
123	Range migration correction for maneuvering target based on generalized keystone transform 2015		8
122	Toeplitz Structured Covariance Matrix Estimation for Radar Applications. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 595-599	3.2	8
121	High speed maneuvering target detection based on joint keystone transform and CP function 2014 ,		8
120	Waveform design for MIMO radar with constant modulus and similarity constraints 2014 ,		8

119	Similarity-based multipath suppression algorithm for through-wall imaging radar. <i>IET Radar, Sonar and Navigation</i> , 2017 , 11, 1041-1050	1.4	8
118	Multi-frequency and multi-domain human activity recognition based on SFCW radar using deep learning. <i>Neurocomputing</i> , 2021 , 444, 274-287	5.4	8
117	Multi-Spectrally Constrained MIMO Radar Beampattern Design via Sequential Convex Approximation. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022 , 1-1	3.7	8
116	On the Electromagnetic Diffraction Propagation Model and Applications. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 884-895	4.7	7
115	NLOS Target Localization Behind an L-Shaped Corner With an L-Band UWB Radar. <i>IEEE Access</i> , 2020 , 8, 31270-31286	3.5	7
114	Track-before-detect for fluctuating targets in heterogeneous clutter 2014 ,		7
113	Phase-Modulated Waveform Evaluation and Selection Strategy in Compound-Gaussian Clutter. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1143-1148	4.8	7
112	Efficient phase-modulated waveform design for active sensing systems 2014 ,		7
111	Human Motion Serialization Recognition With Through-the-Wall Radar. <i>IEEE Access</i> , 2020 , 8, 186879-186889	3.9	7
110	Dual-Use Unimodular Sequence Design via Frequency Nulling Modulation. <i>IEEE Access</i> , 2018 , 6, 62470-62481	3.9	7
109	Constrained radar waveform design algorithm for spectral coexistence. <i>Electronics Letters</i> , 2017 , 53, 558-560	1.1	6
108	Range walk correction and velocity estimation for high-speed target detection 2017 ,		6
107	Detection and RM correction approach for manoeuvring target with complex motions. <i>IET Signal Processing</i> , 2017 , 11, 378-386	1.7	6
106	Multiple moving targets tracking for through-wall imaging radar 2015 ,		6
105	First-Order Rear-Wall Multipath Positioning and Suppression for Through-Wall Imaging Radar. <i>IEEE Sensors Journal</i> , 2018 , 1-1	4	6
104	Mutual Information based Partial Band Coexistence for Joint Radar and Communication System 2019 ,		6
103	Two-step GLRT design of MIMO radar in compound-Gaussian clutter 2010 ,		6
102	Integrated Waveform Design for MIMO Radar and Communication via Spatio-Spectral Modulation. <i>IEEE Transactions on Signal Processing</i> , 2022 , 1-1	4.8	6

101	Robust constrained waveform design for MIMO radar with uncertain steering vectors. <i>Eurasip Journal on Advances in Signal Processing</i> , 2017 , 2017,	1.9	5
100	A novel noncoherent localization approach for through-the-wall radar 2017 ,		5
99	A fast implementation of Dynamic Programming based Track-Before-Detect for radar system 2015 ,		5
98	Main lobe jamming suppression via blind source separation sparse signal recovery with subarray configuration. <i>IET Radar, Sonar and Navigation</i> , 2020 , 14, 431-438	1.4	5
97	Moving Target Localization Behind L-shaped Corner With a UWB Radar 2019 ,		5
96	Corner target positioning with unknown walls' positions. <i>Journal of Engineering</i> , 2019 , 2019, 6143-6146	0.7	5
95	Multi-Frame Integration Method for Radar Detection of Weak Moving Target. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3609-3624	6.8	5
94	Multipath ghosts location and sub-aperture based suppression algorithm for TWIR 2016 ,		5
93	A new approach for design of constant modulus discrete phase radar waveform with low WISL. <i>Signal Processing</i> , 2021 , 187, 108145	4.4	5
92	Cognitive radar sequence design under the spectral compatibility requirements. <i>IET Radar, Sonar and Navigation</i> , 2017 , 11, 759-767	1.4	4
91	Optimized phase-coded waveform design against velocity deception 2015 ,		4
90	Phased array beamforming with practical constraints. <i>Signal Processing</i> , 2020 , 176, 107698	4.4	4
89	Mainlobe jamming suppression via blind source separation 2018 ,		4
88	Multipath Ghost and Side/Grating Lobe Suppression Based on Stacked Generative Adversarial Nets in MIMO Through-Wall Radar Imaging. <i>IEEE Access</i> , 2019 , 7, 143367-143380	3.5	4
87	Coherent unambiguous transmit for sparse linear array with geography constraint. <i>IET Radar, Sonar and Navigation</i> , 2017 , 11, 386-393	1.4	4
86	Multi-Spectrally Constrained Transceiver Design against Signal-Dependent Interference. <i>IEEE Transactions on Signal Processing</i> , 2022 , 1-1	4.8	4
85	Extreme Eigenvalues-Based Detectors for Spectrum Sensing in Cognitive Radio Networks. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	4
84	OQAM-OFDM Radar Approximated IRCI-Free Pulse Compression. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 10009-10018	6.8	4

