

# Rodrigo de Lamare

## List of Publications by Year in descending order

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408  
papers

4,756  
citations

101543

36  
h-index

168389

53  
g-index

408  
all docs

408  
docs citations

408  
times ranked

2409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency domain exponential functional link network filter: Design and implementation. Signal Processing, 2022, 193, 108411.	3.7	4
2	M-estimate affine projection spline adaptive filtering algorithm: Analysis and implementation. , 2022, 123, 103452.		7
3	Joint Channel Estimation, Activity Detection and Data Decoding Based on Dynamic Message-Scheduling Strategies for mMTC. IEEE Transactions on Communications, 2022, 70, 2464-2479.	7.8	6
4	Exploiting prior knowledge in compressed sensing to design robust systems for endoscopy image recovery. Journal of the Franklin Institute, 2022, 359, 2710-2736.	3.4	2
5	Robust Sparsity-Aware RLS Algorithms With Jointly-Optimized Parameters Against Impulsive Noise. IEEE Signal Processing Letters, 2022, 29, 1037-1041.	3.6	13
6	Tukey's Biweight M-Estimate With Conjugate Gradient Adaptive Learning. IEEE Signal Processing Letters, 2022, 29, 1117-1121.	3.6	8
7	Robust Resilient Diffusion Over Multi-Task Networks Against Byzantine Attacks: Design, Analysis and Applications. IEEE Transactions on Signal Processing, 2022, 70, 2826-2841.	5.3	3
8	Robust and Adaptive Power Allocation Techniques for Rate Splitting Based MU-MIMO Systems. IEEE Transactions on Communications, 2022, 70, 4656-4670.	7.8	6
9	General Robust Subband Adaptive Filtering: Algorithms and Applications. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 2128-2140.	5.8	7
10	Distributed Quantization-Aware RLS Learning With Bias Compensation and Coarsely Quantized Signals. IEEE Transactions on Signal Processing, 2022, 70, 3441-3455.	5.3	7
11	Robust NLMS algorithms with combined step-size against impulsive noises. , 2022, 128, 103609.		4
12	Polar Codes Based on Piecewise Gaussian Approximation: Design and Analysis. IEEE Access, 2022, 10, 73571-73582.	4.2	8
13	Proportionate M-estimate adaptive filtering algorithms: Insights and improvements. Signal Processing, 2022, 200, 108671.	3.7	6
14	Sparsity-aware SSAF algorithm with individual weighting factors: Performance analysis and improvements in acoustic echo cancellation. Signal Processing, 2021, 178, 107806.	3.7	22
15	A survey on active noise control in the past decade"Part II: Nonlinear systems. Signal Processing, 2021, 181, 107929.	3.7	47
16	Robust Adaptive Filtering Based on Exponential Functional Link Network: Analysis and Application. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2720-2724.	3.0	8
17	List-Based OMP and an Enhanced Model for DOA Estimation With Nonuniform Arrays. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 4457-4464.	4.7	12
18	Robust Adaptive Beamforming Based on Low-Complexity Discrete Fourier Transform Spatial Sampling. IEEE Access, 2021, 9, 84845-84856.	4.2	8

#	ARTICLE	IF	CITATIONS
19	Proximal Normalized Subband Adaptive Filtering for Acoustic Echo Cancellation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2174-2188.	5.8	10
20	Dynamic Oversampling for 1-Bit ADCs in Large-Scale Multiple-Antenna Systems. IEEE Transactions on Communications, 2021, 69, 3423-3435.	7.8	16
21	Robust MMSE Precoding and Power Allocation for Cell-Free Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 5115-5120.	6.3	20
22	Dynamic Message Scheduling Based on Activity-Aware Residual Belief Propagation for Asynchronous mMTC. IEEE Wireless Communications Letters, 2021, 10, 1290-1294.	5.0	8
23	Tomlinson-Harashima Precoded Rate-Splitting With Stream Combiners for MU-MIMO Systems. IEEE Transactions on Communications, 2021, 69, 3833-3845.	7.8	11
24	Robust spline adaptive filtering based on accelerated gradient learning: Design and performance analysis. Signal Processing, 2021, 183, 107965.	3.7	19
25	A survey on active noise control in the past decade—Part I: Linear systems. Signal Processing, 2021, 183, 108039.	3.7	70
26	Rate-Compatible Polar Code Construction Based on Extension and Non-Uniform Channel Polarization for IoT Applications. , 2021, , .		0
27	FxlogRLP: The Filtered-X Logarithmic Recursive Least P-Power Algorithm. , 2021, , .		1
28	C-RAN-Based Cluster-Head-Driven UAV Relaying, with Recursive Maximum Minimum Distance Criterion. , 2021, , .		0
29	Iterative MMSE Precoding and Power Allocation in Cell-Free Massive MIMO Systems. , 2021, , .		2
30	Joint Activity Detection and Channel Estimation Based on Message Passing with RBP Scheduling for mMTC. , 2021, , .		0
31	Energy-Efficient Distributed Learning with Adaptive Bias Compensation for Coarsely Quantized Signals. , 2021, , .		4
32	Tracking Analyses Of M-Estimate Based LMS And NLMS Algorithms. , 2021, , .		3
33	Robust Adaptive Power Allocation for the Downlink of Multiple-Antenna Systems. , 2021, , .		1
34	Direction Finding with List-Based Orthogonal Matching Pursuit for Sparse Arrays. , 2021, , .		0
35	Robust adaptive beamforming based on virtual sensors using low-complexity spatial sampling. Signal Processing, 2021, 188, 108172.	3.7	8
36	Design of Rate-Compatible Polar Codes Based on Non-Uniform Channel Polarization. IEEE Access, 2021, 9, 41902-41912.	4.2	5

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37	Block Diagonalization Precoding and Power Allocation for Multiple-Antenna Systems With Coarsely Quantized Signals. IEEE Transactions on Communications, 2021, 69, 6793-6807.	7.8	1
38	Energy-Efficient Distributed Learning With Coarsely Quantized Signals. IEEE Signal Processing Letters, 2021, 28, 329-333.	3.6	11
39	Joint Activity Detection and Data Decoding for Grant-Free Massive MIMO Systems. , 2021, , .		2
40	Secrecy rate maximization for hardware impaired untrusted relaying network with deep learning. Physical Communication, 2021, 49, 101476.	2.1	7
41	Design of Compressed Sensing System With Probability-Based Prior Information. IEEE Transactions on Multimedia, 2020, 22, 594-609.	7.2	17
42	DCD-Based Recursive Adaptive Algorithms Robust Against Impulsive Noise. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1359-1363.	3.0	20
43	Switched Max-Link Relay Selection Based on Maximum Minimum Distance for Cooperative MIMO Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 1928-1941.	6.3	9
44	Robust Two-Stage Reduced-Dimension Sparsity-Aware STAP for Airborne Radar With Coprime Arrays. IEEE Transactions on Signal Processing, 2020, 68, 81-96.	5.3	30
45	Iterative List Detection and Decoding for Massive Machine-Type Communications. IEEE Transactions on Communications, 2020, 68, 6276-6288.	7.8	9
46	Dynamic Oversampling in 1-Bit Quantized Asynchronous Large-Scale Multiple-Antenna Systems for Sustainable IoT Networks. , 2020, , .		1
47	C-RAN-Type Cluster-Head-Driven UAV Relaying With Recursive Maximum Minimum Distance. IEEE Communications Letters, 2020, 24, 2623-2627.	4.1	10
48	Detection Techniques for Massive Machine-Type Communications: Challenges and Solutions. IEEE Access, 2020, 8, 180928-180954.	4.2	14
49	Opportunistic Relaying and Jamming Based on Secrecy-Rate Maximization for Multiuser Buffer-Aided Relay Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 15269-15283.	6.3	6
50	Zero-Crossing Precoding with Maximum Distance to the Decision Threshold for Channels with 1-Bit Quantization and Oversampling. , 2020, , .		8
51	Maximum Entropy-Based Interference-Plus-Noise Covariance Matrix Reconstruction for Robust Adaptive Beamforming. IEEE Signal Processing Letters, 2020, 27, 845-849.	3.6	41
52	Cloud-Driven Multi-Way Multiple-Antenna Relay Systems: Joint Detection, Best-User-Link Selection and Analysis. IEEE Transactions on Communications, 2020, 68, 3342-3354.	7.8	7
53	Channel Estimation for Large-Scale Multiple-Antenna Systems Using 1-Bit ADCs and Oversampling. IEEE Access, 2020, 8, 85243-85256.	4.2	12
54	Cloud-Driven Multi-Way Multiple-Antenna Relay Systems: Best-User-Link Selection and Joint Mmse Detection. , 2020, , .		1

