Zishu He

List of Publications by Year in Descending Order

178 papers	1,687 citations	20 h-index	35 g-index
244 ext. papers	2,393 ext. citations	3.1 avg, IF	5.42 L-index

#	Paper	IF	Citations
178	Regularized Covariance Estimation for Polarization Radar Detection in Compound Gaussian Sea Clutter. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 1-1	8.1	2
177	Receive filter design for MIMO radar with one-bit ADCs **2022**, 123, 103363		
176	Polarimetric Target Detection in Compound Gaussian Sea Clutter With Inverse Gaussian Texture. *IEEE Geoscience and Remote Sensing Letters*, **2022**, 1-1	4.1	1
175	Visual Object Tracking for Unmanned Aerial Vehicles Based on the Template-Driven Siamese Network. *Remote Sensing*, **2022**, 14, 1584	5	1
174	Tracking of Maneuvering Extended Target Using Modified Variable Structure Multiple-Model Based on Adaptive Grid Best Model Augmentation. *Remote Sensing*, **2022**, 14, 1613	5	1
173	An Effective Method for Small Targets Detection in Synthetic Aperture Radar Images Under Complex Background. *IEEE Access*, **2022**, 10, 44224-44230	3.5	0
172	One-Bit ADCs/DACs based MIMO Radar: Performance Analysis and Joint Design. *IEEE Transactions on Signal Processing*, **2022**, 1-1	4.8	0
171	Beampattern Synthesis using Quantized Phase Control via Multi-point Iterative Gradient Descent. *IEEE Communications Letters*, **2021**, 1-1	3.8	1
170	Hybrid Beamforming Design for OFDM Dual-Function Radar-Communication System. *IEEE Journal on Selected Topics in Signal Processing*, **2021**, 15, 1455-1467	7.5	6
169	Covariance Matrix Whitening-Based Training Sample Selection Method for Airborne Radar. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 647-651	4.1	2
168	Mutual Information-Based Waveform Design for MIMO Radar Space-Time Adaptive Processing. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 59, 2909-2921	8.1	10
167	Joint design of the transmit and receive beamforming for multi-mission MIMO radar. *Signal Processing*, **2021**, 180, 107890	4.4	1
166	Waveform Design for Collocated MIMO Radar With High-Mix-Low-Resolution ADCs. *IEEE Transactions on Signal Processing*, **2021**, 69, 28-41	4.8	2
165	Beampattern Synthesis for Phased Array With Dual-Phase-Shifter Structure. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	2
164	Joint Waveform Control and Resource Optimization for Maneuvering Targets Tracking in Netted Colocated MIMO Radar Systems. *IEEE Systems Journal*, **2021**, 1-12	4.3	1
163	Tracking of Multiple Maneuvering Random Hypersurface Extended Objects Using High Resolution Sensors. *Remote Sensing*, **2021**, 13, 2963	5	3
162	Transmit Sequence Design for Dual-Function Radar-Communication System With One-Bit DACs. *IEEE Transactions on Wireless Communications*, **2021**, 20, 5846-5860	9.6	7

