

# Antonio De Maio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1639256/publications.pdf>

Version: 2024-02-01

184  
papers

6,123  
citations

53794

45  
h-index

76900

74  
g-index

186  
all docs

186  
docs citations

186  
times ranked

2124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Plasma Media With Weak Scintillation on the Detection Performance of Spaceborne Radars. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
2	Quasi-Orthogonal Waveforms for Ambiguity Suppression in Spaceborne Quad-Pol SAR. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	21
3	Assessing Power Amplifier Impairments and Digital Predistortion on Radar Waveforms for Spectral Coexistence. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 635-650.	4.7	11
4	Enhanced Target Localization With Deployable Multiplatform Radar Nodes Based on Non-Convex Constrained Least Squares Optimization. IEEE Transactions on Signal Processing, 2022, 70, 1282-1294.	5.3	8
5	Multi-Spectrally Constrained Transceiver Design Against Signal-Dependent Interference. IEEE Transactions on Signal Processing, 2022, 70, 1320-1332.	5.3	39
6	MIMO SBR via Code Division Multiplexing for Track While Simultaneous Search. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	2
7	Adaptive Radar Detection in Gaussian Interference Using Clutter-Free Training Data. IEEE Transactions on Signal Processing, 2022, 70, 978-993.	5.3	7
8	Polarimetric FDA-MIMO Radar Detection. , 2022, , .		0
9	On Radar Transceiver Design against Signal-Dependent Interference with Discrete-Phase Codes and Multiple Spectral Constraints. , 2022, , .		0
10	ATOM for MLE of Toeplitz Structured Covariance Matrices for RADAR Applications. , 2022, , .		2
11	Spaceborne Radar Sensor Architecture for Debris Detection and Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6621-6636.	6.3	8
12	GLRT-Based Adaptive Target Detection in FDA-MIMO Radar. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 597-613.	4.7	99
13	Experimental Analysis of Block-Sparsity-Based Spectrum Sensing Techniques for Cognitive Radar. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 355-370.	4.7	13
14	Adaptive Target Separation Detection. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 293-309.	4.7	4
15	Adaptive Radar Detection in Low-Rank Heterogeneous Clutter via Invariance Theory. IEEE Transactions on Signal Processing, 2021, 69, 1492-1506.	5.3	15
16	Reconfigurable Intelligent Surfaces for N-LOS Radar Surveillance. IEEE Transactions on Vehicular Technology, 2021, 70, 10735-10749.	6.3	45
17	Optimal Opponent Stealth Trajectory Planning Based on an Efficient Optimization Technique. IEEE Transactions on Signal Processing, 2021, 69, 270-283.	5.3	5
18	Fading Occurrence Probability for Spaceborne Radar in Weak Plasma Scintillation. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	An Ontology for Spaceborne Radar Debris Detection and Tracking: Channel-Target Phenomenology and Motion Models. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 18-42.	1.3	8
20	A Clustering Approach for Jamming Environment Classification. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1903-1918.	4.7	9
21	An Adaptive Radar Signal Processor for UAVs Detection With Super-Resolution Capabilities. IEEE Sensors Journal, 2021, 21, 20778-20787.	4.7	19
22	A Smart Radar Signal Processing Solution for Ground-Based UAVs Surveillance. , 2021, , .		0
23	3D Localization for Multiplatform Radar Networks with Deployable Nodes. , 2021, , .		1
24	Constrained Target Localization for Multiplatform Radar Systems. , 2021, , .		1
25	Joint Exploitation of TDOA and PCL Techniques for Two-Dimensional Target Localization. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 597-609.	4.7	13
26	Assessing Reciprocity in Polarimetric SAR Data. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 87-91.	3.1	12
27	Multi-Class Random Matrix Filtering for Adaptive Learning. IEEE Transactions on Signal Processing, 2020, 68, 359-373.	5.3	9
28	Constant Modulus Discrete Phase Radar Waveforms Design Subject to Multi-Spectral Constraints. , 2020, , .		1
29	Toeplitz Structured Covariance Matrix Estimation for Radar Applications. , 2020, , .		2
30	Automatically Tunable AMF for Radar Detection in Diffuse Multipath. , 2020, , .		2
31	Spaceborne Radar Functional Architecture for Debris Bayesian Inference. , 2020, , .		4
32	Design of GLR-Based Detectors for FDA-MIMO radar. , 2020, , .		1
33	2D Constrained PBR Localization Via Active Radar Designation. , 2020, , .		3
34	Transceiver Design in Signal-Dependent Interference and Spectrally Dense Environments. , 2020, , .		2
35	Single-Pulse Simultaneous Target Detection and Angle Estimation in a Multichannel Phased Array Radar. IEEE Transactions on Signal Processing, 2020, 68, 6649-6664.	5.3	20
36	Design of Constant Modulus Discrete Phase Radar Waveforms Subject to Multi-Spectral Constraints. IEEE Signal Processing Letters, 2020, 27, 875-879.	3.6	40