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55	Linear Precoding and Stream Combining for Rate Splitting in Multiuser MIMO Systems. IEEE Communications Letters, 2020, 24, 890-894.	4.1	26
56	Diffusion Normalized Least Mean M-estimate Algorithms: Design and Performance Analysis. IEEE Transactions on Signal Processing, 2020, 68, 2199-2214.	5.3	41
57	Joint AGC and receiver design for large-scale MU-MIMO systems with low-resolution signals in C-RANs. IET Communications, 2020, 14, 3791-3801.	2.2	0
58	Iterative AP selection, MMSE precoding and power allocation in cell-free massive MIMO systems. IET Communications, 2020, 14, 3996-4006.	2.2	7
59	Continuous phase modulation with 1-bit quantization and oversampling using iterative detection and decoding. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	1
60	Comparator Network Aided Detection for MIMO Receivers with 1-Bit Quantization. , 2020, , .		1
61	Energy-Efficient Distributed Recursive Least Squares Learning with Coarsely Quantized Signals. , 2020, , .		1
62	Low-Cost Adaptive Maximum Entropy Covariance Matrix Reconstruction for Robust Beamforming. , 2020, , .		2
63	Set-membership adaptive kernel NLMS algorithms: Design and analysis. Signal Processing, 2019, 154, 1-14.	3.7	10
64	Channel Estimation Using 1-Bit Quantization and Oversampling for Large-scale Multiple-antenna Systems. , 2019, , .		13
65	Adaptive Activity-Aware Iterative Detection for Massive Machine-Type Communications. IEEE Wireless Communications Letters, 2019, 8, 1631-1634.	5.0	10
66	Joint Power and Bandwidth Allocation for Energy-Efficient Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2019, 67, 6168-6178.	7.8	34
67	Buffer-Aided Max-Link Relay Selection for Multi-Way Cooperative Multi-Antenna Systems. IEEE Communications Letters, 2019, 23, 1423-1426.	4.1	12
68	Linearly Precoded Rate-Splitting Techniques with Block Diagonalization for Multiuser MIMO Systems. , 2019, , .		4
69	Editorial for massive MIMO localization special issue. , 2019, 94, 1-2.		0
70	Multi-step Knowledge-Aided Iterative Conjugate Gradient Algorithms for DOA Estimation. Circuits, Systems, and Signal Processing, 2019, 38, 3841-3859.	2.0	2
71	Robust Distributed Diffusion Recursive Least Squares Algorithms With Side Information for Adaptive Networks. IEEE Transactions on Signal Processing, 2019, 67, 1566-1581.	5.3	48
72	Likelihood-Based Adaptive Learning in Stochastic State-Based Models. IEEE Signal Processing Letters, 2019, 26, 1031-1035.	3.6	1

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73	Secure Beamforming for Cooperative Wireless-Powered Networks With Partial CSI. IEEE Internet of Things Journal, 2019, 6, 6760-6773.	8.7	10
74	Compressed Randomized Utv Decompositions for Low-rank Matrix Approximations in Data Science. , 2019, , .		2
75	Impact of Hardware Impairments on Outage Performance of Hybrid Satellite-Terrestrial Relay Systems. IEEE Access, 2019, 7, 35103-35112.	4.2	20
76	Continuous Phase Modulation With 1-Bit Quantization and Oversampling Using Iterative Detection and Decoding. , 2019, , .		2
77	Buffer-Aided Max-Link Relay Selection for Two-Way Cooperative Multi-Antenna Systems. , 2019, , .		4
78	Adaptive Activity-Aware Constellation List-Based Decision Feedback Detection for Massive Machine-Type Communications. , 2019, , .		2
79	Non-Uniform Channel Polarization and Design of Rate-Compatible Polar Codes. , 2019, , .		5
80	Joint AGC and Receiver Design for Quantized Large-Scale MU-MIMO Systems with C-RANs. , 2019, , .		0
81	Cloud-Aided Max-Link Relay Selection for Two-Way Cooperative Multi-Antenna Systems. , 2019, , .		0
82	Distributed Robust Beamforming Based on Low-Rank and Cross-Correlation Techniques: Design and Analysis. IEEE Transactions on Signal Processing, 2019, 67, 6411-6423.	5.3	7
83	Sparsity-aware subband adaptive algorithms with adjustable penalties. , 2019, 84, 93-106.		19
84	Reduced-dimension space-time adaptive processing with sparse constraints on beam-Doppler selection. Signal Processing, 2019, 157, 78-87.	3.7	11
85	Multistep Knowledge-Aided Iterative ESPRIT: Design and Analysis. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2189-2201.	4.7	12
86	A Variational Approach for Designing Infinite Impulse Response Filters With Time-Varying Parameters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1303-1313.	5.4	4
87	Iterative Detection and Decoding for Large-Scale Multiple-Antenna Systems With 1-Bit ADCs. IEEE Wireless Communications Letters, 2018, 7, 476-479.	5.0	30
88	Buffer-Aided Physical-Layer Network Coding With Optimal Linear Code Designs for Cooperative Networks. IEEE Transactions on Communications, 2018, 66, 2560-2575.	7.8	19
89	Distributed low-rank adaptive estimation algorithms based on alternating optimization. Signal Processing, 2018, 144, 41-51.	3.7	8
90	An Adaptive Learning Approach To Parameter Estimation For Hybrid Petri Nets In Systems Biology. , 2018, , .		3