161	Modeling and Tracking of Maneuvering Extended Object With Random Hypersurface. *IEEE Sensors Journal*, **2021**, 21, 20552-20562	4	1
160	Angle-Doppler Channel Selection Method for Reduced-Dimension STAP Based on Sequential Convex Programming. *IEEE Communications Letters*, **2021**, 25, 3080-3084	3.8	3
159	Hybrid Beamforming for Multi-Carrier Dual-Function Radar-Communication System. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 1002-1015	6.6	8
158	Coherent detection and parameter estimation for ground moving target based on MLRT-IDCFT **2021**, 103259		1
157	Beampattern synthesis for large-scale antenna array via accurate array response control **2021**, 117, 103152		0
156	Persymmetric Range-Spread Targets Detection in Compound Gaussian Sea Clutter With Inverse Gaussian Texture. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	2
155	Adaptive CFAR Detectors for Mismatched Signal in Compound Gaussian Sea Clutter With Inverse Gaussian Texture. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	1
154	. *IEEE Transactions on Aerospace and Electronic Systems*, **2020**, 56, 3985-4000	3.7	7
153	A Modified Sequential Multiplexed Method for Detecting Airborne and Sea Targets With Over-the-Horizon Radar. *IEEE Access*, **2020**, 8, 84082-84092	3.5	2
152	Communication-awareness joint beams and power allocation scheme of radar network for manoeuvring targets tracking. *IET Radar, Sonar and Navigation*, **2020**, 14, 207-215	1.4	2
151	Co-Design of Waveform Correlation Matrix and Antenna Positions for MIMO Radar Transmit Beampattern Formation. *IEEE Sensors Journal*, **2020**, 20, 7326-7336	4	4
150	Super Resolution DOA Based on Relative Motion for FMCW Automotive Radar. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8698-8709	6.8	9
149	Constrained waveform design for dual-functional MIMO radar-Communication system. *Signal Processing*, **2020**, 171, 107530	4.4	11
148	Long-Time Coherent Integration for Maneuvering Target Detection Based on ITRT-MRFT. *IEEE Sensors Journal*, **2020**, 20, 3718-3731	4	11
147	Approach of 2D direction of arrival estimation of FMCW traffic radar by utilising 1D array. *Electronics Letters*, **2020**, 56, 97-99	1.1	1
146	Training-free moving target detection with uncertain a priori knowledge for airborne radar. *IET Radar, Sonar and Navigation*, **2020**, 14, 372-380	1.4	3
145	. *IEEE Transactions on Aerospace and Electronic Systems*, **2020**, 56, 497-511	3.7	12
144	Coarseness in OTHR Image and Its Application for Diagonal Loading Factor Determination. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 1523-1527	4.1	0

143	Phased-Array Transmission for Secure mmWave Wireless Communication via Polygon Construction. *IEEE Transactions on Signal Processing*, **2020**, 68, 327-342	4.8	11
142	Transmitter polarization optimization for space-time adaptive processing with diversely polarized antenna array. *Signal Processing*, **2020**, 169, 107401	4.4	4
141	Spectrally Compatible Waveform Design for MIMO Radar With ISL and PAPR Constraints. *IEEE Sensors Journal*, **2020**, 20, 2368-2377	4	8
140	Tracking of Multiple Closely Spaced Extended Targets Based on Prediction-Driven Measurement Sub-Partitioning Algorithm. *Applied Sciences (Switzerland)*, **2020**, 10, 5004	2.6	
139	Hybrid Transceiver Design for Dual-Functional Radar-Communication System **2020**,		2
138	Joint Waveform Selection and Time-Space Resource Management in Netted Colocated MIMO Radar System for Multi-target Tracking **2020**,		2
137	Joint Design of Transmitting Waveforms and Receiving Filter for MIMO-STAP Airborne Radar. *Circuits, Systems, and Signal Processing*, **2020**, 39, 1489-1508	2.2	7
136	. *IEEE Transactions on Aerospace and Electronic Systems*, **2020**, 56, 785-795	3.7	10
135	Transmit Signal Design for Large-Scale MIMO System With 1-bit DACs. *IEEE Transactions on Wireless Communications*, **2019**, 18, 4466-4478	9.6	20
134	Joint Design for MIMO Radar and Downlink Communication Systems Coexistence **2019**,		1
133	Fast Array Response Adjustment With Phase-Only Constraint: A Geometric Approach. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 6439-6451	4.9	5
132	Extraction of sea-clutter and RFI regions based on image segmentation for high-frequency sky-wave radar. *IET Radar, Sonar and Navigation*, **2019**, 13, 58-64	1.4	3
131	Transmit Beampattern Design for MIMO Radar with One-bit DACs **2019**,		4
130	Knowledge-Aided Target Detection for Multistatic Passive Radar. *IEEE Access*, **2019**, 7, 53463-53475	3.5	3
129	Flexible Array Response Control via Oblique Projection. *IEEE Transactions on Signal Processing*, **2019**, 67, 3126-3139	4.8	14
128	Online Antenna-Pulse Selection for STAP by Exploiting Structured Covariance Matrix. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2019**, E102.A, 296-299	0.4	1
127	Pattern Synthesis via Oblique Projection-Based Multipoint Array Response Control. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 4602-4616	4.9	9
126	. *IEEE Sensors Journal*, **2019**, 19, 6956-6965	4	3