#	ARTICLE	IF	CITATIONS
37	Hidden Convexity in Robust Waveform and Receive Filter Bank Optimization Under Range Unambiguous Clutter. IEEE Signal Processing Letters, 2020, 27, 885-889.	3.6	19
38	Design of adaptive detectors for FDA-MIMO radar. , 2020, , .		4
39	Hidden Convexity in Robust Waveform and Receive Filter Bank Optimization for Range Unambiguous Clutter. , 2020, , .		1
40	Diffuse Multipath Exploitation for Adaptive Detection of Range Distributed Targets. IEEE Transactions on Signal Processing, 2020, 68, 1197-1212.	5.3	24
41	Localization in 2D PBR With Multiple Transmitters of Opportunity: A Constrained Least Squares Approach. IEEE Transactions on Signal Processing, 2020, 68, 634-646.	5.3	21
42	Toeplitz Structured Covariance Matrix Estimation for Radar Applications. IEEE Signal Processing Letters, 2020, 27, 595-599.	3.6	22
43	On the Design of Multi-Spectrally Constrained Constant Modulus Radar Signals. IEEE Transactions on Signal Processing, 2020, 68, 2231-2243.	5.3	70
44	Censoring Outliers in Radar Data: An Approximate ML Approach and its Analysis. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 534-546.	4.7	22
45	A Robust Framework for Covariance Classification in Heterogeneous Polarimetric SAR Images and Its Application to L-Band Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 104-119.	6.3	24
46	Radar Detection Architecture Based on Interference Covariance Structure Classification. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 607-618.	4.7	12
47	Phase-Only Radar Waveform Design for Spectrally Dense Environments. , 2019, , .		1
48	On the Exploitability of the Ka Band for Spaceborne Radar Debris Detection and Tracking Measurements. , 2019, , .		6
49	An EL Approach for Similarity Parameter Selection in KA Covariance Matrix Estimation. IEEE Signal Processing Letters, 2019, 26, 1217-1221.	3.6	13
50	An Approximate Regularized ML Approach to Censor Outliers in Gaussian Radar Data. IEEE Access, 2019, 7, 66263-66274.	4.2	7
51	Adaptive Radar Detection in Gaussian Disturbance With Structured Covariance Matrix via Invariance Theory. IEEE Transactions on Signal Processing, 2019, 67, 5671-5685.	5.3	23
52	Spectrum Sensing for Cognitive Radar via Model Sparsity Exploitation. , 2019, , 257-283.		1
53	Invariance Theory for Adaptive Radar Detection in Heterogeneous Environment. IEEE Signal Processing Letters, 2019, 26, 996-1000.	3.6	14
54	Threshold Region Performance of Multicarrier Maximum Likelihood Direction of Arrival Estimator. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3517-3530.	4.7	12

