

Hv Poor

List of Publications by Year in descending order

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232
papers

17,523
citations

34016

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232
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232
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232
times ranked

7167
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization via ultra-wideband radios: a look at positioning aspects for future sensor networks. IEEE Signal Processing Magazine, 2005, 22, 70-84.	4.6	1,667
2	Iterative (turbo) soft interference cancellation and decoding for coded CDMA. IEEE Transactions on Communications, 1999, 47, 1046-1061.	4.9	1,605
3	Improving Wireless Physical Layer Security via Cooperating Relays. IEEE Transactions on Signal Processing, 2010, 58, 1875-1888.	3.2	1,377
4	Secure Communication Over Fading Channels. IEEE Transactions on Information Theory, 2008, 54, 2470-2492.	1.5	800
5	Probability of error in MMSE multiuser detection. IEEE Transactions on Information Theory, 1997, 43, 858-871.	1.5	727
6	Blind multiuser detection: a subspace approach. IEEE Transactions on Information Theory, 1998, 44, 677-690.	1.5	653
7	Robust techniques for signal processing: A survey. Proceedings of the IEEE, 1985, 73, 433-481.	16.4	642
8	Distributed detection with multiple sensors I. Advanced topics. Proceedings of the IEEE, 1997, 85, 64-79.	16.4	533
9	Collaborative beamforming for distributed wireless ad hoc sensor networks. IEEE Transactions on Signal Processing, 2005, 53, 4110-4124.	3.2	493
10	Distributed transmit beamforming: challenges and recent progress. , 2009, 47, 102-110.		397
11	Blind equalization and multiuser detection in dispersive CDMA channels. IEEE Transactions on Communications, 1998, 46, 91-103.	4.9	329
12	Distributed learning in wireless sensor networks. IEEE Signal Processing Magazine, 2006, 23, 56-69.	4.6	301
13	Collaborative Cyclostationary Spectrum Sensing for Cognitive Radio Systems. IEEE Transactions on Signal Processing, 2009, 57, 4182-4195.	3.2	290
14	Robust multiuser detection in non-Gaussian channels. IEEE Transactions on Signal Processing, 1999, 47, 289-305.	3.2	287
15	Position Estimation via Ultra-Wide-Band Signals. Proceedings of the IEEE, 2009, 97, 386-403.	16.4	256
16	Autocorrelation-Based Decentralized Sequential Detection of OFDM Signals in Cognitive Radios. IEEE Transactions on Signal Processing, 2009, 57, 2690-2700.	3.2	253
17	Energy-Efficient Resource Allocation in Wireless Networks. IEEE Signal Processing Magazine, 2007, 24, 58-68.	4.6	242
18	An Energy-Efficient Approach to Power Control and Receiver Design in Wireless Data Networks. IEEE Transactions on Communications, 2005, 53, 1885-1894.	4.9	241

