

Wen-Qin Wang

List of Publications by Year in Descending Order

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

234
papers

4,237
citations

35
h-index

56
g-index

279
ext. papers

5,635
ext. citations

3.5
avg, IF

6.87
L-index

#	Paper	IF	Citations
234	DOA Estimation Using Coprime Array in the Presence of Unknown Nonuniform Noise. <i>Circuits, Systems, and Signal Processing</i> , 2022 , 41, 3000	2.2	1
233	A Low Sidelobe Deceptive Jamming Suppression Beamforming Method with a Frequency Diverse Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	3
232	Bayesian Detection in Gaussian Clutter For FDA-MIMO Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	0
231	Resolving Doppler Ambiguity of High-Speed Moving Targets via FDA-MIMO Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1	
230	Frequency Diverse Array Introduced into SAR GMTI to Mitigate Blind Velocity and Doppler Ambiguity. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 1-1	4.1	0
229	Angle Estimation for Bistatic MIMO Radar Using One-Bit Sampling via Atomic Norm Minimization. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022 , 1-1	3.7	
228	DOA Estimation of Coherent Sources using Coprime Array via Atomic Norm Minimization. <i>IEEE Signal Processing Letters</i> , 2022 , 1-1	3.2	2
227	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	2
226	Adaptive Moving Target Detection Without Training Data for FDA-MIMO Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	4
225	Low PAPR OFDM-Chirp Modulation Signaling Scheme 2021 ,		1
224	Mixed targets localization using symmetric nested frequency diverse array radar. <i>IET Signal Processing</i> , 2021 , 15, 1-13	1.7	1
223	Adaptive Detection With Bayesian Framework for FDA-MIMO Radar. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-1	4.1	1
222	2-D DOA Estimation for Nested Conformal Arrays via Sparse Reconstruction. <i>IEEE Communications Letters</i> , 2021 , 25, 980-984	3.8	0
221	Broadband Electronically Scanned Reflectarray Antenna With Liquid Crystals. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 396-400	3.8	5
220	Mutual interference alignment for co-existing radar and communication systems 2021 , 112, 103004		1
219	Cognitive FDA radar transmit power allocation for target tracking in spectrally dense scenario. <i>Signal Processing</i> , 2021 , 183, 108006	4.4	1
218	Target localization in distributed MIMO radars via improved semidefinite relaxation. <i>Journal of the Franklin Institute</i> , 2021 , 358, 5588-5598	4	4

217	Automatic modulation recognition based on mixed-type features. <i>International Journal of Electronics</i> , 2021 , 108, 105-114	1.2	2
216	Symmetric Displaced Coprime Array Configurations for Mixed Near- and Far-Field Source Localization. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 465-477	4.9	22
215	Sparse Array Beamforming Design for Coherently Distributed Sources. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2628-2636	4.9	1
214	Transmit beamspace design for FDAMIMO radar with alternating direction method of multipliers. <i>Signal Processing</i> , 2021 , 180, 107832	4.4	6
213	FDA radar with doppler-spreading consideration: Mainlobe clutter suppression for blind-doppler target detection. <i>Signal Processing</i> , 2021 , 179, 107773	4.4	7
212	Two-dimensional direction-of-arrival estimation for cylindrical nested conformal arrays. <i>Signal Processing</i> , 2021 , 179, 107838	4.4	2
211	Joint Two-Dimensional Deception Countering ISAR via Frequency Diverse Array. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 773-777	3.2	3
210	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	0
209	2-D Moving Target Deception Against Multichannel SAR-GMTI Using Frequency Diverse Array. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	3
208	Augmented Covariance Matrix Reconstruction for DOA Estimation Using Difference Coarray. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	14
207	Detecting High-Speed Maneuvering Targets by Exploiting Range-Doppler Relationship for LFM Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 2209-2218	6.8	1
206	FDA Based QSM for mmWave Wireless Communications: Frequency Diverse Transmitter and Reduced Complexity Receiver. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 4571-4584	9.6	2
205	Interference Utilization for Spectrum Sharing Radar-Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 8304-8308	6.8	1
204	Localization deception performance of FDA signals under passive bi-satellite reconnaissance. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	0
203	FDA-MIMO radar covariance matrix estimation via shrinkage processing 2021 , 118, 103206		1
202	Analysis of beampattern dwell time for planar frequency diverse array. <i>IET Signal Processing</i> , 2021 , 15, 40-45	1.7	1
201	Coarray Interpolation for DOA Estimation Using Coprime EMVS Array. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 548-552	3.2	5
200	DOA estimation and tracking for FDA-MIMO radar signal 2020 , 106, 102858		6