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91	Joint Sensing Matrix Design And Recovery Based On Normalized Iterative Hard Thesholding for Sparse Systems. , 2018, , .		1
92	Subspace-Orbit Randomized - Based Decomposition for Low-Rank Matrix Approximations. , 2018, , .		4
93	Knowledge-Aided Normalized Iterative Hard Thresholding Algorithms for Sparse Recovery. , 2018, , .		2
94	Compressed Randomized UTV Decompositions for Low-Rank Matrix Approximations. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1155-1169.	10.8	14
95	Robust Diffusion Recursive Least Squares Estimation with Side Information for Networked Agents. , 2018, , .		3
96	Puncturing Based on Polarization for Polar Codes in 5G Networks. , 2018, , .		8
97	Joint Automatic Gain Control and MMSE Receiver Design for Quantized Multiuser MIMO Systems. , 2018, , .		1
98	Adaptive Channel Estimation and Interference Mitigation for Large-Scale MIMO Systems with 1-Bit ADCs. , 2018, , .		1
99	Tomlinson-Harashima Precoded Rate-Splitting for Multiuser Multiple-Antenna Systems. , 2018, , .		16
100	Sliding Window Based Linear Signal Detection Using 1-Bit Quantization and Oversampling for Large-Scale Multiple-Antenna Systems. , 2018, , .		7
101	Knowledge-aided informed dynamic scheduling for LDPC decoding of short blocks. IET Communications, 2018, 12, 1094-1101.	2.2	8
102	Knowledge-aided iterative detection and decoding for multiuser multiple-antenna systems. IET Communications, 2018, 12, 1373-1379.	2.2	2
103	Rate-Compatible Polar Codes Based on Polarization-Driven Shortening. IEEE Communications Letters, 2018, 22, 1984-1987.	4.1	7
104	Subspace-Orbit Randomized Decomposition for Low-Rank Matrix Approximations. IEEE Transactions on Signal Processing, 2018, 66, 4409-4424.	5.3	25
105	Delay-tolerant distributed space-time coding with feedback for cooperative MIMO relaying systems. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	4
106	Achievable Rate With 1-Bit Quantization and Oversampling Using Continuous Phase Modulation-Based Sequences. IEEE Transactions on Wireless Communications, 2018, 17, 7080-7095.	9.2	22
107	Low-Complexity Reduced-Dimension Space-Time Adaptive Processing for Navigation Receivers. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 3160-3168.	4.7	5
108	Sparsity-Based Direct Data Domain Space-Time Adaptive Processing with Intrinsic Clutter Motion. Circuits, Systems, and Signal Processing, 2017, 36, 219-246.	2.0	12

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109	Adaptive Widely Linear Constrained Constant Modulus Reduced-Rank Beamforming. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 477-492.	4.7	12
110	Widely Linear Precoding for Large-Scale MIMO with IQI: Algorithms and Performance Analysis. IEEE Transactions on Wireless Communications, 2017, 16, 3298-3312.	9.2	42
111	Low-Complexity DCD-Based Sparse Recovery Algorithms. IEEE Access, 2017, 5, 12737-12750.	4.2	12
112	Gradient-based algorithm for designing sensing matrix considering real mutual coherence for compressed sensing systems. IET Signal Processing, 2017, 11, 356-363.	1.5	18
113	Sparsity-Based STAP Using Alternating Direction Method With Gain/Phase Errors. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2756-2768.	4.7	35
114	Branch-and-Bound Precoding for Multiuser MIMO Systems With 1-Bit Quantization. IEEE Wireless Communications Letters, 2017, 6, 770-773.	5.0	67
115	Unique-Word GFDM Transmission Systems. IEEE Wireless Communications Letters, 2017, 6, 746-749.	5.0	11
116	Decoupled signal detection for the uplink of massive MIMO in 5G heterogeneous networks. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	4
117	Correlation-driven optimized Taylor expansion precoding for massive MIMO systems with correlated channels. , 2017, , .		2
118	Low-rank and sparse matrix recovery based on a randomized rank-revealing decomposition. , 2017, , .		6
119	Anomaly detection in IP networks based on randomized subspace methods. , 2017, , .		14
120	Enhanced knowledge-aided space-time adaptive processing exploiting inaccurate prior knowledge of the array manifold. , 2017, 60, 262-276.		15
121	Variable List Detection for Multiuser MIMO Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 3012-3023.	6.3	6
122	Joint sensing matrix and sparsifying dictionary optimization applied in real image for compressed sensing. , 2017, , .		4
123	Set-membership kernel adaptive algorithms. , 2017, , .		4
124	Achievable rate with 1-bit quantization and oversampling at the receiver using continuous phase modulation. , 2017, , .		1
125	Buffer-assisted physical-layer network code designs for cooperative systems. , 2017, , .		0
126	Robust distributed beamforming based on cross-correlation and subspace projection techniques. , 2017, , .		0



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127	Sparsity-aware set-membership adaptive algorithms with adjustable penalties. , 2017, , .		1
128	Multi-step knowledge-aided iterative ESPRIT for direction finding. , 2017, , .		3
129	Variable forgetting factor mechanisms for diffusion recursive least squares algorithm in sensor networks. <i>Eurasip Journal on Advances in Signal Processing</i> , 2017, 2017, .	1.7	8
130	Serial-inspired diffusion based on message passing for distributed estimation in adaptive networks. , 2016, , .		1
131	Simplified matrix polynomial-aided block diagonalization precoding for massive MIMO systems. , 2016, , .		5
132	Distributed estimation over sensor networks based on distributed conjugate gradient strategies. <i>IET Signal Processing</i> , 2016, 10, 291-301.	1.5	22
133	Successive interference cancellation aided sphere decoder for multi-input multi-output systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016, 2016, .	2.4	2
134	Adaptive Buffer-Aided Distributed Space-Time Coding for Cooperative Wireless Networks. <i>IEEE Transactions on Communications</i> , 2016, 64, 1888-1900.	7.8	15
135	Robust Adaptive Beamforming Based on Low-Rank and Cross-Correlation Techniques. <i>IEEE Transactions on Signal Processing</i> , 2016, 64, 3919-3932.	5.3	58
136	Multi-Branch Vector Perturbation Precoding Design Using Lattice Reduction for MU-MIMO Systems. , 2016, , .		2
137	Low-rank robust adaptive beamforming techniques using joint iterative optimization. , 2016, , .		0
138	Adaptive distributed compressed estimation based on recursive least squares with sensing matrix design. , 2016, , .		4
139	Joint MSINR and relay selection algorithms for distributed beamforming. , 2016, , .		1
140	Subspace-based adaptive widely linear blind channel estimation for constrained minimum variance CDMA receiver. , 2016, , .		1
141	Switched-randomized robust PCA for foreground and background separation in video surveillance. , 2016, , .		3
142	Large-scale iterative decision feedback with constellation constraints receiver for cloud radio access networks. , 2016, , .		0
143	Low-complexity correlated time-averaged variable forgetting factor mechanism for diffusion RLS algorithm in sensor networks. , 2016, , .		1
144	Buffer-aided distributed space-time coding schemes and algorithms for cooperative DS-CDMA systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016, 2016, .	2.4	1

