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List of Publications by Year
in descending order

201 papers	12,117 citations	76326 40 h-index	43889 91 g-index
201 all docs	201 docs citations	201 times ranked	6841 citing authors

#	Article	IF	Citations
1	Probabilistic Simplex Component Analysis. IEEE Transactions on Signal Processing, 2022, 70, 582-599.	5.3	4
2	Symbol-Level Precoding Through the Lens of Zero Forcing and Vector Perturbation. IEEE Transactions on Signal Processing, 2022, 70, 1687-1703.	5.3	10
3	Binary MIMO Detection via Homotopy Optimization and Its Deep Adaptation. IEEE Transactions on Signal Processing, 2021, 69, 781-796.	5.3	21
4	Divide and Conquer: One-bit MIMO-OFDM Detection by Inexact Expectation Maximization. , 2021, , .		1
5	Robust Probabilistic Simplex Component Analysis. , 2021, , .		1
6	Editorial A (Belated) Message From the New EiC. IEEE Transactions on Signal Processing, 2021, 69, 4888-4889.	5.3	0
7	Robust Downlink Transmit Optimization Under Quantized Channel Feedback via the Strong Duality for QCQP. IEEE Signal Processing Letters, 2021, 28, 1-5.	3.6	3
8	Understanding Notions of Stationarity in Nonsmooth Optimization: A Guided Tour of Various Constructions of Subdifferential for Nonsmooth Functions. IEEE Signal Processing Magazine, 2020, 37, 18-31.	5.6	20
9	Nonconvex Optimization for Signal Processing and Machine Learning [From the Guest Editors]. IEEE Signal Processing Magazine, 2020, 37, 15-17.	5.6	4
10	A Partial Relaxation DOA Estimator Based on Orthogonal Matching Pursuit. , 2020, , .		2
11	Minimum Symbol-Error Probability Symbol-Level Precoding With Intelligent Reflecting Surface. IEEE Wireless Communications Letters, 2020, 9, 1601-1605.	5.0	17
12	Hybrid Inexact BCD for Coupled Structured Matrix Factorization in Hyperspectral Super-Resolution. IEEE Transactions on Signal Processing, 2020, 68, 1728-1743.	5.3	7
13	Hyperspectral Super-Resolution via Global–Local Low-Rank Matrix Estimation. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7125-7140.	6.3	17
14	Multiuser Massive Mimo Downlink Precoding Using Second-Order Spatial Sigma-Delta Modulation. , 2020, , .		1
15	Spectral Variability Aware Blind Hyperspectral Image Unmixing Based on Convex Geometry. IEEE Transactions on Image Processing, 2020, 29, 4568-4582.	9.8	24
16	Stochastic Ml Estimation for Hyperspectral Unmixing Under Endmember Variability and Nonlinear Models. , 2020, , .		1
17	Discrete Constant Envelope Transceiver Design for Multiuser Massive MIMO Downlink. , 2019, , .		2
18	An Admm Algorithm for Peak Transmission Energy Minimization in Symbol-level Precoding. , 2019, , .		2