125	Adaptive JSPA in distributed colocated MIMO radar network for multiple targets tracking. *IET Radar, Sonar and Navigation*, **2019**, 13, 410-419	1.4	18
124	Constant modulus waveform design for high frequency radar using optimal filter **2019**, 89, 82-90		3
123	A nonlinear-ADMM method for designing MIMO radar constant modulus waveform with low correlation sidelobes. *Signal Processing*, **2019**, 159, 93-103	4.4	14
122	An Approach to Robust INS/UWB Integrated Positioning for Autonomous Indoor Mobile Robots. *Sensors*, **2019**, 19,	3.8	20
121	Robust Sidelobe Control via Complex-Coefficient Weight Vector Orthogonal Decomposition. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 5411-5425	4.9	3
120	Data-dependent reduced-dimension STAP. *IET Radar, Sonar and Navigation*, **2019**, 13, 1287-1294	1.4	2
119	. *IEEE Transactions on Aerospace and Electronic Systems*, **2019**, 55, 2066-2078	3.7	11
118	Joint Design of the Transmit and Receive Beamforming in MIMO Radar Systems. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 7919-7930	6.8	25
117	A Fast Method for Array Response Adjustment with Phase-Only Constraint **2019**,		1
116	Waveform Design for MIMO Radar Transmit Beampattern Formation With Good Range Sidelobes **2019**,		2
115	Direct Data Domain STAP Based on Atomic Norm Minimization **2019**,		3
114	A Crowd Behavior Identification Method Combining the Streakline With the High-Accurate Variational Optical Flow Model. *IEEE Access*, **2019**, 7, 114572-114581	3.5	3
113	Target Detection Performance of Collocated MIMO Radar With One-Bit ADCs. *IEEE Signal Processing Letters*, **2019**, 26, 1832-1836	3.2	11
112	Co-Design for Overlaid MIMO Radar and Downlink MISO Communication Systems via Cram□Rao Bound Minimization. *IEEE Transactions on Signal Processing*, **2019**, 67, 6227-6240	4.8	25
111	Fast long-time coherent integration algorithm for detecting manoeuvring targets with high-order motion parameters based on GKT and ISCPF. *IET Radar, Sonar and Navigation*, **2019**, 13, 1313-1322	1.4	0
110	Radio frequency interference suppression filters design for HF radar based on SOCP. *Journal of Engineering*, **2019**, 2019, 7885-7889	0.7	
109	Knowledge-aided detection for airborne MIMO radar by exploiting structured clutter spectrum. *IET Radar, Sonar and Navigation*, **2019**, 13, 612-619	1.4	2
108	GLRT Detectors for Airborne Radar Based on Knowledge-Aided and Compressive Sensing **2019**,		1

107	Low sidelobe waveform design with constant modulus constraint for high-frequency radar. *Journal of Engineering*, **2019**, 2019, 6085-6089	0.7	
106	Binary waveform design for MIMO radar with good transmit beampattern performance. *Electronics Letters*, **2019**, 55, 1061-1063	1.1	1
105	OPARC: Optimal and Precise Array Response Control Algorithm—Part I: Fundamentals. *IEEE Transactions on Signal Processing*, **2019**, 67, 652-667	4.8	19
104	OPARC: Optimal and Precise Array Response Control Algorithm—Part II: Multi-Points and Applications. *IEEE Transactions on Signal Processing*, **2019**, 67, 668-683	4.8	16
103	. *IEEE Transactions on Aerospace and Electronic Systems*, **2018**, 54, 1432-1441	3.7	3
102	Transmit Designs for Spectral Coexistence of MIMO Radar and MIMO Communication Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2018**, 65, 2072-2076	3.5	23
101	MIMO Radar Waveform Design With PAPR and Similarity Constraints. *IEEE Transactions on Signal Processing*, **2018**, 66, 968-981	4.8	67
100	Pattern Synthesis for Arbitrary Arrays via Weight Vector Orthogonal Decomposition. *IEEE Transactions on Signal Processing*, **2018**, 66, 1286-1299	4.8	28
99	Robust adaptive beamforming of coherent signals in the presence of the unknown mutual coupling. *IET Communications*, **2018**, 12, 75-81	1.3	6
98	Joint System Design for Coexistence of MIMO Radar and MIMO Communication. *IEEE Transactions on Signal Processing*, **2018**, 66, 3504-3519	4.8	99
97	. *IEEE Transactions on Aerospace and Electronic Systems*, **2018**, 54, 1197-1207	3.7	9
96	Distributed Airborne MIMO Radar Detection in Compound-Gaussian Clutter without Training Data. *Circuits, Systems, and Signal Processing*, **2018**, 37, 4617-4636	2.2	5
95	Knowledge-Aided Covariance Matrix Estimation via Kronecker Product Expansions for Airborne STAP. *IEEE Geoscience and Remote Sensing Letters*, **2018**, 15, 527-531	4.1	21
94	Robust adaptive beamforming for multiple-input multiple-output radar with spatial filtering techniques. *Signal Processing*, **2018**, 143, 152-160	4.4	24
93	Sparse recovery based moving range-spread target detection for distributed airborne MIMO radar **2018**,		1
92	Modified Generalized Sidelobe Canceller for Nonuniform Linear Array Radar Space-Time Adaptive Processing. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2018**, E101.A, 1585-1587	0.4	
91	DOA and phase error estimation using one calibrated sensor in ULA. *Multidimensional Systems and Signal Processing*, **2018**, 29, 523-535	1.8	7
90	Linear Regression Based Clutter Reconstruction for STAP. *IEEE Access*, **2018**, 6, 56862-56869	3.5	3