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145	Successive optimization Tomlinson-Harashima precoding strategies for physical-layer security in wireless networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016, 2016, .	2.4	4
146	Joint interference cancellation and relay selection algorithms based on greedy techniques for cooperative DS-CDMA systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016, 2016, .	2.4	10
147	Design of LDPC Codes Based on Multipath EMD Strategies for Progressive Edge Growth. <i>IEEE Transactions on Communications</i> , 2016, 64, 3208-3219.	7.8	18
148	Buffer aided distributed space time coding techniques for cooperative DS-CDMA systems. , 2016, , .		1
149	Low-complexity robust adaptive beamforming algorithms exploiting shrinkage for mismatch estimation. <i>IET Signal Processing</i> , 2016, 10, 429-438.	1.5	4
150	Reduced-Rank DOA Estimation Algorithms Based on Alternating Low-Rank Decomposition. <i>IEEE Signal Processing Letters</i> , 2016, 23, 565-569.	3.6	25
151	Distributed Spectrum Estimation Based on Alternating Mixed Discrete-Continuous Adaptation. <i>IEEE Signal Processing Letters</i> , 2016, 23, 551-555.	3.6	13
152	Iterative Detection and Decoding Algorithms for MIMO Systems in Block-Fading Channels Using LDPC Codes. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 2735-2741.	6.3	34
153	Uplink block diagonalization for massive MIMO-OFDM systems with distributed antennas. , 2015, , .		3
154	Opportunistic relay and jammer cooperation techniques for physical-layer security in buffer-aided relay networks. , 2015, , .		2
155	Adaptive buffer-aided space-time coding for cooperative wireless networks. , 2015, , .		0
156	Widely-linear multi-branch decision feedback detection algorithms for large-scale multiple-antenna systems. , 2015, , .		0
157	Bidirectional algorithms for interference suppression in multiuser systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015, 2015, .	2.4	0
158	Widely-linear minimum-mean-squared error multiple-candidate successive interference cancellation for multiple access interference and jamming suppression in direct-sequence code-division multiple-access systems. <i>IET Signal Processing</i> , 2015, 9, 73-81.	1.5	7
159	Robust Rank Reduction Algorithm with Iterative Parameter Optimization and Vector Perturbation. <i>Algorithms</i> , 2015, 8, 573-589.	2.1	1
160	Sparsity-aware distributed conjugate gradient algorithms for parameter estimation over sensor networks. , 2015, , .		4
161	Knowledge-aided informed dynamic scheduling for LDPC decoding. , 2015, , .		4
162	Robust adaptive beamforming based on low-rank and cross-correlation techniques. , 2015, , .		4

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163	Low-Complexity Robust Adaptive Beamforming Algorithms Exploiting Shrinkage for Mismatch Estimation. , 2015, , .		3
164	Distributed Compressed Estimation Based on Compressive Sensing. IEEE Signal Processing Letters, 2015, 22, 1311-1315.	3.6	58
165	Large-Scale Antenna Systems With UL/DL Hardware Mismatch: Achievable Rates Analysis and Calibration. IEEE Transactions on Communications, 2015, 63, 1216-1229.	7.8	96
166	Multibeam joint detection. , 2015, , 1-33.		1
167	A novel sparse system estimation method based on least squares, $\ell_1$ -norm minimization and shrinkage. , 2015, , .		0
168	Reduced-dimension robust capon beamforming using Krylov-subspace techniques. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 270-289.	4.7	36
169	Joint TX/RX IQ imbalance parameter estimation using a generalized system model. , 2015, , .		14
170	Robust MMSE Precoding Based on Switched Relaying and Side Information for Multiuser MIMO Relay Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 5677-5687.	6.3	13
171	Structured root-LDPC codes and PEG-based techniques for block-fading channels. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	2
172	Adaptive blind widely linear CCM reduced-rank beamforming for large-scale antenna arrays. , 2015, , .		2
173	Adaptive link selection algorithms for distributed estimation. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.7	17
174	Adaptive reweighting homotopy algorithms applied to beamforming. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1902-1915.	4.7	3
175	Rate-compatible LDPC codes with short block lengths based on puncturing and extension techniques. AEU - International Journal of Electronics and Communications, 2015, 69, 1582-1589.	2.9	5
176	Space-Time Adaptive Beamforming Algorithms for Airborne Radar Systems. Communications and Signal Processing, 2015, , 1-27.	0.1	2
177	Adaptive Reduced-Rank Receive Processing Based on Minimum Symbol-Error-Rate Criterion for Large-Scale Multiple-Antenna Systems. IEEE Transactions on Communications, 2015, 63, 4185-4201.	7.8	17
178	Alternating Optimization Algorithms for Power Adjustment and Receive Filter Design in Multihop Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 173-184.	6.3	15
179	Signal Detection and Parameter Estimation in Massive MIMO Systems. , 2015, , 357-385.		0
180	Knowledge-Aided STAP Using Low Rank and Geometry Properties. International Journal of Antennas and Propagation, 2014, 2014, 1-14.	1.2	4

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181	Multi-branch lattice reduction successive interference cancellation detection for multiuser MIMO systems. , 2014, , .		6
182	Set-membership adaptive constrained constant modulus reduced-rank algorithm for beamforming. , 2014, , .		1
183	Lattice-reduction aided Successive Optimization Tomlinson-Harashima Precoding strategies for physical-layer security in wireless networks. , 2014, , .		7
184	Direction finding algorithms based on joint iterative subspace optimization. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2541-2553.	4.7	15
185	A low-complexity variable forgetting factor constant modulus RLS algorithm for blind adaptive beamforming. Signal Processing, 2014, 105, 277-282.	3.7	15
186	Sparsity-aware pseudo affine projection algorithm for active noise control. , 2014, , .		9
187	Adaptive delay-tolerant distributed space-time coding in opportunistic relaying cooperative MIMO systems. , 2014, , .		0
188	Coordinated Tomlinson-Harashima precoding design algorithms for overloaded multi-user MIMO systems. , 2014, , .		2
189	Achievable rate analysis of large scale antenna systems with hardware mismatch in UL/DL. , 2014, , .		2
190	Joint parallel interference cancellation and relay selection algorithms based on greedy techniques for cooperative DS-CDMA systems. , 2014, , .		5
191	Adaptive Widely Linear Reduced-Rank Beamforming Based on Joint Iterative Optimization. IEEE Signal Processing Letters, 2014, 21, 265-269.	3.6	30
192	Iterative detection and decoding algorithms for block-fading channels using LDPC codes. , 2014, , .		4
193	Multi-Branch Tomlinson-Harashima Precoding Design for MU-MIMO Systems: Theory and Algorithms. IEEE Transactions on Communications, 2014, 62, 939-951.	7.8	56
194	Adaptive power allocation strategies for distributed space-time coding in cooperative MIMO networks. IET Communications, 2014, 8, 1141-1150.	2.2	1
195	Robust Adaptive Beamforming Using a Low-Complexity Shrinkage-Based Mismatch Estimation Algorithm. IEEE Signal Processing Letters, 2014, 21, 60-64.	3.6	74
196	Robust Multibranch Tomlinson-Harashima Precoding Design in Amplify-and-Forward MIMO Relay Systems. IEEE Transactions on Communications, 2014, 62, 3476-3490.	7.8	14
197	Joint maximum likelihood detection and link selection for cooperative MIMO relay systems. IET Communications, 2014, 8, 2489-2499.	2.2	9
198	Dynamic pilot allocation with channel estimation in closed-loop multi-input-multi-output orthogonal frequency division multiplexing systems. IET Communications, 2014, 8, 2017-2025.	2.2	2