#	ARTICLE	IF	CITATIONS
55	Optimal Stealth Trajectory Design to Deceive Anomaly Detection Process. , 2019, , .		1
56	Loading Factor Estimation Under Affine Constraints on the Covariance Eigenvalues With Application to Radar Target Detection. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1269-1283.	4.7	47
57	High Range Resolution Profile Estimation via a Cognitive Stepped Frequency Technique. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 444-458.	4.7	38
58	Multi-Snapshot Spectrum Sensing for Cognitive Radar via Block-Sparsity Exploitation. IEEE Transactions on Signal Processing, 2019, 67, 1396-1406.	5.3	48
59	HRR profile estimation using SLIM. IET Radar, Sonar and Navigation, 2019, 13, 512-521.	1.8	20
60	Approximate regularised maximumâ€likelihood approach for censoring outliers. Journal of Engineering, 2019, 2019, 8061-8065.	1.1	0
61	Adaptive Radar Detection Using Two Sets of Training Data. IEEE Transactions on Signal Processing, 2018, 66, 1791-1801.	5.3	41
62	A Geometric Approach to Covariance Matrix Estimation and its Applications to Radar Problems. IEEE Transactions on Signal Processing, 2018, 66, 907-922.	5.3	83
63	Bayesian Multi-Class Covariance Matrix Filtering for Adaptive Environment Learning. , 2018, , .		1
64	A New Sequential Optimization Procedure and Its Applications to Resource Allocation for Wireless Systems. IEEE Transactions on Signal Processing, 2018, 66, 6518-6533.	5.3	82
65	Comments on â€Waveform Design for Radar STAP in Signal Dependent Interferenceâ€ IEEE Transactions on Signal Processing, 2018, 66, 5206-5207.	5.3	3
66	Adaptive Radar Detectors Based on the Observed FIM. IEEE Transactions on Signal Processing, 2018, 66, 3838-3847.	5.3	21
67	Two-dimensional spectrum sensing for cognitive radar. , 2018, , .		10
68	Automatic Target Recognition of Military Vehicles With Krawtchouk Moments. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 493-500.	4.7	86
69	Detecting Covariance Symmetries in Polarimetric SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 80-95.	6.3	28
70	A Multifamily GLRT for Oil Spill Detection. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 63-79.	6.3	21
71	Robust Waveform and Filter Bank Design of Polarimetric Radar. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 370-384.	4.7	78
72	On Model, Algorithms, and Experiment for Micro-Doppler-Based Recognition of Ballistic Targets. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 1088-1108.	4.7	77

#	ARTICLE	IF	CITATIONS
73	A geometric approach for structured radar covariance estimation. , 2017, , .		4
74	A Coordinate-Descent Framework to Design Low PSL/ISL Sequences. IEEE Transactions on Signal Processing, 2017, 65, 5942-5956.	5.3	161
75	Model Order Selection Rules for Covariance Structure Classification in Radar. IEEE Transactions on Signal Processing, 2017, 65, 5305-5317.	5.3	22
76	On Multiple Covariance Equality Testing with Application to SAR Change Detection. IEEE Transactions on Signal Processing, 2017, 65, 5078-5091.	5.3	69
77	On the Statistical Invariance for Adaptive Radar Detection in Partially Homogeneous Disturbance Plus Structured Interference. IEEE Transactions on Signal Processing, 2017, 65, 1222-1234.	5.3	91
78	Joint Radar Waveform and Bank of Filter Design Forwind Farm Clutter Mitigation. , 2017, , .		0
79	Optimization theory-based radar waveform design for spectrally dense environments. IEEE Aerospace and Electronic Systems Magazine, 2016, 31, 14-25.	1.3	138
80	Adaptive radar detection in the presence of Gaussian clutter with symmetric spectrum. , 2016, , .		3
81	Optimizing polarimetric radar waveform and filter bank for extended targets in clutter. , 2016, , .		2
82	Coincidence of Maximal Invariants for Two Adaptive Radar Detection Problems. IEEE Signal Processing Letters, 2016, , 1-1.	3.6	5
83	Invariance Theory for Adaptive Detection in Interference With Group Symmetric Covariance Matrix. IEEE Transactions on Signal Processing, 2016, 64, 6299-6312.	5.3	25
84	Cognitive Radar Waveform Design for Spectral Compatibility. , 2016, , .		6
85	Radar Filters Design in the Presence of Target Doppler Frequency and Interference Covariance Matrix Uncertainties. , 2016, , .		0
86	Radar Phase Noise Modeling and Effects-Part I : MTI Filters. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 698-711.	4.7	25
87	Robust Design of Radar Doppler Filters. IEEE Transactions on Signal Processing, 2016, 64, 5848-5860.	5.3	42
88	A Unifying Framework for Adaptive Radar Detection in Homogeneous Plus Structured Interferenceâ€” Part II: Detectors Design. IEEE Transactions on Signal Processing, 2016, 64, 2907-2919.	5.3	127
89	Forcing Scale Invariance in Multipolarization SAR Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 36-50.	6.3	22
90	MIMO Radar Beampattern Design Via PSL/ISL Optimization. IEEE Transactions on Signal Processing, 2016, 64, 3955-3967.	5.3	147