89	Clutter Rank Estimation for Diving Platform Radar. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2018**, E101.A, 600-603	0.4	
88	An Approach to Multi-Sensor Decision Fusion Based on the Improved Jousselme Evidence Distance **2018**,		4
87	Spectrally Compatible Waveform Design for MIMO Radar Transmit Beampattern with Par and Similarity Constraints **2018**,		3
86	Comments on Waveform Optimization for Transmit Beamforming With MIMO Radar Antenna Array *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 6463-6463	4.9	3
85	Reduced-dimension STAP using a modified generalised sidelobe canceller for collocated MIMO radars. *IET Radar, Sonar and Navigation*, **2018**, 12, 1476-1483	1.4	2
84	Communication-Aware Waveform Design for MIMO Radar With Good Transmit Beampattern. *IEEE Transactions on Signal Processing*, **2018**, 66, 5549-5562	4.8	60
83	Spectrally Compatible Waveform Design for MIMO Radar in the Presence of Multiple Targets. *IEEE Transactions on Signal Processing*, **2018**, 66, 3543-3555	4.8	42
82	Robust Beamforming Based on Steering Vector and Covariance Matrix Estimation. *Circuits, Systems, and Signal Processing*, **2018**, 37, 4665-4682	2.2	3
81	ASCRL evaluation with parametrically constrained covariance matrix. *Electronics Letters*, **2018**, 54, 718-720	1.1	
80	Joint optimization of covariance matrix and antenna position for MIMO radar transmit beampattern matching design **2018**,		4
79	High-Performance Beampattern Synthesis via Linear Fractional Semidefinite Relaxation and Quasi-Convex Optimization. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3421-3431	4.9	17
78	$text {A}^text {2}text {RC}$: An Accurate Array Response Control Algorithm for Pattern Synthesis. *IEEE Transactions on Signal Processing*, **2017**, 65, 1810-1824	4.8	38
77	CFAR Knowledge-Aided Radar Detection With Heterogeneous Samples. *IEEE Signal Processing Letters*, **2017**, 24, 693-697	3.2	8
76	Robust transmit beampattern matching synthesis for MIMO radar. *Electronics Letters*, **2017**, 53, 620-622	1.1	16
75	Approach for transient interference detection based on straight line extraction for high-frequency sky-wave radar. *Electronics Letters*, **2017**, 53, 618-620	1.1	2
74	Pattern synthesis for arbitrary arrays by accurately controlling response level **2017**,		1
73	Minimum redundancy space-time adaptive processing utilizing reconstructed covariance matrix **2017**,		4
72	Kronecker Product PCA for structured covariance matrix of airborne radar STAP **2017**,		2