199	Sparse Array Design for Adaptive Beamforming via Semidefinite Relaxation. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 925-929	3.2	2
198	Ambient Backscatter Communication With Frequency Diverse Array for Enhanced Channel Capacity and Detection Performance. <i>IEEE Sensors Journal</i> , 2020 , 20, 10876-10885	4	8
197	Manifold Sensitivity Analysis of Frequency Diverse Array. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1020-1024	3.2	1
196	Antenna Beampattern With Range Null Control Using Weighted Frequency Diverse Array. <i>IEEE Access</i> , 2020 , 8, 50107-50117	3.5	4
195	Direction-of-Arrival Estimation of Coherent Signals via Coprime Array Interpolation. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 585-589	3.2	47
194	Joint Spatial-Spectral Smoothing in a Minimum-Volume Simplex for Hyperspectral Image Super-Resolution. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 237	2.6	4
193	Robust and Efficient Adaptive Beamforming Using Nested Subarray Principles. <i>IEEE Access</i> , 2020 , 8, 40764-40852	3.5	2
192	Multi-Feature Fusion and Enhancement Single Shot Detector for Traffic Sign Recognition. <i>IEEE Access</i> , 2020 , 8, 38931-38940	3.5	22
191	Generalized Ambiguity Function for FDA Radar Joint Range, Angle and Doppler Resolution Evaluation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 1-5	4.1	4
190	Multi-Scene Deception Jamming on SAR Imaging With FDA Antenna. <i>IEEE Access</i> , 2020 , 8, 7058-7069	3.5	12
189	Information geometry resolution optimization for frequency diverse array in DOA estimation. <i>Signal Processing</i> , 2020 , 169, 107376	4.4	2
188	Robust adaptive beamforming via coprime coarray interpolation. <i>Signal Processing</i> , 2020 , 169, 107382	4.4	36
187	A Novel Approach for Spaceborne SAR Scattered-Wave Deception Jamming Using Frequency Diverse Array. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 1568-1572	4.1	12
186	Millimeter-Wave Broadband Tunable Band-Pass Filter Based on Liquid Crystal Materials. <i>IEEE Access</i> , 2020 , 8, 1339-1346	3.5	1
185	Manifold studies of FDA geometries for joint angle and range estimation. <i>Signal Processing</i> , 2020 , 170, 107438	4.4	1
184	Range-ambiguous clutter characteristics in airborne FDA radar. <i>Signal Processing</i> , 2020 , 170, 107407	4.4	2
183	Adaptive transmit array sidelobe control using FDA-MIMO for tracking in joint radar-communications 2020 , 97, 102619		13
182	Low-complexity GLRT for FDA radar without training data 2020 , 107, 102861		5