#	ARTICLE	IF	CITATIONS
91	Adaptive Detection of Point-Like Targets in Spectrally Symmetric Interference. IEEE Transactions on Signal Processing, 2016, 64, 3207-3220.	5.3	92
92	Adaptive Radar Detection of a Subspace Signal Embedded in Subspace Structured Plus Gaussian Interference Via Invariance. IEEE Transactions on Signal Processing, 2016, 64, 2156-2167.	5.3	67
93	Design and Analysis of Invariant Receivers for Gaussian Targets. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1560-1569.	10.8	4
94	Unstructured Versus Structured GLRT for Multipolarization SAR Change Detection. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1665-1669.	3.1	12
95	Optimizing Radar Waveform and Doppler Filter Bank via Generalized Fractional Programming. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1387-1399.	10.8	141
96	Intrapulse radar-embedded communications via multiobjective optimization. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2960-2974.	4.7	105
97	Diffuse Multipath Exploitation for Adaptive Radar Detection. IEEE Transactions on Signal Processing, 2015, 63, 1268-1281.	5.3	67
98	An Invariant Approach to Adaptive Radar Detection Under Covariance Persymmetry. IEEE Transactions on Signal Processing, 2015, 63, 1297-1309.	5.3	62
99	Invariant Rules for Multipolarization SAR Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3294-3311.	6.3	30
100	Robust Transmit Code and Receive Filter Design for Extended Targets in Clutter. IEEE Transactions on Signal Processing, 2015, 63, 1965-1976.	5.3	89
101	Phase noise modeling and its effects on the performance of some radar signal processors. , 2015, , .		3
102	A novel algorithm for radar classification based on doppler characteristics exploiting orthogonal Pseudo-Zernike polynomials. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 417-430.	4.7	84
103	Pulmonary preconditioning, injury, and inflammation modulate expression of the candidate tumor suppressor gene <i>ECRG4</i> in lung. Experimental Lung Research, 2015, 41, 162-172.	1.2	11
104	Pseudo-Zernike-based multi-pass automatic target recognition from multi-channel synthetic aperture radar. IET Radar, Sonar and Navigation, 2015, 9, 457-466.	1.8	44
105	An invariant approach to adaptive radar detection under covariance persymmetry. , 2015, , .		0
106	Performance prediction of the incoherent detector for a weibull fluctuating target. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2176-2184.	4.7	18
107	Multi-sensor full-polarimetric SAR Automatic Target Recognition using pseudo-Zernike moments. , 2014, , .		3
108	Multi-polarization SAR change detection: unstructured versus structured GLRT. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
109	Krogager decomposition and Pseudo-Zernike moments for polarimetric distributed ATR. , 2014, , .		6
110	A radar detector with enhanced range estimation capabilities for partially homogeneous environment. IET Radar, Sonar and Navigation, 2014, 8, 1018-1025.	1.8	15
111	Median matrices and their application to radar training data selection. IET Radar, Sonar and Navigation, 2014, 8, 265-274.	1.8	40
112	A Doppler Robust Design of Transmit Sequence and Receive Filter in the Presence of Signal-Dependent Interference. IEEE Transactions on Signal Processing, 2014, 62, 772-785.	5.3	105
113	A max-min design of transmit sequence and receive filter. , 2014, , .		2
114	Enhanced radar detection and range estimation via oversampled data. , 2014, , .		0
115	Pseudo-Zernike moments based radar micro-Doppler classification. , 2014, , .		21
116	Detection of Partially Coherent Scatterers in Multidimensional SAR Tomography: A Theoretical Study. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 7534-7548.	6.3	10
117	Exploiting multiple a priori spectral models for adaptive radar detection. IET Radar, Sonar and Navigation, 2014, 8, 695-707.	1.8	42
118	Adaptive radar detection in diffuse multipath environments. , 2014, , .		2
119	New Results on Fractional QCQP with Applications to Radar Steering Direction Estimation. IEEE Signal Processing Letters, 2014, 21, 895-898.	3.6	10
120	Improved detection probability of a radar target in the presence of multipath with prior knowledge of the environment. IET Radar, Sonar and Navigation, 2013, 7, 36-46.	1.8	42
121	Non-cooperative code design in radar networks: a game-theoretic approach. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.7	28
122	Cognitive radar waveform design for spectral coexistence. , 2013, , .		21
123	Adaptive radar detection based on multiple a-priori models. , 2013, , .		1
124	Generalized CFAR Property and UMP Invariance for Adaptive Signal Detection. IEEE Transactions on Signal Processing, 2013, 61, 2104-2115.	5.3	20
125	Radar Detection of Distributed Targets in Homogeneous Interference Whose Inverse Covariance Structure is Defined via Unitary Invariant Functions. IEEE Transactions on Signal Processing, 2013, 61, 4949-4961.	5.3	91
126	Extended target detection in interference whose covariance matrix is defined via uncertainty convex constraints. , 2013, , .		2