#	ARTICLE	IF	CITATIONS
199	Distributed Iterative Detection With Reduced Message Passing for Networked MIMO Cellular Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 2947-2954.	6.3	10
200	Sparsity-inducing modified filtered-x affine projection algorithms for active noise control. , 2014, , .		1
201	Sparsity-Aware Adaptive Algorithms Based on Alternating Optimization and Shrinkage. IEEE Signal Processing Letters, 2014, 21, 225-229.	3.6	21
202	Robust adaptive beamforming algorithms using the constrained constant modulus criterion. IET Signal Processing, 2014, 8, 447-457.	1.5	11
203	Adaptive set membership constant modulus algorithm with a generalized sidelobe canceler based on dynamic bounds for beamforming. Signal Processing, 2014, 104, 94-104.	3.7	2
204	Locally-optimized reweighted belief propagation for decoding finite-length LDPC codes. , 2013, , .		2
205	Adaptive Distributed Space-Time Coding Based on Adjustable Code Matrices for Cooperative MIMO Relaying Systems. IEEE Transactions on Communications, 2013, 61, 2692-2703.	7.8	24
206	Adaptive Frequency-Domain Group-Based Shrinkage Estimators for UWB Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 3639-3652.	6.3	1
207	Adaptive Linear Minimum BER Reduced-Rank Interference Suppression Algorithms Based on Joint and Iterative Optimization of Filters. IEEE Communications Letters, 2013, 17, 633-636.	4.1	10
208	Low-complexity adaptive transceiver techniques for K-pair MIMO interference channels. , 2013, , .		0
209	Adaptive and Iterative Multi-Branch MMSE Decision Feedback Detection Algorithms for Multi-Antenna Systems. IEEE Transactions on Wireless Communications, 2013, 12, 5294-5308.	9.2	42
210	Blind Adaptive Interference Suppression Based on Set-Membership Constrained Constant-Modulus Algorithms With Dynamic Bounds. IEEE Transactions on Signal Processing, 2013, 61, 1288-1301.	5.3	19
211	Generalized Design of Low-Complexity Block Diagonalization Type Precoding Algorithms for Multiuser MIMO Systems. IEEE Transactions on Communications, 2013, 61, 4232-4242.	7.8	98
212	Joint Iterative Receiver Design and Multi-Segmental Channel Estimation for OFDM Systems over Rapidly Time-Varying Channels. , 2013, , .		2
213	Beamspace direction finding based on the conjugate gradient and the auxiliary vector filtering algorithms. Signal Processing, 2013, 93, 641-651.	3.7	14
214	Adaptive Distributed Space-Time Coding for Cooperative MIMO Relaying Systems with Limited Feedback. , 2013, , .		0
215	Data-adaptive reduced-dimension robust Capon beamforming. , 2013, , .		6
216	Low-complexity variable forgetting factor mechanism for recursive least-squares algorithms in interference suppression applications. IET Communications, 2013, 7, 1070-1080.	2.2	3

#	ARTICLE	IF	CITATIONS
217	Adaptive decision feedback detection with parallel interference cancellation and constellation constraints for multiuser multi-input-multi-output systems. IET Communications, 2013, 7, 538-547.	2.2	6
218	Dynamic topology adaptation for distributed estimation in smart grids. , 2013, , .		12
219	Adaptive link selection strategies for distributed estimation in diffusion wireless networks. , 2013, , .		10
220	Robust Multi-Branch Tomlinson-Harashima Source and Relay Precoding Scheme in Nonregenerative MIMO Relay Systems. , 2013, , .		1
221	Robust MMSE precoding strategy for multiuser MIMO relay systems with switched relaying and side information. , 2013, , .		1
222	Low-complexity robust data-dependent dimensionality reduction based on joint iterative optimization of parameters. , 2013, , .		1
223	Adaptive reduced-rank MBER linear receive processing using joint interpolation, switched decimation and filtering for large multiuser MIMO systems. , 2013, , .		0
224	Enhanced EMD-Driven PEG Construction for Structured LDPC Codes. , 2013, , .		1
225	Joint Partial Relay Selection, Power Allocation and Cooperative Maximum Likelihood Detection for MIMO Relay Systems with Limited Feedback. , 2013, , .		1
226	Robust Reduced-Rank Adaptive LCMV Beamforming Algorithms Based on Joint Iterative Optimization of Parameters. , 2013, , 17-34.		0
227	Iterative detection and decoding for MIMO systems with knowledge-aided belief propagation algorithms. , 2012, , .		2
228	A low-complexity strategy for speeding up the convergence of convex combinations of adaptive filters. , 2012, , .		22
229	Adaptive iterative decision multi-feedback detection for multi-user MIMO systems. , 2012, , .		0
230	Joint maximum sum-rate receiver design and power allocation strategy for multihop wireless sensor networks. , 2012, , .		1
231	Low-complexity variable forgetting factor mechanism for blind adaptive constrained constant modulus algorithms. , 2012, , .		0
232	Set-membership constrained conjugate gradient adaptive algorithm for beamforming. IET Signal Processing, 2012, 6, 789-797.	1.5	13
233	Low-Complexity Lattice Reduction-Aided Regularized Block Diagonalization for MU-MIMO Systems. IEEE Communications Letters, 2012, 16, 925-928.	4.1	51
234	Decoder-Optimised Progressive Edge Growth Algorithms for the Design of LDPC Codes with Low Error Floors. IEEE Communications Letters, 2012, 16, 889-892.	4.1	17

#	ARTICLE	IF	CITATIONS
235	$\ell_1$ -Regularized STAP Algorithms With a Generalized Sidelobe Canceler Architecture for Airborne Radar. IEEE Transactions on Signal Processing, 2012, 60, 674-686.	5.3	79
236	Sparsity-aware space-time adaptive processing algorithms with L1-norm regularisation for airborne radar. IET Signal Processing, 2012, 6, 413.	1.5	23
237	Generalised Quasi-Cyclic LDPC codes based on Progressive Edge Growth Techniques for block fading channels. , 2012, , .		7
238	Lattice reduction-aided regularized block diagonalization for multiuser MIMO systems. , 2012, , .		7
239	Adaptive distributed space-time coding for cooperative MIMO relaying systems. , 2012, , .		4
240	Bidirectional MMSE algorithms for interference suppression in DS-CDMA systems over fast fading channels. , 2012, , .		0
241	Low-complexity variable forgetting factor mechanism for RLS algorithms in interference mitigation applications. , 2012, , .		4
242	Joint minimum BER power allocation and receiver design for Distributed Space-Time Coded cooperative MIMO relaying systems. , 2012, , .		1
243	Knowledge-aided reweighted belief propagation decoding for regular and irregular LDPC codes with short blocks. , 2012, , .		3
244	Multi-branch tomlinson-harashima precoding for single-user MIMO systems. , 2012, , .		4
245	Joint maximum likelihood detection and power allocation in cooperative MIMO relay systems. , 2012, , .		5
246	Low-complexity lattice reduction-aided channel inversion methods for large multi-User MIMO systems. , 2012, , .		1
247	Complex sphere decoding with a modified tree pruning and successive interference cancellation. , 2012, , .		1
248	Pre-sorted multiple-branch successive interference cancellation detection for high-dimensional MIMO systems. , 2012, , .		2
249	Quasi-cyclic low-density parity-check codes based on decoder optimised progressive edge growth for short blocks. , 2012, , .		1
250	Adaptive Widely Linear Reduced-Rank Interference Suppression Based on the Multistage Wiener Filter. IEEE Transactions on Signal Processing, 2012, 60, 4003-4016.	5.3	25
251	Low-Complexity Variable Forgetting Factor Mechanism for Blind Adaptive Constrained Constant Modulus Algorithms. IEEE Transactions on Signal Processing, 2012, 60, 3988-4002.	5.3	28
252	Joint Linear Receiver Design and Power Allocation Using Alternating Optimization Algorithms for Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 4129-4141.	6.3	7