181	Ambiguity Function-Based ESPRIT Algorithm for FDA-MIMO Radar Target Localization 2020 ,		2
180	Robust DOA Estimation Against Mutual Coupling With Nested Array. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1360-1364	3.2	9
179	Frequency Diverse Array Beampattern Synthesis With Taylor Windowed Frequency Offsets. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1901-1905	3.8	15
178	Calibrating Nonuniform Linear Arrays With Model Errors Using a Source at Unknown Location. <i>IEEE Communications Letters</i> , 2020 , 24, 2917-2921	3.8	1
177	Source localisation using TDOA and FDOA measurements under unknown noise power knowledge. <i>IET Signal Processing</i> , 2020 , 14, 435-439	1.7	1
176	A Lightweight Faster R-CNN for Ship Detection in SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 1-5	4.1	16
175	Physical-Layer Security for Frequency Diverse Array Communication System Over Nakagami-m Fading Channels. <i>IEEE Systems Journal</i> , 2020 , 14, 2370-2381	4.3	5
174	Integrated Communication and Localization System With OFDM-Chirp Waveform. <i>IEEE Systems Journal</i> , 2020 , 14, 2464-2472	4.3	3
173	Liquid Crystal-Based Wideband Reconfigurable Leaky Wave X-Band Antenna. <i>IEEE Access</i> , 2019 , 7, 127320-127326	3.5	12
172	Ergodic Interference Alignment for Spectrum Sharing Radar-Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9785-9796	6.8	12
171	High-Precision Imaging Algorithm for Highly Squinted SAR With 3D Acceleration. <i>IEEE Access</i> , 2019 , 7, 130399-130409	3.5	1
170	Spatial Smoothing PAST Algorithm for DOA Tracking Using Difference Coarray. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1623-1627	3.2	12
169	Two-stage ESPRIT for unambiguous angle and range estimation in FDA-MIMO radar 2019 , 92, 151-165		18
168	Frequency Diverse Array Beampattern Synthesis Using Symmetrical Logarithmic Frequency Offsets for Target Indication. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3505-3509	4.9	35
167	On Physical-Layer Security of FDA Communications Over Rayleigh Fading Channels. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019 , 5, 476-490	6.6	15
166	Space-Time Modulated Wideband Array Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1081-1085	3.8	5
165	A modified Omega-K algorithm for squint circular trace scanning SAR using improved range model. <i>Signal Processing</i> , 2019 , 160, 59-65	4.4	3
164	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3139-3152	3.7	28

163	Statistical Analysis for Time Modulation-Based Frequency Diverse Array Beampattern. <i>IEEE Access</i> , 2019 , 7, 84142-84154	3.5	3
162	Temporal Focusing Effects of Time-Reversal Frequency Diverse Array Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1858-1862	3.8	1
161	Cognitive FDA-MIMO With Channel Uncertainty Information for Target Tracking. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019 , 5, 963-975	6.6	5
160	Time-Modulated OFDM Directional Modulation Transmitters. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8249-8253	6.8	6
159	Active Frequency Diverse Array Counteracting Interferometry-Based DOA Reconnaissance. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1922-1925	3.8	7
158	Range-Angle-Dependent Beampattern Synthesis With Null Depth Control for Joint Radar Communication. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1741-1745	3.8	15
157	Localization of Mixed Near-Field and Far-Field Sources Using Symmetric Double-Nested Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 7059-7070	4.9	40
156	Joint Precoding Spatial and Rotating Symbol Modulation for Physical-Layer Security. <i>IEEE Communications Letters</i> , 2019 , 23, 2150-2153	3.8	2
155	Robust adaptive beamforming using a novel signal power estimation algorithm 2019 , 95, 102574		10
154	Joint admission control and beamforming in maxmin fairness networks. <i>IET Communications</i> , 2019 , 13, 1953-1961	1.3	2
153	On RF localisation deception capability of FDA signal under interferometry reconnaissance. <i>Journal of Engineering</i> , 2019 , 2019, 6695-6698	0.7	0
152	MISC Array: A New Sparse Array Design Achieving Increased Degrees of Freedom and Reduced Mutual Coupling Effect. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1728-1741	4.8	107
151	Frequency Diverse Phased Arrays 2019 , 1-14		
150	Fast algorithm for moving target localisation using FDA-MIMO radar. <i>Journal of Engineering</i> , 2019 , 2019, 5749-5752	0.7	
149	Clutter simulation and characterisation of space-borne GEO-LEO radar. <i>Journal of Engineering</i> , 2019 , 2019, 7415-7418	0.7	
148	Adaptive transmit beamspace design for cognitive FDA radar tracking. <i>IET Radar, Sonar and Navigation</i> , 2019 , 13, 2083-2092	1.4	4
147	Source localization using TDOA and FDOA measurements based on semidefinite programming and reformulation linearization. <i>Journal of the Franklin Institute</i> , 2019 , 356, 11817-11838	4	6
146	FDA-MIMO Signal Processing for Mainlobe Jammer Suppression 2019 ,		4