#	ARTICLE	IF	CITATIONS
127	Generalized CFAR property for radar detection. , 2013, , .		0
128	Ambiguity Function Shaping for Cognitive Radar Via Complex Quartic Optimization. IEEE Transactions on Signal Processing, 2013, 61, 5603-5619.	5.3	159
129	Covariance matrix estimation via geometric barycenters and its application to radar training data selection. IET Radar, Sonar and Navigation, 2013, 7, 600-614.	1.8	84
130	Theoretical analysis of the sequential lobing technique for correlated targets. IET Radar, Sonar and Navigation, 2013, 7, 443-450.	1.8	1
131	Detection of partially coherent scatterers in multidimensional SAR tomography: a theoretical study. Proceedings of SPIE, 2013, , .	0.8	1
132	Performance analysis of diverse GLRT detectors in the presence of multipath. , 2012, , .		9
133	Performance prediction of the incoherent radar detector for Generalized Swerling-Chi fluctuating targets. , 2012, , .		3
134	Quantized phase code and receive filter synthesis in reverberating environment. , 2012, , .		0
135	Experimental Performance Analysis of Distributed Target Coherent Radar Detectors. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 2216-2238.	4.7	24
136	A coherent SLB architecture with Kelly's receiver. , 2012, , .		0
137	Transmitted phase code/receive filter design for high reverberating environment: A cognitive approach. , 2012, , .		1
138	Detection of Double Scatterers in SAR Tomography. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3567-3586.	6.3	91
139	Maximum Likelihood Estimation of a Structured Covariance Matrix With a Condition Number Constraint. IEEE Transactions on Signal Processing, 2012, 60, 3004-3021.	5.3	118
140	Detection capabilities evaluation of a constrained structured covariance matrix estimator for radar applications. , 2012, , .		1
141	High resolution sea clutter and maritime target data: Experimental performance of distributed target coherent detectors. , 2011, , .		0
142	Fractional QCQP With Applications in ML Steering Direction Estimation for Radar Detection. IEEE Transactions on Signal Processing, 2011, 59, 172-185.	5.3	66
143	Design of Optimized Radar Codes With a Peak to Average Power Ratio Constraint. IEEE Transactions on Signal Processing, 2011, 59, 2683-2697.	5.3	179
144	Diversity in receiving strategies based on time-delay analysis in the presence of multipath. , 2011, , .		10