#	Article	IF	Citations
19	Deep Mimo Detection Using ADMM Unfolding. , 2019, , .		28
20	A Framework for One-Bit and Constant-Envelope Precoding Over Multiuser Massive MISO Channels. IEEE Transactions on Signal Processing, 2019, 67, 5309-5324.	5.3	66
21	One-Bit Sigma-Delta MIMO Precoding. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1046-1061.	10.8	27
22	Stochastic Ml Simplex-structured Matrix Factorization under the Dirichlet Mixture Model. , 2019, , .		3
23	Full-Duplex Secure Relay Beamforming Design for Systems With Perfect and Partial CSI. IEEE Transactions on Vehicular Technology, 2019, 68, 5570-5584.	6.3	5
24	Nonnegative Matrix Factorization for Signal and Data Analytics: Identifiability, Algorithms, and Applications. IEEE Signal Processing Magazine, 2019, 36, 59-80.	5.6	173
25	Spatial Sigma-Delta Modulation for the Massive MIMO Downlink. , 2019, , .		0
26	One-Bit Massive Mimo Precoding via a Minimum Symbol-Error Probability Design. , 2018, , .		23
27	Symbol-Level Precoding is Symbol-Perturbed zf When Energy Efficiency is Sought. , 2018, , .		11
28	MULTIUSER ONE-BIT MASSIVE MIMO PRECODING UNDER MPSK SIGNALING. , 2018, , .		8
29	Hyperspectral Super-Resolution Via Coupled Tensor Factorization: Identifiability and Algorithms. , 2018, , .		18
30	Hi, Bcd! Hybrid Inexact Block Coordinate Descent for Hyperspectral Super-Resolution. , 2018, , .		5
31	Hyperspectral Super-Resolution: A Coupled Tensor Factorization Approach. IEEE Transactions on Signal Processing, 2018, 66, 6503-6517.	5.3	141
32	Minimum Symbol Error Rate-Based Constant Envelope Precoding for Multiuser Massive Miso Downlink. , 2018, , .		11
33	A Convex Low-Rank Regularization Method for Hyperspectral Super-Resolution. , 2018, , .		1
34	Hyperspectral Super-Resolution: Combining Low Rank Tensor and Matrix Structure. , 2018, , .		14
35	Maximum Volume Inscribed Ellipsoid: A New Simplex-Structured Matrix Factorization Framework via Facet Enumeration and Convex Optimization. SIAM Journal on Imaging Sciences, 2018, 11, 1651-1679.	2.2	34
36	Semidefinite Relaxation and Approximation Analysis of a Beamformed Alamouti Scheme for Relay Beamforming Networks. IEEE Transactions on Signal Processing, 2017, 65, 2428-2443.	5.3	4

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37	Unraveling the Rank-One Solution Mystery of Robust MISO Downlink Transmit Optimization: A Verifiable Sufficient Condition via a New Duality Result. IEEE Transactions on Signal Processing, 2017, 65, 1909-1924.	5.3	16
38	A stochastic maximum-likelihood framework for simplex structured matrix factorization. , 2017, , .		6
39	A simple way to approximate average robust multiuser MISO transmit optimization under covariance-based CSIT. , 2017, , .		10
40	Joint transmit beamforming optimization and uplink/downlink user selection in a full-duplex multi-user MIMO system. , 2017, , .		6
41	Secrecy rate maximization in full-duplex multi-antenna decode-and-forward relay systems. , 2017, , .		4
42	Spatial peak power minimization for relaxed phase M-PSK MIMO directional modulation transmitter. , 2017, , .		8
43	MIMO directional modulation M-QAM precoding for transceivers performance enhancement. , 2017, , .		12
44	A discrete first-order method for large-scale MIMO detection with provable guarantees. , 2017, , .		17
45	Robust volume minimization-based matrix factorization via alternating optimization. , 2016, , .		4
46	A new low-rank solution result for a semidefinite program problem subclass with applications to transmit beamforming optimization. , 2016, , .		4
47	Low-Complexity Robust MISO Downlink Precoder Design Under Imperfect CSI. IEEE Transactions on Signal Processing, 2016, 64, 3237-3249.	5.3	17
48	A Stochastic Beamformed Amplify-and-Forward Scheme in a Multigroup Multicast MIMO Relay Network with Per-Antenna Power Constraints. IEEE Transactions on Wireless Communications, 2016, , 1-1.	9.2	16
49	Discrete Sum Rate Maximization for MISO Interference Broadcast Channels: Convex Approximations and Efficient Algorithms. IEEE Transactions on Signal Processing, 2016, 64, 4323-4336.	5.3	6
50	Power Spectra Separation via Structured Matrix Factorization. IEEE Transactions on Signal Processing, 2016, 64, 4592-4605.	5.3	21
51	Sum Secrecy Rate Maximization for Full-Duplex Two-Way Relay Networks Using Alamouti-Based Rank-Two Beamforming. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1359-1374.	10.8	47
52	Robust Volume Minimization-Based Matrix Factorization for Remote Sensing and Document Clustering. IEEE Transactions on Signal Processing, 2016, 64, 6254-6268.	5.3	77
53	Semiblind Hyperspectral Unmixing in the Presence of Spectral Library Mismatches. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5171-5184.	6.3	75
54	Robustness Analysis of Structured Matrix Factorization via Self-Dictionary Mixed-Norm Optimization. IEEE Signal Processing Letters, 2016, 23, 60-64.	3.6	14