83	Beampattern Synthesis via the Constrained Subarray Layout Optimization. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 182-194	4.9	4
82	Building Layout Tomographic Reconstruction via Commercial WiFi Signals. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	4
81	Through-Wall Human Motion Recognition Based on Transfer Learning and Ensemble Learning. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	4
80	Radar waveform design against signal-dependent jamming 2017 ,		3
79	A modified adaptive multi-pulse compression algorithm for fast implementation 2015 ,		3
78	Particle filtering for target tracking using plot-sequences of multi-frame track before detect 2015 ,		3
77	Multipath model and ghosts localization for MIMO through-wall radar 2018 ,		3
76	Performance of Localization Estimation Rate for Radar-Communication system 2019 ,		3
75	Distributed MIMO radar detection with channel evaluation and selection strategy 2014 ,		3
74	Multi-target localization for noncoherent MIMO radar with widely separated antennas 2014 ,		3
73	Wall compensation algorithm for through-wall-radar building layout imaging 2014 ,		3
72	A correlation-based signal detection algorithm in passive radar with DVB-T2 emitter 2014 ,		3
71	GLRT design for polarimetric MIMO radar in non-Gaussian clutter 2011 ,		3
70	Multipath Imaging for NLOS Targets Behind an L-Shaped Corner With Single-Channel UWB Radar. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	3
69	MIMO Radar Localization of Targets Behind L-shaped Corners 2020 ,		3
68	MIMO Radar Beampattern Formation with Spectral Coexistence Via Sequential Convex Approximation 2021 ,		3
67	Multipath Ghost Suppression Based on Generative Adversarial Nets in Through-Wall Radar Imaging. <i>Electronics (Switzerland)</i> , 2019 , 8, 626	2.6	3
66	ResNet-Based Counting Algorithm for Moving Targets in Through-the-Wall Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 1034-1038	4.1	3

65	Multi-View Real-Time Human Motion Recognition Based on Ensemble Learning. <i>IEEE Sensors Journal</i> , 2021 , 21, 20335-20347	4	3
64	Adaptive Detection of Distributed Targets in Gaussian Clutter Based on Multiple A-Priori Spectral Models. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 420-434	2.2	2
63	Detection of weak maneuvering target based on KT-MFP 2017 ,		2
62	Optimized phase-coded waveforms design against range repeat jamming 2015 ,		2
61	Constant Modulus Waveform Design for Wideband MIMO Radar Beampattern 2019 ,		2
60	Performance prediction of the incoherent radar detector for Generalized Swerling-Chi fluctuating targets 2012 ,		2
59	Wideband Beampattern Synthesis using Single Digital Beamformer with Integer Time Delay Filters. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
58	Target Tracking and Ghost Mitigation Based on Multi-view Through-the-wall Radar Imaging 2020 ,		2
57	Continuous Human Activity Recognition through Parallelism LSTM with Multi-Frequency Spectrograms. <i>Remote Sensing</i> , 2021 , 13, 4264	5	2
56	UMPI Test in SIRV Distribution for the Multi-Rank Signal Model. <i>IEICE Transactions on Communications</i> , 2011 , E94-B, 368-371	0.5	2
55	Closed Summation Expressions for PD and PFA of Adaptive Sidelobe Blanker Detection Algorithm. <i>IEICE Transactions on Communications</i> , 2012 , E95-B, 676-679	0.5	2
54	Fast implementation for modified adaptive multi-pulse compression. <i>Eurasip Journal on Advances in Signal Processing</i> , 2016 , 2016,	1.9	2
53	Beampattern Synthesis via First-Order Iterative Convex Approximation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1493-1497	3.8	2
52	Joint cognitive optimization of transmit waveform and receive filter against deceptive interference. <i>Signal Processing</i> , 2021 , 185, 108084	4.4	2
51	Integrated radar and communication system based on stepped frequency continuous waveform 2015 ,		1
50	Track-before-detect for fluctuating targets using phase information 2015 ,		1
49	Hidden Convexity in Robust Waveform and Receive Filter Bank Optimization for Range Unambiguous Clutter 2020 ,		1
48	Constant false alarm rate performance prediction for non-independent and non-identically distributed gamma fluctuating targets. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 992-1000	1.4	1