#	ARTICLE	IF	CITATIONS
19	A game-theoretic approach to energy-efficient power control in multicarrier CDMA systems. IEEE Journal on Selected Areas in Communications, 2006, 24, 1115-1129.	9.7	232
20	Downlink Capacity of Interference-Limited MIMO Systems With Joint Detection. IEEE Transactions on Wireless Communications, 2004, 3, 442-453.	6.1	205
21	Code-aided interference suppression for DS/CDMA communications. II. Parallel blind adaptive implementations. IEEE Transactions on Communications, 1997, 45, 1112-1122.	4.9	195
22	Space-time multiuser detection in multipath CDMA channels. IEEE Transactions on Signal Processing, 1999, 47, 2356-2374.	3.2	183
23	Iterative multiuser receivers for CDMA channels: an EM-based approach. IEEE Transactions on Communications, 1996, 44, 1700-1710.	4.9	176
24	Time-Slotted Round-Trip Carrier Synchronization for Distributed Beamforming. IEEE Transactions on Signal Processing, 2008, 56, 5630-5643.	3.2	167
25	Nonlinear techniques for interference suppression in spread-spectrum systems. IEEE Transactions on Communications, 1990, 38, 1060-1065.	4.9	165
26	Detection of stochastic processes. IEEE Transactions on Information Theory, 1998, 44, 2230-2231.	1.5	159
27	Narrowband interference suppression in CDMA spread spectrum communications. IEEE Transactions on Communications, 1994, 42, 1969-1979.	4.9	158
28	Resource Allocation for Wireless Fading Relay Channels: Max-Min Solution. IEEE Transactions on Information Theory, 2007, 53, 3432-3453.	1.5	149
29	Capacity of Cognitive Interference Channels With and Without Secrecy. IEEE Transactions on Information Theory, 2009, 55, 604-619.	1.5	143
30	Capacity of multiple-antenna systems with both receiver and transmitter channel state information. IEEE Transactions on Information Theory, 2003, 49, 2697-2709.	1.5	130
31	Joint Channel Estimation, Equalization, and Data Detection for OFDM Systems in the Presence of Very High Mobility. IEEE Transactions on Signal Processing, 2010, 58, 4225-4238.	3.2	127
32	Code-aided interference suppression for DS/CDMA communications. I. Interference suppression capability. IEEE Transactions on Communications, 1997, 45, 1101-1111.	4.9	126
33	Signal detection in fractional Gaussian noise. IEEE Transactions on Information Theory, 1988, 34, 943-959.	1.5	123
34	Blind adaptive multiuser detection in multipath CDMA channels based on subspace tracking. IEEE Transactions on Signal Processing, 1998, 46, 3030-3044.	3.2	112
35	Blind adaptive space-time multiuser detection with multiple transmitter and receiver antennas. IEEE Transactions on Signal Processing, 2002, 50, 1261-1276.	3.2	110
36	On the capacity of multiple-antenna systems in Rician fading. IEEE Transactions on Wireless Communications, 2005, 4, 1102-1111.	6.1	109

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37	Performance evaluation of impulse radio UWB systems with pulse-based polarity randomization. IEEE Transactions on Signal Processing, 2005, 53, 2537-2549.	3.2	91
38	The noncoherent rician fading Channel-part I: structure of the capacity-achieving input. IEEE Transactions on Wireless Communications, 2005, 4, 2193-2206.	6.1	84
39	A promising multiplexing technology for cellular telecommunications: Narrowband Interference Suppression in Spread Spectrum CDMA. IEEE Personal Communications, 1994, 1, 14.	4.5	82
40	A Game-Theoretic Approach to Energy-Efficient Modulation in CDMA Networks with Delay QoS Constraints. IEEE Journal on Selected Areas in Communications, 2007, 25, 1069-1078.	9.7	80
41	Estimation of the number of sources in unbalanced arrays via information theoretic criteria. IEEE Transactions on Signal Processing, 2005, 53, 3543-3553.	3.2	78
42	Channel estimation and multiuser detection in long-code DS/CDMA systems. IEEE Journal on Selected Areas in Communications, 2001, 19, 1476-1487.	9.7	77
43	Integrated voice/data call admission control for wireless DS-CDMA systems. IEEE Transactions on Signal Processing, 2002, 50, 1483-1495.	3.2	77
44	A Cross-Layer Approach to Collaborative Beamforming for Wireless Ad Hoc Networks. IEEE Transactions on Signal Processing, 2008, 56, 2981-2993.	3.2	71
45	Low-Complexity Multiuser Detectors for Time-Hopping Impulse-Radio Systems. IEEE Transactions on Signal Processing, 2004, 52, 2561-2571.	3.2	70
46	Nonparametric nonlinear-of-sight identification. , 2003, , .		69
47	Parameter estimation for Middleton Class A interference processes. IEEE Transactions on Communications, 1989, 37, 1042-1051.	4.9	68
48	Performance of DS/SSMA communications in impulsive channels. II. Hard-limiting correlation receivers. IEEE Transactions on Communications, 1988, 36, 88-97.	4.9	67
49	Neyman-pearson detection of gauss-Markov signals in noise: closed-form error exponent and properties. IEEE Transactions on Information Theory, 2006, 52, 1354-1365.	1.5	65
50	Wavelet transforms associated with finite cyclic groups. IEEE Transactions on Information Theory, 1993, 39, 1157-1166.	1.5	64
51	Bandit problems with side observations. IEEE Transactions on Automatic Control, 2005, 50, 338-355.	3.6	64
52	A Levinson-type algorithm for modeling fast-sampled data. IEEE Transactions on Automatic Control, 1991, 36, 314-321.	3.6	62
53	Iterative multiuser detection. IEEE Signal Processing Magazine, 2004, 21, 81-88.	4.6	60
54	Jointly optimal power and admission control for delay sensitive traffic in CDMA networks with LMMSE receivers. IEEE Transactions on Signal Processing, 2003, 51, 2031-2042.	3.2	59