145	Computational Efficient DOA, DOD, and Doppler Estimation Algorithm for MIMO Radar. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 44-48	3.2	12
144	Retrodirective Frequency Diverse Array Focusing for Wireless Information and Power Transfer. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 61-73	14.2	24
143	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 1368-1380	3.7	9
142	Communication-embedded OFDM chirp waveform for delay-Doppler radar. <i>IET Radar, Sonar and Navigation</i> , 2018 , 12, 353-360	1.4	14
141	Nested Array Sensor With Grating Lobe Suppression and Arbitrary Transmit/Receive Beam pattern Synthesis. <i>IEEE Access</i> , 2018 , 6, 9227-9237	3.5	3
140	Hybrid MIMO and Phased-Array Directional Modulation for Physical Layer Security in mmWave Wireless Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1383-1396	14.2	41
139	Mixed far-field and near-field source localization based on subarray cross-cumulant. <i>Signal Processing</i> , 2018 , 150, 51-56	4.4	30
138	Coherent Pulsed-FDA Radar Receiver Design With Time-Variance Consideration: SINR and CRB Analysis. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 200-214	4.8	59
137	Cognitive Target Tracking via Angle-Range-Doppler Estimation With Transmit Subaperturing FDA Radar. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2018 , 12, 76-89	7.5	29
136	Physical-Layer Security for Proximal Legitimate User and Eavesdropper: A Frequency Diverse Array Beamforming Approach. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 671-684	8	43
135	Ultrawideband Frequency-Diverse Array Antennas: Range-Dependent and Autoscanning Beam pattern Applications. <i>IEEE Antennas and Propagation Magazine</i> , 2018 , 60, 48-56	1.7	12
134	Time-Modulated FD-MIMO Array for Integrated Radar and Communication Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1015-1019	3.8	26
133	FDS-MIMO Radar Low-Altitude Beam Coverage Performance Analysis and Optimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 2494-2506	4.8	6
132	Search-Free DOD, DOA and Range Estimation for Bistatic FDA-MIMO Radar. <i>IEEE Access</i> , 2018 , 6, 15431-15445	3.5	20
131	Range-Angle Localization of Targets With Planar Frequency Diverse Subaperturing MIMO Radar. <i>IEEE Access</i> , 2018 , 6, 12505-12517	3.5	9
130	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 284-294	3.7	84
129	Classification and localization of mixed near-field and far-field sources using mixed-order statistics. <i>Signal Processing</i> , 2018 , 143, 134-139	4.4	37
128	Sparsity-aware transmit beamspace design for FDA-MIMO radar. <i>Signal Processing</i> , 2018 , 144, 99-103	4.4	89

127	Covariance Matrix Reconstruction With Interference Steering Vector and Power Estimation for Robust Adaptive Beamforming. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 8495-8503	6.8	49
126	Experimental Demonstration of FTN-NRZ, PAM-4, and Duobinary Based on 10-Gbps Optics in 100G-EPON. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-13	1.8	6
125	Secrecy Capacity Analysis of AN-Aided FDA Communication Over Nakagami- m Fading. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 1034-1037	5.9	13
124	Localization of Mixed Far-Field and Near-Field Sources via Cumulant Matrix Reconstruction. <i>IEEE Sensors Journal</i> , 2018 , 18, 7671-7680	4	22
123	Dual-function FDA MIMO radar-communications system employing costas signal waveforms 2018 ,		12
122	Symmetrical logarithmic frequency diverse array for target imaging 2018 ,		1
121	General receiver design for FDA radar 2018 ,		7
120	2-D DOA Estimation of Multiple Signals Based on Sparse L-Shaped Array. <i>IEICE Transactions on Communications</i> , 2018 , E101.B, 383-391	0.5	1
119	Two-dimensional direction estimation of multiple signals using two parallel sparse linear arrays. <i>Signal Processing</i> , 2018 , 143, 112-121	4.4	10
118	Impaired Array Diagnosis and Mitigation With Khatri-Rao Processing. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 2354-2358	3.8	1
117	Deceptive Jamming on Space-Borne Sar Using Frequency Diverse Array 2018 ,		10
116	Highly Squinted Imaging for Diving SAR with 3-Dacceleration 2018 ,		2
115	Efficient BeamSpace-Based Algorithm for Two-Dimensional DOA Estimation of Incoherently Distributed Sources in Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 11776-11789	6.8	48
114	An efficient method for angular parameter estimation of incoherently distributed sources via beamspace shift invariance 2018 , 83, 261-270		9
113	Range-Dependent Spatial Modulation Using Frequency Diverse Array for OFDM Wireless Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10886-10895	6.8	17
112	Joint Range, Angle and Doppler Estimation for FDA-MIMO Radar 2018 ,		2
111	Generalized Linear Frequency Diverse Array Manifold Curve Analysis. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 768-772	3.2	4
110	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 2873-2887	3.7	11