#	Article	IF	Citations
55	When can the minimum volume enclosing simplex identify the endmembers correctly when there is no pure pixel?. , 2015, , .		0
56	Enhancing Pure-Pixel Identification Performance via Preconditioning. SIAM Journal on Imaging Sciences, 2015, 8, 1161-1186.	2.2	9
57	Stochastic amplify-and-forward schemes for multigroup multicast transmission in a distributed relay network. , 2015, , .		4
58	A beamformed alamouti amplify-and-forward scheme in multigroup multicast cloud-relay networks. , 2015, , .		6
59	Low-complexity robust MISO downlink precoder optimization for the limited feedback case. , 2015, , .		4
60	Identifiability of the Simplex Volume Minimization Criterion for Blind Hyperspectral Unmixing: The No-Pure-Pixel Case. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5530-5546.	6.3	76
61	WMMSE-based multiuser MIMO beamforming: A practice-oriented design and LTE system performance evaluation. , 2015, , .		0
62	Blind Separation of Quasi-Stationary Sources: Exploiting Convex Geometry in Covariance Domain. IEEE Transactions on Signal Processing, 2015, 63, 2306-2320.	5.3	90
63	Self-Dictionary Sparse Regression for Hyperspectral Unmixing: Greedy Pursuit and Pure Pixel Search Are Related. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1128-1141.	10.8	56
64	Joint Tensor Factorization and Outlying Slab Suppression With Applications. IEEE Transactions on Signal Processing, 2015, 63, 6315-6328.	5.3	47
65	A Factor Analysis Framework for Power Spectra Separation and Multiple Emitter Localization. IEEE Transactions on Signal Processing, 2015, 63, 6581-6594.	5.3	23
66	Rank-Two Beamforming and Stochastic Beamforming for MISO Physical-Layer Multicasting with Finite-Alphabet Inputs. IEEE Signal Processing Letters, 2015, 22, 1614-1618.	3.6	6
67	Robust Cooperative Beamforming and Artificial Noise Design for Physical-Layer Secrecy in AF Multi-Antenna Multi-Relay Networks. IEEE Transactions on Signal Processing, 2015, 63, 206-220.	5.3	180
68	A robust subspace method for semiblind dictionary-aided hyperspectral unmixing. , 2014, , .		2
69	Distributionally robust chance-constrained transmit beamforming for multiuser MISO downlink. , 2014, , .		21
70	Tensor-based power spectra separation and emitter localization for cognitive radio. , 2014, , .		8
71	Constant Envelope Precoding for Single-User Large-Scale MISO Channels: Efficient Precoding and Optimal Designs. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 982-995.	10.8	71
72	Signal and Image Processing in Hyperspectral Remote Sensing [From the Guest Editors]. IEEE Signal Processing Magazine, 2014, 31, 22-23.	5.6	17