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55	Active interference suppression in CDMA overlay systems. IEEE Journal on Selected Areas in Communications, 2001, 19, 4-20.	9.7	58
56	Uplink user capacity in a CDMA macrocell with a hotspot microcell: exact and approximate analyses. IEEE Transactions on Wireless Communications, 2003, 2, 364-374.	6.1	57
57	Joint Receiver and Transmitter Optimization for Energy-Efficient CDMA Communications. IEEE Journal on Selected Areas in Communications, 2008, 26, 459-472.	9.7	56
58	Energy Efficient Communications in CDMA Networks: A Game Theoretic Analysis Considering Operating Costs. IEEE Transactions on Signal Processing, 2008, 56, 5181-5190.	3.2	56
59	On the capacity of mobile ad hoc networks with delay constraints. IEEE Transactions on Wireless Communications, 2006, 5, 2061-2071.	6.1	55
60	On the Tradeoff Between Two Types of Processing Gains. IEEE Transactions on Communications, 2005, 53, 1744-1753.	4.9	54
61	Multuser detection in flat fading non-Gaussian channels. IEEE Transactions on Communications, 2002, 50, 1769-1777.	4.9	53
62	Density Evolution for Asymmetric Memoryless Channels. IEEE Transactions on Information Theory, 2005, 51, 4216-4236.	1.5	53
63	Code-aided interference suppression for DS/CDMA overlay systems. Proceedings of the IEEE, 2002, 90, 394-435.	16.4	52
64	Asymptotic spectral efficiency of multicell mimo systems with frequency-flat fading. IEEE Transactions on Signal Processing, 2003, 51, 2976-2988.	3.2	50
65	Advanced signal processing for power line communications. , 2003, 41, 100-107.		50
66	Noncoherent Rician fading Channel-part II: spectral efficiency in the low-power regime. IEEE Transactions on Wireless Communications, 2005, 4, 2207-2221.	6.1	50
67	Online activity detection in a multiuser environment using the matrix CUSUM algorithm. IEEE Transactions on Information Theory, 2002, 48, 477-493.	1.5	49
68	Weighted Cross-Layer Cooperative Beamforming for Wireless Networks. IEEE Transactions on Signal Processing, 2009, 57, 3240-3252.	3.2	49
69	An analysis of nonlinear direct-sequence correlators. IEEE Transactions on Communications, 1989, 37, 723-731.	4.9	47
70	On the performance of linear parallel interference cancellation. IEEE Transactions on Information Theory, 2001, 47, 1957-1970.	1.5	44
71	Narrowband interference suppression in impulsive channels. IEEE Transactions on Aerospace and Electronic Systems, 1992, 28, 15-34.	2.6	43
72	Multuser detection techniques for narrowband interference suppression in spread spectrum communications. IEEE Transactions on Communications, 1995, 43, 1725-1737.	4.9	43