109	Experimental demonstration of 25-Gb/s downstream transmission using 10-Gbps optics for next-generation PONs. <i>Optics Communications</i> , 2018 , 427, 209-214	2	
108	OFDM chirp radar for adaptive target detection in low grazing angle. <i>IET Signal Processing</i> , 2018 , 12, 613-619	1.7	10
107	MIMO radar OFDM chirp waveform diversity design with sparse modeling and joint optimization. <i>Multidimensional Systems and Signal Processing</i> , 2017 , 28, 237-249	1.8	5
106	Directional Modulation Using Frequency Diverse Array For Secure Communications. <i>Wireless Personal Communications</i> , 2017 , 95, 2679-2689	1.9	27
105	Introduction to the Special Issue on Time/Frequency Modulated Array Signal Processing. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2017 , 11, 225-227	7.5	17
104	Secure directional modulation using frequency diverse array antenna 2017 ,		16
103	Optimization of frequency increments via CRLB minimization for frequency diverse array 2017 ,		1
102	Frequency diverse array radar in counteracting mainlobe jamming signals 2017 ,		5
101	Navigation and Remote Sensing using Near-space Satellite Platforms 2017 , 221-245		
100	Cognitive FDA-MIMO radar for LPI transmit beamforming. <i>IET Radar, Sonar and Navigation</i> , 2017 , 11, 1574-1580	1.4	11
99	Three-Dimensional Microwave Imaging for Concealed Weapon Detection Using Range Stacking Technique. <i>International Journal of Antennas and Propagation</i> , 2017 , 2017, 1-11	1.2	9
98	Time-modulated FDA for physical-layer security. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 1274-1279	1.6	10
97	OFDM chirp waveform diversity for co-designed radar-communication system 2017 ,		4
96	DM using FDA antenna for secure transmission. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 336-345	1.6	32
95	Carrier Frequency and DOA Estimation of Sub-Nyquist Sampling Multi-Band Sensor Signals. <i>IEEE Sensors Journal</i> , 2017 , 17, 7470-7478	4	14
94	Robust Adaptive Beamforming Against Mutual Coupling Based on Mutual Coupling Coefficients Estimation. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9124-9133	6.8	29
93	. <i>IEEE Aerospace and Electronic Systems Magazine</i> , 2017 , 32, 46-52	2.4	15
92	Bayesian information criterion for multidimensional sinusoidal order selection 2017 ,		4