#	ARTICLE	IF	CITATIONS
73	Robust transmit designs for an energy harvesting multicast system. , 2014, , .		18
74	Blind spectra separation and direction finding for cognitive radio using temporal correlation-domain ESPRIT. , 2014, , .		9
75	Antenna subset selection optimization for large-scale MISO constant envelope precoding. , 2014, , .		4
76	MIMO Detection by Lagrangian Dual Maximum-Likelihood Relaxation: Reinterpreting Regularized Lattice Decoding. IEEE Transactions on Signal Processing, 2014, 62, 511-524.	5.3	27
77	A Signal Processing Perspective on Hyperspectral Unmixing: Insights from Remote Sensing. IEEE Signal Processing Magazine, 2014, 31, 67-81.	5.6	362
78	Outage Constrained Robust Transmit Optimization for Multiuser MISO Downlinks: Tractable Approximations by Conic Optimization. IEEE Transactions on Signal Processing, 2014, 62, 5690-5705.	5.3	507
79	Robust artificial noise-aided transmit optimization for achieving secrecy and energy harvesting. , 2014, , .		21
80	A Safe Approximation Approach to Secrecy Outage Design for MIMO Wiretap Channels. IEEE Signal Processing Letters, 2014, 21, 118-121.	3.6	40
81	Physical-Layer Multicasting by Stochastic Transmit Beamforming and Alamouti Space-Time Coding. IEEE Transactions on Signal Processing, 2013, 61, 4230-4245.	5.3	130
82	Robust Affine Set Fitting and Fast Simplex Volume Max-Min for Hyperspectral Endmember Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 3982-3997.	6.3	26
83	Optimum Performance Boundaries of OSTBC Based AF-MIMO Relay System With Energy Harvesting Receiver. IEEE Transactions on Signal Processing, 2013, 61, 4199-4213.	5.3	105
84	Spatially Selective Artificial-Noise Aided Transmit Optimization for MISO Multi-Eves Secrecy Rate Maximization. IEEE Transactions on Signal Processing, 2013, 61, 2704-2717.	5.3	257
85	Achieving full cooperative and frequency diversity in bit-interleaved coded two-way relay networks. , 2013, , .		0
86	Cooperative Secure Beamforming for AF Relay Networks With Multiple Eavesdroppers. IEEE Signal Processing Letters, 2013, 20, 35-38.	3.6	209
87	A flexible semi-definite programming approach for source localization problems. , 2013, 23, 601-609.		22
88	A Khatri–Rao subspace approach to blind identification of mixtures of quasi-stationary sources. Signal Processing, 2013, 93, 3515-3527.	3.7	12
89	Guest Editorial: Signal Processing for Wireless Physical Layer Security}. IEEE Journal on Selected Areas in Communications, 2013, 31, 1657-1659.	14.0	6
90	Optimal joint cooperative beamforming and artificial noise design for secrecy rate maximization in AF relay networks. , 2013, , .		22

#	Article	IF	Citations
91	Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization. IEEE Journal on Selected Areas in Communications, 2013, 31, 1714-1727.	14.0	172
92	Signal region characterization and exact phase recovery for constant envelope precoding in single-user large-scale MISO channels. , 2013, , .		2
93	Blind separation of convolutive mixtures of speech sources: Exploiting local sparsity. , 2013, , .		3
94	Multi-group multicast beamforming in cognitive radio networks via rank-two transmit beamformed Alamouti space-time coding. , 2013, , .		15
95	Robust semi-definite relaxation MIMO detection in a non-gaussian channel. , 2013, , .		0
96	A convex approximation method for multiuser MISO sum rate maximization under discrete rate constraints. , 2013, , .		4
97	A non-negative sparse promoting algorithm for high resolution hyperspectral imaging. , 2013, , .		90
98	Fast algorithms for robust hyperspectral endmember extraction based on worst-case simplex volume maximization. , 2012, , .		8
99	A simple closed-form solution for overdetermined blind separation of locally sparse quasi-stationary sources. , 2012, , .		6
100	A decentralized method for joint admission control and beamforming in coordinated multicell downlink. , 2012, , .		18
101	Optimal transmission strategy for outage rate maximization in MISO fading channels with training. , 2012, , .		4
102	A complex-valued semidefinite relaxation approach for two-dimensional source localization using distance measurements and imperfect receiver positions. , 2012, , .		5
103	Robust Multicast Beamforming for Spectrum Sharing-Based Cognitive Radios. IEEE Transactions on Signal Processing, 2012, 60, 527-533.	5.3	86
104	Rank-two transmit beamformed Alamouti space-time coding for physical-layer multicasting. , 2012, , .		33
105	Noncoherent OSTBC-OFDM for MIMO and Cooperative Communications: Perfect Channel Identifiability and Achievable Diversity Order. IEEE Transactions on Signal Processing, 2012, 60, 4849-4863.	5.3	5
106	Noncoherent Bit-Interleaved Coded OSTBC-OFDM with Maximum Spatial-Frequency Diversity. IEEE Transactions on Wireless Communications, 2012, 11, 3335-3347.	9.2	4
107	Chance-Constrained Robust Minimum-Volume Enclosing Simplex Algorithm for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 4194-4209.	6.3	71
108	Safe convex approximation to outage-based MISO secrecy rate optimization under imperfect CSI and with artificial noise. , 2011, , .		33