#	ARTICLE	IF	CITATIONS
145	Design of Radar Receive Filters Optimized According to $L_p$ -Norm Based Criteria. IEEE Transactions on Signal Processing, 2011, 59, 4023-4029.	5.3	43
146	Effects of Mutual Coupling of Radiating Antennas on an Adaptive Radar Detector. International Journal of Electronics and Telecommunications, 2011, 57, 451-457.	0.5	2
147	Design of Pareto-Optimal Radar Receive Filters. International Journal of Electronics and Telecommunications, 2011, 57, 477-481.	0.5	13
148	A Theoretical Framework for LMS MIMO Communication Systems Performance Analysis. IEEE Transactions on Information Theory, 2010, 56, 5614-5630.	2.4	25
149	Fast code design for sensors in noncooperative networks. , 2010, , .		0
150	Blind User Detection in Doubly Dispersive DS/CDMA Fading Channels. IEEE Transactions on Signal Processing, 2010, 58, 1446-1451.	5.3	10
151	Code Design for Radar STAP via Optimization Theory. IEEE Transactions on Signal Processing, 2010, 58, 679-694.	5.3	56
152	On the Invariance, Coincidence, and Statistical Equivalence of the GLRT, Rao Test, and Wald Test. IEEE Transactions on Signal Processing, 2010, 58, 1967-1979.	5.3	62
153	Adaptive Detection in Gaussian Interference With Unknown Covariance After Reduction by Invariance. IEEE Transactions on Signal Processing, 2010, 58, 2925-2934.	5.3	36
154	A Doppler Robust Max-Min Approach to Radar Code Design. IEEE Transactions on Signal Processing, 2010, 58, 4943-4947.	5.3	52
155	Information-theoretic performance analysis of LMS MIMO communications. , 2010, , .		0
156	Detection of double scatterers in SAR Tomography. , 2009, , .		6
157	Design of Phase Codes for Radar Performance Optimization With a Similarity Constraint. IEEE Transactions on Signal Processing, 2009, 57, 610-621.	5.3	163
158	Adaptive Detection and Estimation in the Presence of Useful Signal and Interference Mismatches. IEEE Transactions on Signal Processing, 2009, 57, 436-450.	5.3	41
159	Detection of Single Scatterers in Multidimensional SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2284-2297.	6.3	114
160	Blind User Detection and Delay Acquisition in Doubly-Dispersive DS/CDMA Fading Channels. , 2009, , .		0
161	GLRT Versus MFLRT for Adaptive CFAR Radar Detection With Conic Uncertainty. IEEE Signal Processing Letters, 2009, 16, 707-710.	3.6	7
162	Robust adaptive detection with angular rejection. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
163	Diversity-Integration Tradeoffs in MIMO Detection. IEEE Transactions on Signal Processing, 2008, 56, 5051-5061.	5.3	60
164	Measurement and analysis of clutter signal from GSM/DCS-based passive radar. , 2008, , .		2
165	Experimental Verification of a Two-State Model for the Cumulative Distribution Function of GSM Passive Radar Clutter. , 2008, , .		2
166	Diversity-Integration Trade-offs in MIMO Detection. , 2008, , .		3
167	A theoretical framework for LMS MIMO communication systems performance analysis. , 2007, , .		7
168	Adaptive Radar Detection: A Bayesian Approach. IEEE National Radar Conference - Proceedings, 2007, , .	0.0	27
169	Design Principles of MIMO Radar Detectors. IEEE Transactions on Aerospace and Electronic Systems, 2007, 43, 886-898.	4.7	234
170	Adaptive Transmit/Receive Schemes for Mimo Radar. , 2007, , .		4
171	Code selection for radar performance optimization. , 2007, , .		2
172	Sum of Squared Shadowed-Rice Random Variables and its Application to Communication Systems Performance Prediction. IEEE Transactions on Wireless Communications, 2007, 6, 3540-3545.	9.2	62
173	Adaptive Radar Detection of Distributed Targets in Homogeneous and Partially Homogeneous Noise Plus Subspace Interference. IEEE Transactions on Signal Processing, 2007, 55, 1223-1237.	5.3	154
174	Adaptive CFAR Radar Detection With Conic Rejection. IEEE Transactions on Signal Processing, 2007, 55, 2533-2541.	5.3	75
175	Rao Test for Adaptive Detection in Gaussian Interference With Unknown Covariance Matrix. IEEE Transactions on Signal Processing, 2007, 55, 3577-3584.	5.3	230
176	Knowledge-Based Adaptive Processing for Ship Detection in OTH Radar. , 2006, , .		4
177	Adaptive Radar Detection: A Bayesian Approach. , 2006, , .		15
178	Achieving full diversity in MIMO radar: Code Construction and performance bounds. , 2006, , .		4
179	A maximum entropy framework for space-time adaptive processing. Signal Processing, 2004, 84, 1637-1652.	3.7	8
180	A New Derivation of the Adaptive Matched Filter. IEEE Signal Processing Letters, 2004, 11, 792-793.	3.6	102

#	ARTICLE	IF	CITATIONS
181	Polarimetric adaptive detection in non-Gaussian noise. Signal Processing, 2003, 83, 297-306.	3.7	36
182	Maximum likelihood estimation of structured persymmetric covariance matrices. Signal Processing, 2003, 83, 633-640.	3.7	27
183	Fast converging adaptive matched filter and adaptive cosine/coherence estimator. Signal Processing, 2002, 82, 1417-1423.	3.7	1
184	A polarimetric adaptive matched filter. Signal Processing, 2001, 81, 2583-2589.	3.7	92