#	ARTICLE	IF	CITATIONS
253	Low-Latency Reweighted Belief Propagation Decoding for LDPC Codes. IEEE Communications Letters, 2012, 16, 1660-1663.	4.1	23
254	Parallel multiple candidate interference cancellation with distributed iterative multi-cell detection and base station cooperation. , 2012, , .		3
255	Reduced-rank space-time adaptive interference suppression for navigation systems based on QR decomposition and approximations of basis functions. International Journal of Communication Systems, 2012, 25, 616-635.	2.5	7
256	Transmit Diversity and Relay Selection Algorithms for Multirelay Cooperative MIMO Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 1084-1098.	6.3	64
257	Adaptive Decision-Feedback Detection With Constellation Constraints for MIMO Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 853-859.	6.3	35
258	Joint power allocation and receiver design for Distributed Space-Time Coded cooperative MIMO systems. , 2011, , .		3
259	Knowledge-aided direction finding based on Unitary ESPRIT. , 2011, , .		7
260	Multiple Feedback Successive Interference Cancellation Detection for Multiuser MIMO Systems. IEEE Transactions on Wireless Communications, 2011, 10, 2434-2439.	9.2	69
261	Joint MMSE transmit diversity optimization and relay selection for cooperative MIMO systems using discrete stochastic algorithms. , 2011, , .		0
262	Adaptive iterative decision feedback with constellation constraints and soft-output detection for MIMO systems. , 2011, , .		0
263	Robust adaptive beamforming using worst-case optimization with constrained constant modulus criterion. , 2011, , .		0
264	MMSE transmit diversity selection for multi-relay cooperative MIMO systems using discrete stochastic gradient algorithms. , 2011, , .		3
265	Joint receiver design and power allocation strategies for multihop wireless sensor networks. , 2011, , .		4
266	Dynamic Pilot Allocation Channel Estimation with Spatial Multiplexing for MIMO-OFDM Systems. , 2011, , .		3
267	$L_1$ regularized stap algorithm with a generalized sidelobe canceler architecture for airborne radar. , 2011, , .		7
268	LDPC codes based on Progressive Edge Growth techniques for block fading channels. , 2011, , .		4
269	Multiple feedback successive interference cancellation with iterative decoding for point-to-point MIMO systems. , 2011, , .		2
270	Low-complexity robust beamforming based on conjugate gradient techniques. , 2011, , .		4



#	ARTICLE	IF	CITATIONS
271	Robust adaptive beamforming algorithms using low-complexity mismatch estimation. , 2011, , .		7
272	Set-membership constrained conjugate gradient adaptive filtering algorithm and its application to beamforming. , 2011, , .		4
273	Blind Adaptive Constrained Constant-Modulus Reduced-Rank Interference Suppression Algorithms Based on Interpolation and Switched Decimation. IEEE Transactions on Signal Processing, 2011, 59, 681-695.	5.3	30
274	Novel intentional puncturing schemes for finite-length irregular LDPC codes. , 2011, , .		3
275	Finite-length rate-compatible LDPC codes based on extension techniques. , 2011, , .		2
276	Widely linear adaptive beamforming algorithm based on the conjugate gradient method. , 2011, , .		7
277	Beamspace direction finding based on the conjugate gradient algorithm. , 2011, , .		2
278	Blind space-time joint channel and direction of arrival estimation for DS-CDMA systems. IET Signal Processing, 2011, 5, 33.	1.5	3
279	Joint Transmit Diversity Optimization and Relay Selection for Multi-Relay Cooperative MIMO Systems Using Discrete Stochastic Algorithms. IEEE Communications Letters, 2011, 15, 1035-1037.	4.1	25
280	Design of LDPC Codes Based on Progressive Edge Growth Techniques for Block Fading Channels. IEEE Communications Letters, 2011, 15, 1221-1223.	4.1	23
281	Reduced-Rank Linear Interference Suppression for DS-UWB Systems Based on Switched Approximations of Adaptive Basis Functions. IEEE Transactions on Vehicular Technology, 2011, 60, 485-497.	6.3	5
282	Transmit Processing Techniques Based on Switched Interleaving and Limited Feedback for Interference Mitigation in Multiantenna MC-CDMA Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 1559-1570.	6.3	16
283	Low-Complexity Set-Membership Channel Estimation for Cooperative Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2594-2607.	6.3	43
284	Adaptive Reduced-Rank Equalization Algorithms Based on Alternating Optimization Design Techniques for MIMO Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 2482-2494.	6.3	55
285	Blind Reduced-Rank Adaptive Receivers for DS-UWB Systems Based on Joint Iterative Optimization and the Constrained Constant Modulus Criterion. IEEE Transactions on Vehicular Technology, 2011, 60, 2505-2518.	6.3	10
286	Low-Complexity Reduced-Rank Linear Interference Suppression Based on Set-Membership Joint Iterative Optimization for DS-CDMA Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 4324-4337.	6.3	18
287	Reduced-Rank STAP Algorithms using Joint Iterative Optimization of Filters. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 1668-1684.	4.7	57
288	Switched Interleaving Techniques with Limited Feedback for Interference Mitigation in DS-CDMA Systems. IEEE Transactions on Communications, 2011, 59, 1946-1956.	7.8	22

#	ARTICLE	IF	CITATIONS
289	Recent advances in multiuser MIMO systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2011, 2011, .	2.4	1
290	Joint Power Allocation and Interference Mitigation Techniques for Cooperative Spread Spectrum Systems with Multiple Relays. <i>Mobile Networks and Applications</i> , 2011, 16, 629-639.	3.3	0
291	Non-data-aided adaptive beamforming algorithm based on the Widely Linear Auxiliary Vector Filter. , 2011, , .		6
292	Joint iterative power allocation and relay selection for cooperative MIMO systems using discrete stochastic algorithms. , 2011, , .		4
293	Blind Reduced-Rank Receiver with Column Adaptation for DS-UWB Systems Based on Joint Iterative Optimization and CCM Criterion. , 2011, , .		0
294	Decoder Optimised Progressive Edge Growth Algorithm. , 2011, , .		3
295	Adaptive frequency-domain biased estimation algorithms with automatic adjustment of shrinkage factors. , 2011, , .		2
296	Blind joint interference suppression and power allocation with alternating optimization for cooperative DS-CDMA networks. , 2011, , .		1
297	Multi-Feedback Successive Interference Cancellation with Multi-Branch Processing for MIMO Systems. , 2011, , .		1
298	Generalized low-rank decompositions with switching and adaptive algorithms for space-time adaptive processing. , 2011, , .		0
299	Linear precoding based on switched relaying processing for multiuser MIMO relay systems. , 2011, , .		0
300	Irregular code-aided low-complexity three-stage turbo space time processing. , 2011, , .		0
301	Minimum SER Block Precoding and Equalization for Frequency-Selective Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2010, 59, 1023-1030.	6.3	7
302	Reduced-Rank Space-Time Adaptive Interference Suppression With Joint Iterative Least Squares Algorithms for Spread-Spectrum Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2010, 59, 1217-1228.	6.3	59
303	Blind adaptive MIMO receivers for space-time block-coded DS-CDMA systems in multipath channels using the constant modulus criterion. <i>IEEE Transactions on Communications</i> , 2010, 58, 21-27.	7.8	37
304	Adaptive reduced-rank LCMV beamforming algorithms based on joint iterative optimization of filters: Design and analysis. <i>Signal Processing</i> , 2010, 90, 640-652.	3.7	66
305	Linear precoding based on switched interleaving and limited feedback for interference suppression in downlink multi-antenna MC-CDMA systems. , 2010, , .		1
306	Joint iterative power allocation and interference suppression algorithms for cooperative spread spectrum networks. , 2010, , .		4