#	Article	IF	Citations
109	QoS-Based Transmit Beamforming in the Presence of Eavesdroppers: An Optimized Artificial-Noise-Aided Approach. IEEE Transactions on Signal Processing, 2011, 59, 1202-1216.	5.3	339
110	Worst-case robust multiuser transmit beamforming using semidefinite relaxation: duality and implications. , 2011, , .		22
111	A Simplex Volume Maximization Framework for Hyperspectral Endmember Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 4177-4193.	6.3	178
112	Probabilistic SINR constrained robust transmit beamforming: A Bernstein-type inequality based conservative approach. , 2011, , .		62
113	An Effective Distributed Space-Time Code for Two-Path Successive Relay Network. IEEE Transactions on Communications, 2011, 59, 2254-2263.	7.8	40
114	A Lagrangian dual relaxation approach to ML MIMO detection: Reinterpreting regularized lattice decoding. , 2011, , .		3
115	Multicast Secrecy Rate Maximization for MISO Channels with Multiple Multi-Antenna Eavesdroppers. , 2011, , .		29
116	Blind identification of mixtures of quasi-stationary sources using a khatri-rao subspace approach. , 2011, , .		2
117	Optimal and Robust Transmit Designs for MISO Channel Secrecy by Semidefinite Programming. IEEE Transactions on Signal Processing, 2011, 59, 3799-3812.	5.3	205
118	An optimization perspective onwinter's endmember extraction belief. , 2011, , .		2
119	A robust artificial noise aided transmit design for MISO secrecy. , 2011, , .		16
120	Multicast transmit beamforming using a randomize-in-time strategy. , 2011, , .		10
121	Cheap semidefinite relaxation MIMO detection using row-by-row block coordinate descent. , 2011, , .		21
122	Robust secondary multicast transmit beamforming for cognitive radio networks under imperfect channel state information. , 2011, , .		1
123	Fast alternating volume maximization algorithm for blind separation of non-negative sources. , 2011, , .		0
124	Maximum *A Posteriori* Approach to Time-of-Arrival-Based Localization in Non-Line-of-Sight Environment. IEEE Transactions on Vehicular Technology, 2010, 59, 1517-1523.	6.3	37
125	A robust minimum volume enclosing simplex algorithm for hyperspectral unmixing. , 2010, , .		6
126	Joint transmit beamforming and artificial noise design for QoS discrimination inwireless downlink. , 2010, , .		23

#	ARTICLE	IF	CITATIONS
127	Convex Optimization in Signal Processing [From the Guest Editors. IEEE Signal Processing Magazine, 2010, 27, 19-145.	5.6	8
128	Semidefinite Relaxation of Quadratic Optimization Problems. IEEE Signal Processing Magazine, 2010, 27, 20-34.	5.6	2,486
129	A Linear Fractional Semidefinite Relaxation Approach to Maximum-Likelihood Detection of Higher-Order QAM OSTBC in Unknown Channels. IEEE Transactions on Signal Processing, 2010, 58, 2315-2326.	5.3	21
130	Optimal Linear Fusion for Distributed Detection Via Semidefinite Programming. IEEE Transactions on Signal Processing, 2010, 58, 2431-2436.	5.3	121
131	DOA Estimation of Quasi-Stationary Signals With Less Sensors Than Sources and Unknown Spatial Noise Covariance: A Khatriâ€"Rao Subspace Approach. IEEE Transactions on Signal Processing, 2010, 58, 2168-2180.	5.3	234
132	Secrecy rate maximization of a miso channelwith multiple multi-antenna eavesdroppers via semidefinite programming. , 2010, , .		5
133	Distributed Space-Time Coding for Two-Path Successive Relaying. , 2010, , .		6
134	Hyperspectral unmixing from a convex analysis and optimization perspective. , 2009, , .		8
135	DOA estimation of quasi-stationary signals via Khatri-Rao subspace. , 2009, , .		64
136	Semi-definite programming approach to sensor network node localization with anchor position uncertainty. , 2009, , .		9
137	Convex analysis based minimum-volume enclosing simplex algorithm for hyperspectral unmixing. , 2009, , .		28
138	Full diversity under multiple carrier frequency offsets of a family of space-frequency codes. , 2009, , .		4
139	On perfect channel identifiability of semiblind ML detection of orthogonal space-time block coded OFDM. , 2009, , .		2
140	The Equivalence of Semidefinite Relaxation MIMO Detectors for Higher-Order QAM. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 1038-1052.	10.8	46
141	Signal Detection in a Spaceâ€"Frequency Coded Cooperative Communication System With Multiple Carrier Frequency Offsets by Exploiting Specific Properties of the Code Structure. IEEE Transactions on Vehicular Technology, 2009, 58, 3396-3409.	6.3	8
142	A Novel Subspace Approach for Cooperative Localization in Wireless Sensor Networks Using Range Measurements. IEEE Transactions on Signal Processing, 2009, 57, 260-269.	5.3	34
143	Semi-Definite Programming Algorithms for Sensor Network Node Localization With Uncertainties in Anchor Positions and/or Propagation Speed. IEEE Transactions on Signal Processing, 2009, 57, 752-763.	5.3	146
144	A Convex Analysis-Based Minimum-Volume Enclosing Simplex Algorithm for Hyperspectral Unmixing. IEEE Transactions on Signal Processing, 2009, 57, 4418-4432.	5.3	382