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73	Analysis of an adaptive decorrelating detector for synchronous CDMA channels. IEEE Transactions on Communications, 1996, 44, 257-268.	4.9	42
74	Performance of multiuser detection for optical CDMA. I. Error probabilities. IEEE Transactions on Communications, 1995, 43, 2803-2811.	4.9	40
75	On the capacity of multi-antenna systems in the presence of Rician fading. , 0, , .		40
76	James-Stein state filtering algorithms. IEEE Transactions on Signal Processing, 1998, 46, 2431-2447.	3.2	37
77	Secrecy capacity of a class of orthogonal relay eavesdropper channels. , 2009, , .		37
78	A lower bound on the probability of error in multihypothesis testing. IEEE Transactions on Information Theory, 1995, 41, 1992-1994.	1.5	34
79	A rapid acquisition technique for impulse radio. , 0, , .		34
80	Performance evaluation of impulse radio UWB systems with pulse-based polarity randomization in asynchronous multiuser environments. , 0, , .		33
81	Lifetime improvement in wireless sensor networks via collaborative beamforming and cooperative transmission. IET Microwaves, Antennas and Propagation, 2007, 1, 1103.	0.7	32
82	Robust adaptive array for wireless communications. IEEE Journal on Selected Areas in Communications, 1998, 16, 1352-1366.	9.7	30
83	On parameter estimation in long-code DS/CDMA systems: cramer-rao bounds and least-squares algorithms. IEEE Transactions on Signal Processing, 2003, 51, 545-559.	3.2	29
84	Uplink user capacity in a multicell CDMA system with hotspot microcells. IEEE Transactions on Wireless Communications, 2006, 5, 1333-1342.	6.1	29
85	Turbo-coded optical direct-detection CDMA system with PPM modulation. Journal of Lightwave Technology, 2001, 19, 312-323.	2.7	28
86	Recursive algorithms for identification of impulse noise channels. IEEE Transactions on Information Theory, 1990, 36, 559-578.	1.5	26
87	Suppression of multiple narrowband interferers in a spread-spectrum communication system. IEEE Journal on Selected Areas in Communications, 2000, 18, 1365-1374.	9.7	26
88	Turbo-coded packet transmission for an optical CDMA network. Journal of Lightwave Technology, 2000, 18, 1905-1916.	2.7	25
89	Consistency in models for distributed learning under communication constraints. IEEE Transactions on Information Theory, 2006, 52, 52-63.	1.5	25
90	Blind joint equalization and multiuser detection for DS-CDMA in unknown correlated noise. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 1999, 46, 886-895.	2.3	24

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91	Soft handoff and uplink capacity in a two-tier CDMA system. IEEE Transactions on Wireless Communications, 2005, 4, 1297-1301.	6.1	24
92	Joint channel estimation and symbol detection in Rayleigh flat-fading channels with impulsive noise. IEEE Communications Letters, 1997, 1, 19-21.	2.5	23
93	Memoryless Discrete-Time Signal Detection in Long-Range Dependent Noise. IEEE Transactions on Signal Processing, 2004, 52, 1607-1619.	3.2	23
94	A non-cooperative power control game for multi-carrier CDMA systems. , 0, , .		23
95	Ultra-wideband impulse radio systems with multiple pulse types. IEEE Journal on Selected Areas in Communications, 2006, 24, 892-898.	9.7	23
96	Frequency-Domain Correlation: An Asymptotically Optimum Approximation of Quadratic Likelihood Ratio Detectors. IEEE Transactions on Signal Processing, 2010, 58, 969-979.	3.2	22
97	Effects of laser phase drift on coherent optical CDMA. IEEE Journal on Selected Areas in Communications, 1995, 13, 577-591.	9.7	20
98	MIMO capacity results for Rician fading channels. , 0, , .		20
99	Distributed Kernel Regression: An Algorithm for Training Collaboratively. , 0, , .		20
100	On the relative error probabilities of linear multiuser detectors. IEEE Transactions on Information Theory, 2001, 47, 450-456.	1.5	19
101	Iterative space-time processing for multiuser detection in multipath CDMA channels. IEEE Transactions on Signal Processing, 2002, 50, 2116-2127.	3.2	19
102	Energy-Efficient Resource Allocation in Multipath CDMA Channels With Band-Limited Waveforms. IEEE Transactions on Signal Processing, 2009, 57, 1494-1510.	3.2	19
103	Blind Detection of Synchronous CDMA in Non-Gaussian Channels. IEEE Transactions on Signal Processing, 2004, 52, 271-279.	3.2	18
104	Downlink User Capacity in a CDMA Macrocell with a Hotspot Microcell. , 0, , .		17
105	Optimal and suboptimal finger selection algorithms for MMSE rake receivers in impulse radio ultra-wideband systems. , 0, , .		16
106	Uplink user capacity in a CDMA system with hotspot microcells: effects of finite transmit power and dispersion. IEEE Transactions on Wireless Communications, 2006, 5, 417-426.	6.1	16
107	Sequential amplitude estimation in multiuser communications. IEEE Transactions on Information Theory, 1994, 40, 11-20.	1.5	15
108	Performance of multiuser detection for optical CDMA .II. Asymptotic analysis. IEEE Transactions on Communications, 1995, 43, 3015-3024.	4.9	15