#	ARTICLE	IF	CITATIONS
307	Low-Complexity Channel Estimation for Cooperative Wireless Sensor Networks Based on Data Selection. , 2010, , .		4
308	Adaptive reduced-rank interference suppression for DS-UWB systems based on the Widely Linear Multistage Wiener Filter. , 2010, , .		2
309	Reduced-rank BEACON algorithm based on joint iterative optimization of adaptive filters. , 2010, , .		1
310	An iterative Widely Linear interference suppression algorithm based on Auxiliary Vector Filtering. , 2010, , .		4
311	Low-Complexity Reduced-Rank Interference Mitigation Algorithms for DS-UWB Systems. , 2010, , .		2
312	Robust auxiliary vector filtering algorithm based on constrained constant modulus design for adaptive beamforming. , 2010, , .		4
313	Reduced-rank DOA estimation based on joint iterative subspace recursive optimization and grid search. , 2010, , .		6
314	Joint Iterative Power Allocation and Interference Suppression Algorithms for Cooperative DS-CDMA Networks. , 2010, , .		4
315	Adaptive reduced-rank LCMV beamforming algorithm based on the set-membership filtering framework. , 2010, , .		0
316	Blind joint iterative optimization reduced-rank adaptive receiver for DS-UWB systems based on constrained constant modulus criterion. , 2010, , .		0
317	Adaptive Reduced-Rank Constrained Constant Modulus Algorithms Based on Joint Iterative Optimization of Filters for Beamforming. IEEE Transactions on Signal Processing, 2010, 58, 2983-2997.	5.3	30
318	Reduced-Rank STAP Schemes for Airborne Radar Based on Switched Joint Interpolation, Decimation and Filtering Algorithm. IEEE Transactions on Signal Processing, 2010, 58, 4182-4194.	5.3	125
319	Adaptive Constrained Constant Modulus Algorithm Based on Auxiliary Vector Filtering for Beamforming. IEEE Transactions on Signal Processing, 2010, 58, 5408-5413.	5.3	18
320	Multi-branch MMSE decision feedback detection algorithms with error propagation mitigation for MIMO systems. , 2010, , .		1
321	Knowledge-aided STAP algorithm using convex combination of inverse covariance matrices for heterogenous clutter. , 2010, , .		12
322	Knowledge-aided reduced-rank STAP for MIMO radar based on joint iterative constrained optimization of adaptive filters with multiple constraints. , 2010, , .		5
323	Constrained adaptive filtering algorithms based on conjugate gradient techniques for beamforming. IET Signal Processing, 2010, 4, 686.	1.5	31
324	Adaptive reduced-rank least squares beamforming algorithm based on the set-membership framework. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
325	An adaptive LCMV beamforming algorithm based on dynamic selection of constraints. , 2010, , .		1
326	Multiple feedback successive interference cancellation with shadow area constraints for MIMO systems. , 2010, , .		5
327	Switched interleaving turbo codes with transmission of side information for short blocks. , 2010, , .		0
328	Switched interleaving techniques with limited feedback for interference mitigation in Uplink Multi-antenna MC-CDMA Systems. , 2010, , .		0
329	BEACON channel estimation for cooperative wireless sensor networks based on data selection. , 2010, , .		2
330	Adaptive Detector for SC-FDE in Multiuser DS-UWB Systems Based on Structured Channel Estimation with Conjugate Gradient Algorithm. , 2010, , .		0
331	Joint model-order and step-size adaptation with convex combinations of reduced-rank adaptive filters. , 2010, , .		0
332	Joint power allocation and interference mitigation techniques for cooperative spread spectrum systems with multiple relays. , 2009, , .		2
333	Adaptive set-membership reduced-rank interference suppression for DS-UWB systems. , 2009, , .		2
334	Adaptive linear interference suppression based on block conjugate gradient method in frequency domain for DS-UWB systems. , 2009, , .		4
335	Linear Interference Suppression for Spread Spectrum Systems with Switched Interleaving and Limited Feedback. , 2009, , .		2
336	Multi-Branch Successive Interference Cancellation for MIMO Spatial Multiplexing Systems. , 2009, , .		4
337	Joint Power Allocation and Interference Suppression Techniques for Cooperative CDMA Systems. , 2009, , .		4
338	Set-membership reduced-rank algorithms based on joint iterative optimization of adaptive filters. , 2009, , .		1
339	Reduced-rank space-time adaptive processing for navigation receivers based on QR decomposition and approximations of basis functions. , 2009, , .		0
340	Novel Switched Interleaving Techniques with Limited Feedback for DS-CDMA Systems. , 2009, , .		1
341	Design of adaptive multi-branch SIC receivers for MIMO spatial multiplexing systems. , 2009, , .		2
342	Multistage MIMO receivers based on multi-branch interference cancellation for MIMO-CDMA systems. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
343	Minimum Mean-Squared Error Multi-Branch Decision Feedback Detection for MIMO Systems. , 2009, , .		0
344	Set-Membership Adaptive Algorithms Based on Time-Varying Error Bounds for CDMA Interference Suppression. IEEE Transactions on Vehicular Technology, 2009, 58, 644-654.	6.3	60
345	Space-Time Adaptive MMSE Multiuser Decision Feedback Detectors With Multiple-Feedback Interference Cancellation for CDMA Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 4129-4140.	6.3	23
346	Low-complexity adaptive step size constrained constant modulus SG algorithms for adaptive beamforming. Signal Processing, 2009, 89, 2503-2513.	3.7	20
347	Adaptive reduced-rank constrained constant modulus beamforming algorithms based on joint iterative optimization of filters. , 2009, , .		1
348	Reduced-rank STAP for MIMO radar based on joint iterative optimization of knowledge-aided adaptive filters. , 2009, , .		6
349	Low-Complexity Variable Step-Size Mechanism for Code-Constrained Constant Modulus Stochastic Gradient Algorithms Applied to CDMA Interference Suppression. IEEE Transactions on Signal Processing, 2009, 57, 313-323.	5.3	26
350	Adaptive Reduced-Rank Processing Based on Joint and Iterative Interpolation, Decimation, and Filtering. IEEE Transactions on Signal Processing, 2009, 57, 2503-2514.	5.3	154
351	Robust Reduced-Rank Adaptive Algorithm Based on Parallel Subgradient Projection and Krylov Subspace. IEEE Transactions on Signal Processing, 2009, 57, 4660-4674.	5.3	12
352	Reduced-rank STAP algorithm for adaptive radar based on basis-functions approximation. , 2009, , .		1
353	A new approach to reduced-rank DOA estimation based on joint iterative subspace optimization and grid search. , 2009, , .		1
354	Adaptive space-time reduced-rank estimation based on diversity-combined decimation and interpolation applied to interference suppression in CDMA systems. IET Signal Processing, 2009, 3, 150.	1.5	7
355	Efficient Acoustic Echo Cancellation With Reduced-Rank Adaptive Filtering Based on Selective Decimation and Adaptive Interpolation. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 696-710.	3.2	14
356	Minimum Mean-Squared Error Iterative Successive Parallel Arbitrated Decision Feedback Detectors for DS-CDMA Systems. IEEE Transactions on Communications, 2008, 56, 778-789.	7.8	113
357	Successive Interference Cancellation Schemes for Time-Reversal Space-Time Block Codes. IEEE Transactions on Vehicular Technology, 2008, 57, 642-648.	6.3	13
358	Blind Adaptive Constrained Reduced-Rank Parameter Estimation Based on Constant Modulus Design for CDMA Interference Suppression. IEEE Transactions on Signal Processing, 2008, 56, 2470-2482.	5.3	63
359	Adaptive reduced-rank RLS algorithms based on joint iterative optimization of adaptive filters for space-time interference suppression. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	1
360	Adaptive MIMO Decision Feedback Reduced-Rank Equalization Based on Joint Iterative Optimization of Adaptive RLS Estimation Algorithms. , 2008, , .		3