#	Article	IF	Citations
145	Optimal linear fusion for distributed spectrum sensing via semidefinite programming. , 2009, , .		9
146	A Gaussian Mixture PHD Filter for Jump Markov System Models. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 919-936.	4.7	155
147	A Study on Particle Filters for Single-Tone Frequency Tracking. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 1111-1125.	4.7	27
148	Blind maximum-likelihood detection for decode-and-forward randomized distributed OSTBC. , 2009, , .		1
149	Optimization Techniques in Wireless Communications. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	4
150	Maximum-Likelihood Detection of Orthogonal Space-Time Block Coded OFDM in Unknown Block Fading Channels. IEEE Transactions on Signal Processing, 2008, 56, 1637-1649.	5.3	36
151	A Convex Analysis Framework for Blind Separation of Non-Negative Sources. IEEE Transactions on Signal Processing, 2008, 56, 5120-5134.	5.3	106
152	A Linear Fractional Semidefinite Relaxed ML Approach to Blind Detection of 16-QAM Orthogonal Space-Time Block Codes. , 2008, , .		2
153	Some results on 16-QAM MIMO detection using semidefinite relaxation. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	6
154	Blind separation of non-negative sources by convex analysis: Effective method using linear programming. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
155	A Block-by-Block Blind Post-FFT Multistage Beamforming Algorithm for Multiuser OFDM Systems Based on Subcarrier Averaging. IEEE Transactions on Wireless Communications, 2008, 7, 3238-3251.	9.2	5
156	Semiblind ML OSTBC-OFDM Detection in Block Fading Channels. , 2007, , .		4
157	A Convex Analysis Based Criterion for Blind Separation of Non-Negative Sources. , 2007, , .		1
158	Blind ML Detection of Orthogonal Space-Time Block Codes: Identifiability and Code Construction. IEEE Transactions on Signal Processing, 2007, 55, 3312-3324.	5.3	43
159	A Blind Post-FFT User-by-user Beamforming Algorithm for Multiuser OFDM Systems. , 2007, , .		1
160	Nonintersecting Subspace OSTBCs for Blind ML Detection. , 2007, , .		1
161	A Novel Subspace Approach for Wireless Sensor Network Positioning with Range Measurements. , 2007, , .		6
162	A subcarrier average based block-by-block blind channel estimation algorithm for multi-user OFDM systems. , 2007, , .		2