91	Sparse reconstruction-based beampattern synthesis for multi-carrier frequency diverse array antenna 2017 ,		2
90	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2017 , 11, 228-246	7.5	108
89	Frequency Diverse Array Transmit Beampattern Optimization With Genetic Algorithm. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 469-472	3.8	58
88	Joint Sparsity-Based Range-Angle-Dependent Beampattern Synthesis for Frequency Diverse Array. <i>IEEE Access</i> , 2017 , 5, 15152-15161	3.5	7
87	Time-invariant transmit beampattern synthesis via weight design for FDA radar 2016 ,		10
86	Sparse reconstruction-based angle-range-polarization-dependent beamforming with polarization sensitive frequency diverse array 2016 ,		2
85	Forward-looking SAR imaging with frequency diverse array antenna 2016 ,		5
84	Nested array receiver with time-delayers for joint target range and angle estimation. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 1384-1393	1.4	19
83	Decoupled frequency diverse array range-angle-dependent beampattern synthesis using non-linearly increasing frequency offsets. <i>IET Microwaves, Antennas and Propagation</i> , 2016 , 10, 880-884	1.6	52
82	Range-azimuth decouple beamforming for frequency diverse array with Costas-sequence modulated frequency offsets. <i>Eurasip Journal on Advances in Signal Processing</i> , 2016 , 2016,	1.9	12
81	Transmit Beamspace Design for Multi-Carrier Frequency Diverse Array Sensor. <i>IEEE Sensors Journal</i> , 2016 , 16, 5709-5714	4	34
80	Cognitive target tracking using FDA radar for increased SINR performance 2016 ,		2
79	Two-Dimensional Spectrum for Circular Trace Scanning SAR Based on an Implicit Function. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 887-891	4.1	12
78	Large time-bandwidth product OFDM chirp waveform diversity using for MIMO radar. <i>Multidimensional Systems and Signal Processing</i> , 2016 , 27, 145-158	1.8	6
77	Dot-Shaped Range-Angle Beampattern Synthesis for Frequency Diverse Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1703-1706	3.8	80
76	Moving-Target Tracking by Cognitive RF Stealth Radar Using Frequency Diverse Array Antenna. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 3764-3773	8.1	48
75	FDA radar using Costas sequence modulated frequency increments 2016 ,		10
74	Cognitive frequency diverse array radar with situational awareness. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 359-369	1.4	29

73	Overview of frequency diverse array in radar and navigation applications. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 1001-1012	1.4	96
72	Tensor Decomposition and PCA Jointed Algorithm for Hyperspectral Image Denoising. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 897-901	4.1	22
71	Frequency diverse array and MIMO hybrid radar transmitter design via Cramér-Rao lower bound minimisation. <i>IET Radar, Sonar and Navigation</i> , 2016 , 10, 1660-1670	1.4	17
70	Optimal Frequency Diverse Subarray Design With Cramér-Rao Lower Bound Minimization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1188-1191	3.8	29
69	Impact of frequency increment errors on frequency diverse array MIMO in adaptive beamforming and target localization 2015 , 44, 58-67		26
68	Carrier Frequency Synchronization in Distributed Wireless Sensor Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 703-713	4.3	19
67	Spread Spectrum-Coded OFDM Chirp Waveform Diversity Design. <i>IEEE Sensors Journal</i> , 2015 , 15, 5694-5700	4.0	15
66	Multichannel SAR Using Waveform Diversity and Distinct Carrier Frequency for Ground Moving Target Indication. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 5040-5051	4.7	10
65	. <i>IEEE Sensors Journal</i> , 2015 , 15, 984-993	4	16
64	MIMO SAR OFDM Chirp Waveform Diversity Design With Random Matrix Modulation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 1615-1625	8.1	83
63	Nested array with time-delayers for target range and angle estimation 2015 ,		3
62	Focusing translational-variant bistatic forward-looking synthetic aperture radar data using extended azimuth non-linear chirp scaling algorithm. <i>Electronics Letters</i> , 2015 , 51, 2041-2043	1.1	0
61	Frequency Diverse Array MIMO Radar Adaptive Beamforming with Range-Dependent Interference Suppression in Target Localization. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-10	1.2	10
60	MIMO Antennas in Radar Applications. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-2	1.2	1
59	Frequency Diverse Array Antenna: New Opportunities. <i>IEEE Antennas and Propagation Magazine</i> , 2015 , 57, 145-152	1.7	124
58	Bayesian Inverse Synthetic Aperture Radar Imaging by Exploiting Sparse Probing Frequencies. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1698-1701	3.8	11
57	Adaptive RF stealth beamforming for frequency diverse array radar 2015 ,		7
56	Impaired Sensor Diagnosis, Beamforming, and DOA Estimation With Difference Co-Array Processing. <i>IEEE Sensors Journal</i> , 2015 , 15, 3773-3780	4	35

55	Transponder-aided joint calibration and synchronization compensation for distributed radar systems. <i>PLoS ONE</i> , 2015 , 10, e0119174	3.7	2
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