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109	Crosstalk mitigation in DMT VDSL with impulse noise. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 1205-1213.	0.1	14
110	Blind joint equalization and multiuser detection in dispersive MC-CDMA/MC-DS-CDMA/MT-CDMA channels. , 0, , .		13
111	Multiaccess Quantum Channels. IEEE Transactions on Information Theory, 2004, 50, 725-747.	1.5	13
112	A RAKE-Based Iterative Receiver for Space-Time Block-Coded Multipath CDMA. IEEE Transactions on Signal Processing, 2004, 52, 796-806.	3.2	13
113	A Genetic Algorithm Based Finger Selection Scheme for UWB MMSE Rake Receivers. , 0, , .		13
114	Performance analysis of sequential tests between Poisson processes. IEEE Transactions on Information Theory, 1997, 43, 221-238.	1.5	12
115	HOLPRO: a new rate scheduling algorithm for the downlink of CDMA networks. , 0, , .		12
116	Turbo multiuser detection: an overview. , 0, , .		12
117	On the probability of error in linear multiuser detection. IEEE Transactions on Information Theory, 2003, 49, 1922-1941.	1.5	11
118	Blind adaptive joint multiuser detection and equalization in dispersive differentially encoded CDMA channels. IEEE Transactions on Signal Processing, 2003, 51, 1880-1893.	3.2	11
119	Energy-Efficient Joint Estimation in Sensor Networks: Analog vs. Digital. , 0, , .		11
120	An RKHS approach to robust $L/\sup 2/$ estimation and signal detection. IEEE Transactions on Information Theory, 1990, 36, 485-501.	1.5	10
121	Detection of spread-spectrum signals in a multi-user environment. , 0, , .		10
122	Adaptive suppression of narrowband digital interferers from spread spectrum signals. , 0, , .		10
123	Single-antenna blind receiver for multiuser detection in unknown correlated noise. IEEE Transactions on Vehicular Technology, 2002, 51, 209-215.	3.9	10
124	The trade-off between processing gains of impulse radio systems in the presence of timing jitter. , 2004, , .		10
125	A comparative study of pulse combining schemes for impulse radio UWB systems. , 0, , .		10
126	A non-cooperative power control game in delay-constrained multiple-access networks. , 2005, , .		10

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127	Iterative multiuser detection for space-time coded synchronous CDMA. , 0, , .		9
128	Turbo (iterative) decoding of a unitary space-time code with a convolutional code. , 0, , .		9
129	Iterative detection for space-time coded synchronous CDMA communication systems. , 0, , .		9
130	Qos provisioning for wireless ad hoc data networks. , 0, , .		9
131	Performance of an optical PPM/CDMA system with turbo coding. , 0, , .		8
132	Capacity in a CDMA macrocell with a hotspot microcell: exact and approximate analyses. , 0, , .		8
133	User capacity for synchronous multirate CDMA systems with linear MMSE receivers. IEEE Transactions on Information Theory, 2004, 50, 2785-2793.	1.5	8
134	Neyman-Pearson detection of Gauss-Markov signals in noise: closed-form error exponent and properties. , 2005, , .		8
135	Energy efficiency in multi-hop CDMA networks: a game theoretic analysis. , 2006, , .		8
136	Adaptivity in multiple-access communications. , 0, , .		7
137	Blind adaptive joint suppression of MAI and ISI in dispersive CDMA channels. , 0, , .		7
138	Iterative space-time processing for multiuser detection in CDMA systems. , 0, , .		7
139	Guest editorial multiuser detection techniques with application to wired and wireless communications systems I. IEEE Journal on Selected Areas in Communications, 2001, 19, 1425-1428.	9.7	7
140	Downlink multiuser capacity of interference-limited MIMO systems. , 0, , .		7
141	Uplink user capacity of a multi-cell CDMA system with hotspot microcells. , 0, , .		7
142	Phase noise in coherent analog AM-WIRNA optical links. Journal of Lightwave Technology, 1997, 15, 565-575.	2.7	6
143	User Capacity in a CDMA Macrocell with a Hotspot Microcell: Effects of Transmit Power Constraints and Finite Dispersion. , 0, , .		6
144	A Large Deviations Approach to Sensor Scheduling for Detection of Correlated Random Fields. , 0, , .		6