47	Coupled sequential detection and estimation procedure for track-before-detect. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 1168-1177	1.4	1
46	Tasks scheduling for multistatic radar network 2016 ,		1
45	Human Target Tracking for Small Aperture Through-wall Imaging Radar 2019 ,		1
44	OQAM-OFDM Signal based Radar IRCI Free Range Reconstruction 2019 ,		1
43	MIMO radar detection in compound-Gaussian clutter with inverse Gaussian texture 2014 ,		1
42	Multiple sensor Multi-Bernoulli filter based track-before-detect for polarimetric MIMO radars 2014 ,		1
41	Adaptive Bayesian detection using polarimetric MIMO radar in spatially heterogeneous clutter 2014 ,		1
40	MIMO radar moving target detection in compound-Gaussian clutter 2014 ,		1
39	Signal detection with compressive measurements in correlated noise 2012 ,		1
38	Theoretical analysis of the sequential lobing technique for correlated targets. <i>IET Radar, Sonar and Navigation</i> , 2013 , 7, 443-450	1.4	1
37	A Multi-Domain Fusion Human Motion Recognition Method Based on Lightweight Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1	1
36	Graph Matching Based Image Registration for Multi-View Through-the-Wall Imaging Radar. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	1
35	Cognitive Wideband Beamforming for Sparse Array 2020 ,		1
34	Finite Alphabet Unimodular Sequence Design With Low WISL Via An Inexact ADPM Framework 2020 ,		1
33	Three-Dimensional Down-View Imaging Based on MIMO Through-Wall-Radar 2020 ,		1
32	A Real-time Human Activity Recognition Method for Through-the-Wall Radar 2020 ,		1
31	Coherent Radar Detection Framework With Non-Uniform Pulse Repetition Intervals. <i>IEEE Access</i> , 2020 , 8, 18645-18657	3.5	1
30	Toeplitz Structured Covariance Matrix Estimation for Radar Applications 2020 ,		1

29	Transceiver Design in Signal-Dependent Interference and Spectrally Dense Environments 2020 ,		1
28	Preferential optimal antenna placement for MIMO radar under the situation of multiple surveillance regions 2016 ,		1
27	NLOS Targets Imaging with UWB Radar 2019 ,		1
26	Prediction-based PSO algorithm for MIMO radar antenna deployment in dynamic environment. <i>Journal of Engineering</i> , 2019 , 2019, 6646-6650	0.7	1
25	Wideband frequency-invariant beamforming with dynamic range ratio constraints. <i>Signal Processing</i> , 2021 , 181, 107908	4.4	1
24	A Fast Approach for Detection and Parameter Estimation of Maneuvering Target With Complex Motions in Coherent Radar System. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1
23	Ultrawideband Tomographic Imaging in Multipath-Rich Environment. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	1
22	Narrow-Band Through-Wall Imaging with Received Signal Strength Data 2018 ,		1
21	Nonline-of-Sight 3-D Imaging Using Millimeter-Wave Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-18	8.1	1
20	Computational Efficient Segmented Integration Method for High-speed Maneuvering Target Detection. <i>Signal Processing</i> , 2022 , 108475	4.4	0
19	Fusion Test Statistics Based Mixture Detector for Spectrum Sensing. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	0
18	Eigenvalues-Based Detector Design for Radar Small Floating Target Detection in Sea Clutter. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	0
17	Coherent detection method for maneuvering target with complex motions. <i>Journal of Engineering</i> , 2019 , 2019, 8032-8036	0.7	0
16	Transmit-Receive Design for Non-Uniform Pulse Repetition Interval Airborne Radar in the Presence of Signal-Dependent Clutter 2020 ,		0
15	A suppression method against range deception jamming based on homologous localisation test. <i>Journal of Engineering</i> , 2019 , 2019, 6961-6965	0.7	0
14	Particle-filter-based human target tracking in image domain for through-wall imaging radar. <i>Journal of Engineering</i> , 2019 , 2019, 6549-6553	0.7	0
13	Iterative Sequential Estimation for Multiple Structured Signals. <i>IEEE Access</i> , 2020 , 8, 44452-44458	3.5	
12	Micro-motion target sensing by stepped-frequency continuous-wave radar. <i>Journal of Electronics</i> , 2009 , 26, 782-787		

11	Transmit-Receive Beamforming for Distributed Phased-MIMO Radar System. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8
10	Reiterative MSMIL-Based Interference Suppression Algorithm Combined with Two-Dimensional Adaptive Beamforming. <i>IEICE Transactions on Communications</i> , 2011 , E94-B, 1519-1521	0.5
9	A Joint Iterative Tomographic Imaging Approach With Dual-Band Signals. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8
8	Multipath False Target Removal for Indoor Localization. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 1367-1378	0.2
7	Human Target Localization in the U-Shaped Structure via UWB Radar. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 3103-3112	0.2
6	Cognitive Waveform Design with Desired Spectrum-Autocorrelation Properties. <i>Signal Processing</i> , 2022 , 108576	4.4
5	Fast Single-Snapshot DOA Estimation of Coherent Sources for Distributed mmWave Radar System. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5
4	Constant modulus sequence set design with low weighted integrated sidelobe level in spectrally crowded environments. <i>Science China Information Sciences</i> , 2022 , 65, 1	3.4
3	Joint Estimation of Target Range and Velocity for Radar System via Complex-Valued Kernel Quasi-Newton Method. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2
2	First Sidelobe Analysis of Spatial Spectrum for Distributed Dual mmWave Radars. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 21, 948-952	3.8
1	GCN-Enhanced Multidomain Fusion Network for Through-Wall Human Activity Recognition. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1