#	ARTICLE	IF	CITATIONS
361	Reduced-rank STAP algorithm for adaptive radar based on joint iterative optimization of adaptive filters. , 2008, , .		8
362	Space-time adaptive reduced-rank processor for interference mitigation in DS-CDMA systems. IET Communications, 2008, 2, 388.	2.2	5
363	Space-Time Adaptive Decision Feedback Neural Receivers With Data Selection for High-Data-Rate Users in DS-CDMA Systems. IEEE Transactions on Neural Networks, 2008, 19, 1887-1895.	4.2	1
364	A reduced-rank approach to adaptive linearly constrained minimum variance beamforming based on joint iterative optimization of adaptive filters. , 2008, , .		2
365	Low-complexity adaptive step size constrained constant modulus sg-based algorithms for blind adaptive beamforming. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	5
366	Approximate ML Serial Detector Based on Tomlinson-Harashima Pre-Equalization. IEEE Vehicular Technology Conference, 2008, , .	0.4	0
367	Blind adaptive reduced-rank estimation based on the constant modulus criterion and diversity combined decimation and interpolation. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
368	Adaptive reduced-rank LCMV beamforming algorithms based on joint iterative optimisation of filters. Electronics Letters, 2008, 44, 565.	1.0	21
369	Adaptive reduced-rank interference suppression for DS-UWB systems based on switched approximation of basis functions. , 2008, , .		2
370	Adaptive MIMO Reduced-Rank Equalization Based on Joint Iterative Least Squares Optimization of Estimators. IEEE Vehicular Technology Conference, 2008, , .	0.4	1
371	Reduced-rank interference suppression for GPS systems based on adaptive basis-function approximation. , 2008, , .		1
372	Iterative Turbo MMSE Successive Parallel Arbitrated Decision Feedback Detectors for DS-CDMA Systems. , 2008, , .		0
373	Reduced-Complexity Cluster Modelling for the 3GPP Channel Model. , 2007, , .		4
374	Adaptive Interference Suppression for DS-CDMA Systems Based on Interpolated FIR Filters With Adaptive Interpolators in Multipath Channels. IEEE Transactions on Vehicular Technology, 2007, 56, 2457-2474.	6.3	36
375	AdaptiveSpace-TimeReduced-RankInterference Suppression for Asynchronous DS-CDMA based on a Diversity-Combined Decimation and Interpolation Scheme. , 2007, , .		1
376	Low-Complexity Variable Step Size Mechanism for Code-Constrained Constant Modulus Stochastic Gradient Algorithms applied to CDMA Interference Suppression. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	2
377	Adaptive Reduced-Rank MMSE Parameter Estimation Based on an Adaptive Diversity-Combined Decimation and Interpolation Scheme. , 2007, , .		11
378	Constrained Constant Modulus RLS-based Blind Adaptive Beamforming Algorithm for Smart Antennas. , 2007, , .		16

#	ARTICLE	IF	CITATIONS
379	Space-Time Adaptive MMSE Multiuser Decision Feedback Detectors with Multiple Feedback Interference Cancellation for CDMA Systems. , 2007, , .		4
380	Blind Adaptive Constrained Reduced-Rank Estimation Algorithms for Constant Modulus Signals Applied to CDMA Interference Suppression. , 2007, , .		0
381	Acoustic Echo Cancellation with Reduced-Rank Adaptive Interpolated Filter Based on Parallel-Branch Diversity Decimation. , 2007, , .		0
382	Adaptive Reduced-Rank Filtering using a Projection Operator Based on Joint Iterative Optimization of Adaptive Filters for CDMA Interference Suppression. , 2007, , .		0
383	Low-Complexity Blind Adaptive MIMO Receivers for CDMA Systems with Space-Time Block-Codes in Multipath Channels. , 2007, , .		1
384	A Novel Constrained Adaptive Algorithm Using the Conjugate Gradient Method for Smart Antennas. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	3
385	Differential Bell-Labs Layered Space Time Architectures. , 2007, , .		6
386	Blind Linear Interference Suppression Based on Reduced-Rank Least-Squares Constrained Constant Modulus Design for DS-CDMA Systems. , 2007, , .		2
387	Joint iterative interference cancellation and parameter estimation for cdma systems. IEEE Communications Letters, 2007, 11, 916-918.	4.1	33
388	Serial signal detector for time-reversal STBC over frequency-selective channels. , 2007, , .		0
389	A unified approach to joint adaptive interference cancellation and parameter estimation for CDMA systems in multipath channels. , 2007, , .		0
390	Set-Theoretic Reduced-Rank Adaptive Filtering by Adaptive Projected Subgradient Method. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	0
391	Reduced-Rank Adaptive Filtering Based on Joint Iterative Optimization of Adaptive Filters. IEEE Signal Processing Letters, 2007, 14, 980-983.	3.6	84
392	Blind Adaptive and Iterative Algorithms for Decision-Feedback DS-CDMA Receivers in Frequency-Selective Channels. IEEE Transactions on Vehicular Technology, 2007, 56, 605-618.	6.3	4
393	Adaptive detection using widely linear processing with data reusing for DS-CDMA systems. , 2006, , .		3
394	Blind Adaptive Linear Parallel Interference Canceller for DS-CDMA in Frequency Selective Fading Channels. , 2006, , .		0
395	New constrained blind adaptive receivers for DS-CDMA systems based on group constraints. , 2006, , .		0
396	Set-membership adaptive algorithms based on time-varying error bounds and their application to interference suppression. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
397	Low-complexity variable step-size mechanisms for stochastic gradient algorithms in minimum variance CDMA receivers. IEEE Transactions on Signal Processing, 2006, 54, 2302-2317.	5.3	44
398	Set-membership adaptive algorithms based on time-varying error bounds and their application to interference suppression. , 2006, , .		5
399	Modified interpolation of LSFs based on optimization of distortion measures. , 2006, , .		1
400	Blind adaptive space-time block-coded receivers for DS-CDMA systems in multipath channels based on the constant modulus criterion. , 2006, , .		1
401	Minimum Mean Squared Error Iterative Successive Parallel Arbitrated Decision Feedback Detectors for DS-CDMA Systems. , 2006, , .		1
402	Blind adaptive and iterative interference cancellation receiver structures based on the constant modulus criterion in multipath channels. , 2006, , .		0
403	Blind adaptive code-constrained constant modulus algorithms for CDMA interference suppression in multipath channels. IEEE Communications Letters, 2005, 9, 334-336.	4.1	41
404	Adaptive reduced-rank MMSE filtering with interpolated FIR filters and adaptive interpolators. IEEE Signal Processing Letters, 2005, 12, 177-180.	3.6	64
405	Blind adaptive decision feedback CDMA receivers for dispersive channels. Electronics Letters, 2004, 40, 318.	1.0	2
406	Adaptive Decision Feedback Multiuser Detectors with Recurrent Neural Networks for DS-CDMA in Fading Channels. Lecture Notes in Computer Science, 2004, , 134-141.	1.3	0
407	Adaptive MBER decision feedback multiuser receivers in frequency selective fading channels. IEEE Communications Letters, 2003, 7, 73-75.	4.1	43
408	Joint Resource Allocation and Interference Mitigation Techniques for Cooperative Wireless Networks. , 0, , 185-213.		0