#	Article	IF	Citations
163	A block-by-block blind post-fft beamforming algorithm for multiuser OFDM systems based on subcarrier averaging. , 2007, , .		4
164	Two Simplified Recursive Gaussâ€"Newton Algorithms for Direct Amplitude and Phase Tracking of a Real Sinusoid. IEEE Signal Processing Letters, 2007, 14, 972-975.	3.6	39
165	Closed Form PHD Filtering for Linear Jump Markov Models. , 2006, , .		21
166	Blind ML detection of orthogonal space-time block codes: efficient high-performance implementations. IEEE Transactions on Signal Processing, 2006, 54, 738-751.	5.3	88
167	Tracking an unknown time-varying number of speakers using TDOA measurements: a random finite set approach. IEEE Transactions on Signal Processing, 2006, 54, 3291-3304.	5.3	160
168	A Constrained Least Squares Approach to Mobile Positioning: Algorithms and Optimality. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	204
169	The Gaussian Mixture Probability Hypothesis Density Filter. IEEE Transactions on Signal Processing, 2006, 54, 4091-4104.	5.3	1,422
170	A closed-form solution for the probability hypothesis density filter. , 2005, , .		53
171	On Four Suboptimal Quadratic Detectors for Random Signals. IEICE Transactions on Communications, 2005, E88-B, 4527-4533.	0.7	2
172	Semidefinite Relaxation Based Multiuser Detection for<tex>M</tex>-Ary PSK Multiuser Systems. IEEE Transactions on Signal Processing, 2004, 52, 2862-2872.	5.3	90
173	Least Squares Algorithms for Time-of-Arrival-Based Mobile Location. IEEE Transactions on Signal Processing, 2004, 52, 1121-1128.	5.3	439
174	A Block Alternating Likelihood Maximization Approach to Multiuser Detection. IEEE Transactions on Signal Processing, 2004, 52, 2600-2611.	5.3	13
175	Crosstalk Resilient Interference Cancellation in Microphone Arrays Using Capon Beamforming. IEEE Transactions on Speech and Audio Processing, 2004, 12, 468-477.	1.5	5
176	Asymptotic minimum bit error rate property of maximum-likelihood multiuser detection. IEEE Communications Letters, 2003, 7, 425-427.	4.1	3
177	Detection of random signals via spectrum matching. IEEE Transactions on Aerospace and Electronic Systems, 2002, 38, 301-307.	4.7	11
178	Quasi-maximum-likelihood multiuser detection using semi-definite relaxation with application to synchronous CDMA. IEEE Transactions on Signal Processing, 2002, 50, 912-922.	5.3	286
179	Multiuser detection for asynchronous CDMA using block coordinate ascent and semi-definite relaxation. , 2002, , .		0
180	On computing Verdu's upper bound for a class of maximum-likelihood multiuser detection and sequence detection problems. IEEE Transactions on Information Theory, 2001, 47, 3049-3053.	2.4	3

#	Article	IF	Citations
181	A fast recursive-least-squares adaptive notch filter and its applications to biomedical signals. Medical and Biological Engineering and Computing, 1999, 37, 99-103.	2.8	32
182	Estimation of distortion product otoacoustic emissions. IEEE Transactions on Biomedical Engineering, 1999, 46, 1261-1264.	4.2	8
183	Robust interference suppression and blind speech beamforming in room reverberant environments. , 0, , .		0
184	Optimum estimation and detection of distortion product otoacoustic emissions in white Gaussian noise. , 0, , .		2
185	Adaptive filtering for distortion product otoacoustic emissions. , 0, , .		0
186	Detection of narrowband random signals via spectrum matching. , 0, , .		2
187	Maximum likelihood detection for multicarrier systems employing non-orthogonal pulse shapes. , 0, , .		4
188	An efficient quasi-maximum-likelihood multiuser detector using semi-definite relaxation. , 0, , .		1
189	Efficient quasi-maximum-likelihood multiuser detection by semi-definite relaxation. , 0, , .		4
190	Blind maximum-likelihood decoding for orthogonal space-time block codes: a semidefinite relaxation approach. , 0, , .		20
191	Efficient relaxed maximum-likelihood MPSK multiuser detection using semidefinite programming. , 0, , .		0
192	Received signal strength based mobile positioning via constrained weighted least squares. , 0, , .		40
193	On the number of pilots for OFDM system in multipath fading channels. , 0, , .		4
194	Blind symbol identifiability of orthogonal space-time block codes. , 0, , .		6
195	Tracking multiple speakers using random sets. , 0, , .		8
196	Accurate approximation algorithm for TOA-based maximum likelihood mobile location using semidefinite programming. , 0, , .		77
197	Joint detection and tracking of multiple maneuvering targets in clutter using random finite sets. , 0, , .		8
198	Reducing the Average Complexity of ML Detection using Semidefinite Relaxation. , 0, , .		5

#	ARTICLE	IF	CITATIONS
199	On Implementing the Blind ML Receiver for Orthogonal Space-Time Block Codes. , 0, , .		4
200	Localizing an Unknown Time-varying Number of Speakers: A Bayesian Random Finite Set Approach. , 0, , .		4
201	Extended Differential Unitary Space-Time Modulation: A Non-Coherent Scheme with Error Penalty Less Than 3DB. , 0, , .		3