71	Constant Modulus Waveform Design for MIMO Radar Transmit Beampattern. *IEEE Transactions on Signal Processing*, **2017**, 65, 4912-4923	4.8	95
70	Alternating direction method of multipliers for MIMO radar waveform design **2017**,		3
69	Thinned knowledge-aided STAP by exploiting structural covariance matrix. *IET Radar, Sonar and Navigation*, **2017**, 11, 1266-1275	1.4	16
68	Polarimetric Detection in Compound Gaussian Clutter With Kronecker Structured Covariance Matrix. *IEEE Transactions on Signal Processing*, **2017**, 65, 4562-4576	4.8	9
67	Pattern Synthesis With Multipoint Accurate Array Response Control. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 4075-4088	4.9	23
66	Finite data performance analysis of a sidelobe canceller. *Multidimensional Systems and Signal Processing*, **2017**, 28, 1737-1756	1.8	
65	Polarimetric detection for vector-sensor processing in quaternion proper Gaussian noises. *Multidimensional Systems and Signal Processing*, **2016**, 27, 597-618	1.8	4
64	Performance analysis of airborne LFMCW-MIMO vitual array radar **2016**,		1
63	CRB for joint estimation of moving target in distributed phased array radars on moving platforms **2016**,		2
62	An Enhanced Distributed Adaptive Direct Position Determination. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2016**, E99.A, 1005-1010	0.4	
61	Transient Interference Mitigation via Supervised Matrix Completion. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 907-911	4.1	5
60	Geometric algebra in electronics and information engineering: An introduction. *International Journal of Electrical Engineering and Education*, **2016**, 53, 252-269	0.6	1
59	Mainlobe interference suppression with eigenprojection algorithm and similarity constraints. *Electronics Letters*, **2016**, 52, 228-230	1.1	14
58	Joint Estimation of Time Delay and Clock Error in the Incoherent Reception Systems. *Circuits, Systems, and Signal Processing*, **2016**, 35, 3284-3309	2.2	2
57	Data Association in Bistatic MIMO of T/R-R Mode: Basis Decision and Performance Analysis. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2016**, E99.A, 1567-1575	0.4	
56	A robust colored-loading factor optimization approach for knowledge-aided STAP **2016**,		2
55	Transmit and receive sensors joint selection for MIMO radar tracking based on PCRLB **2016**,		1
54	Moving platform based distributed MIMO radar detection in compound-Gaussian clutter without training data **2016**,		2

53	A Generalized Covariance Matrix Taper Model for KA-STAP in Knowledge-Aided Adaptive Radar. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2016**, E99.A, 1163-1170	0.4	
52	MIMO-OTH Radar: Signal Model for Arbitrary Placement and Signals With Non-Point Targets. *IEEE Transactions on Signal Processing*, **2015**, 63, 1846-1857	4.8	8
51	MIMO Radar Transmit Beampattern Matching Design. *IEEE Transactions on Signal Processing*, **2015**, 63, 2049-2056	4.8	49
50	An effective scheme for radio frequency interference suppression in high-frequency radar **2015**,		3
49	Waveform design based on environmental sensing for sky-wave over-the-horizon radar **2015**,		2
48	Time Difference Estimation Based on Blind Beamforming for Wideband Emitter. *IEICE Transactions on Information and Systems*, **2015**, E98.D, 1386-1390	0.6	
47	Beamspace reduced-dimension space□time adaptive processing for multiple-input multiple-output radar based on maximum cross-correlation energy. *IET Radar, Sonar and Navigation*, **2015**, 9, 772-777	1.4	8
46	Multipath Time Delay Estimation Based on Gibbs Sampling under Incoherent Reception Environment. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2015**, E98.A, 1300-1304	0.4	3
45	Time delay estimation in the presence of clock frequency error **2014**,		3
44	. *IEEE Transactions on Aerospace and Electronic Systems*, **2014**, 50, 254-264	3.7	38
43	A modified dimension-reduced space-time adaptive processing method **2014**,		2
42	Multiple-input□multiple-output radar multistage multiple-beam beamspace reduced-dimension space-time adaptive processing. *IET Radar, Sonar and Navigation*, **2013**, 7, 295-303	1.4	10
41	Adaptive direct position determination of emitters based on time differences of arrival **2013**,		5
40	Approximate maximum likelihood time differences estimation in the presence of frequency and phase consistence errors **2013**,		4
39	MIMO radar dwell scheduling based on novel pulse interleaving technique. *Journal of Systems Engineering and Electronics*, **2013**, 24, 234-241	1.3	10
38	Super-resolution time delay estimation in multipath environments using normalized cross spectrum **2013**,		3
37	Study on synchronization and parameters insensitivity of a class of hyperchaotic systems using nonlinear feedback control. *Nonlinear Dynamics*, **2012**, 67, 1515-1523	5	7
36	A Frequency Domain LMS Algorithm with Dynamic Selection of Frequency Bins. *Circuits, Systems, and Signal Processing*, **2012**, 31, 2103-2118	2.2	1

35	CLEAN algorithm based direct-path-interference and multi-path-interference suppression in Bistatic MIMO Radar **2012**,		2
34	An effective target tracking algorithm with anti-RGPO ability **2012**,		1
33	An analysis of anti-TDOA positioning capability for MIMO radar **2012**,		1
32	A new frequency source based on Sigma Delta and CORDIC **2012**,		2
31	A special complex-valued simplicial canonical piecewise linear function for amplifier and predistorter nonlinearity representation. *IEICE Electronics Express*, **2011**, 8, 1556-1561	0.5	1
30	A variable step size subband affine projection algorithm with dynamic selection of subband filters. *IEICE Electronics Express*, **2011**, 8, 715-721	0.5	
29	An algorithm for precisely estimating loop-delay in digital predistortion system **2010**,		2
28	Correction to "A Modified Real GA for the Sparse Linear Array Synthesis With Multiple Constraints" [Jul 06 2169-2173]. *IEEE Transactions on Antennas and Propagation*, **2010**, 58, 3770-3770	4.9	
27	Binary orthogonal code design for MIMO radar systems **2010**,		2
26	An LMS-based close-loop digital predistorter for RF power amplifiers using NARMA structure **2010**,		1
25	MIMO Radar Waveform Design via Alternating Projection. *IEEE Transactions on Signal Processing*, **2010**, 58, 1440-1445	4.8	24
24	A low-cost echo cancellation algorithm in DTMB On-Channel Repeater **2010**,		1
23	DOA Identification of Communication Emitters Based on Shapiro-Wilk Test and Divisive Hierarchical Cluster Analysis **2010**,		1
22	On the maximum likelihood method for target localization using MIMO radars. *Science China Information Sciences*, **2010**, 53, 2127-2137	3.4	3
21	Synthesis of thinned conical arrays using simulated annealing algorithm **2009**,		1
20	Potential for Incorrect Solutions of Continuous-Time LTI System Problems When Using Eigenfunctions. *IEEE Transactions on Education*, **2008**, 51, 288-289	2.1	1
19	Comments on "Discrete Frequency-Coding Waveform Design for Netted Radar Systems". *IEEE Signal Processing Letters*, **2008**, 15, 449-451	3.2	15
18	Mitigation of autocorrelation sidelobe peaks of orthogonal discrete frequency-coding waveform for MIMO radar **2008**,		2

17	Multiple-target localization and estimation of MIMO radars using Capon and APES techniques **2008**,		2
16	Multiple-target localization and estimation of MIMO radars with unknown transmitted signals **2008** ,		1
15	An Improved Radar Detection Algorithm Based on Hough Transform. *Sensing and Imaging*, **2008**, 9, 1-7	1.4	3
14	Orthogonal Discrete Frequency-Coding Waveform design for MIMO radar. *Journal of Electronics*, **2008**, 25, 471-476		6
13	Optimization of Orthogonal Discrete Frequency-Coding Waveform Based on Modified Genetic Algorithm for MIMO Radar **2007**,		11
12	. *IEEE Transactions on Antennas and Propagation*, **2007**, 55, 1067-1073	4.9	128
11	Optimization of polyphase code based on ambiguity function for MIMO radar **2007**,		1
10	Subspace-Based Method for Multiple-Target Localization Using MIMO Radars **2007**,		8
9	Multibeam Amplitude Comparison Problems for MIMO Radar's Angle Measurement. *Conference Record of the Asilomar Conference on Signals, Systems and Computers*, **2007**,	0.3	6
8	Correction to "Synthesis of sparse planar arrays using modified real genetic algorithm". *IEEE Transactions on Antennas and Propagation*, **2007**, 55, 1471-1471	4.9	0
7	Design and Implementation of Optical True Time Delay in Optically Controlled Phased Array Antennas **2006**,		2
6	Polyphase Orthogonal Code Design for MIMO Radar Systems **2006**,		55
5	A Novel Doppler Radar Using only Two Pulses **2006**,		2
4	A modified real GA for the sparse linear array synthesis with multiple constraints. *IEEE Transactions on Antennas and Propagation*, **2006**, 54, 2169-2173	4.9	144
3	Design of 2-Dimension Sparse Arrays using an Improved Genetic Algorithm		4
2	Communication-awareness adaptive resource scheduling strategy for multiple target tracking in a multiple radar system. *IET Signal Processing*,	1.7	1
1	Phase-only transmit beampattern design for large phased array antennas with multi-point nulling. *Multidimensional Systems and Signal Processing*,1	1.8	