#	ARTICLE	IF	CITATIONS
145	Interrelations between continuous and discrete lattice filter structures. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 1993, 40, 705-713.	2.3	5
146	EM and SAGE algorithms for multi-user detection. , 0, , .		5
147	Asymptotic analysis of an algorithm for parameter estimation and identification of 1-b quantized AR time series. IEEE Transactions on Signal Processing, 1996, 44, 62-73.	3.2	5
148	Delta-operator based signal processing: fast algorithms for rapidly sampled data. , 0, , .		5
149	Capacity of multi-antenna systems with adaptive transmission techniques. , 0, , .		5
150	A Multipass Approach to Joint Data and Channel Estimation in Long-Code CDMA Systems. IEEE Transactions on Wireless Communications, 2004, 3, 612-626.	6.1	5
151	On the Effects of Phase Estimation Errors on Collaborative Beamforming in Wireless Ad Hoc Networks. , 0, , .		5
152	Reduced complexity joint iterative equalization and multiuser detection in dispersive DS-CDMA channels. IEEE Transactions on Wireless Communications, 2005, 4, 1234-1243.	6.1	5
153	Sensor configuration and activation for field detection in large sensor arrays. , 0, , .		5
154	Finite field wavelet transforms and multilevel error protection. , 0, , .		4
155	Multiuser diversity receivers for frequency-selective Rayleigh fading CDMA channels. , 0, , .		4
156	Subspace-based blind adaptive joint interference suppression and channel estimation in multipath CDMA channels. , 0, , .		4
157	Robust adaptive array for wireless communications. , 0, , .		4
158	Turbo multiuser detection for turbo-coded CDMA. , 0, , .		4
159	Channel estimation for multirate/multicode DS/CDMA systems with long spreading codes. , 0, , .		4
160	Multirate signal processing on finite fields. IET Computer Vision, 2001, 148, 254.	1.3	4
161	User capacity for synchronous multirate CDMA systems with linear MMSE receivers. , 0, , .		4
162	Consistency in a model for distributed learning with specialists. , 0, , .		4

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163	Power allocation and spectral efficiency of DS-CDMA systems in fading channels with fixed QoS-part I: single-rate case. IEEE Transactions on Wireless Communications, 2006, 5, 2516-2528.	6.1	4
164	Space-time processing in multiple-access systems. , 0, , .		3
165	Code-aided adaptive narrowband interference suppression for direct-sequence spread-spectrum communications. , 0, , .		3
166	Turbo multiuser detection and equalization for coded CDMA in multipath channels. , 0, , .		3
167	Space-time multiuser detection. , 0, , .		3
168	Space-time multiuser detection in multipath CDMA channels. , 1999, , .		3
169	Exact filters for certain moments and stochastic integrals of the state of systems with Benes nonlinearity. IEEE Transactions on Automatic Control, 1999, 44, 1929-1933.	3.6	3
170	A turbo RAKE receiver for space-time block coded frequency selective CDMA systems. , 0, , .		3
171	A two-layer spreading code scheme for dual-rate ds-cdma systems. IEEE Transactions on Communications, 2003, 51, 873-879.	4.9	3
172	Efficient estimation of the Hurst parameter in high frequency financial data with seasonalities using wavelets. , 0, , .		3
173	Iterative channel estimation and multiuser detection in multipath CDMA channels. , 0, , .		3
174	Power allocation, decoding order and spectral efficiency of successive interference cancellation based multirate DS-CDMA systems. , 0, , .		3
175	Spectral efficiency of peak power limited rician block-fading channels. , 0, , .		3
176	Impact of channel estimation error on multiuser detection via the replica method. , 0, , .		3
177	Impact of imperfect channel estimation on turbo multiuser detection in DS-CDMA systems. , 0, , .		3
178	Power allocation and spectral efficiency of DS-CDMA systems in fading channels with fixed QoS-part II: multiple-rate case. IEEE Transactions on Wireless Communications, 2006, 5, 2529-2538.	6.1	3
179	Energy-efficient power control is (almost) equivalent for DS-CDMA and TH-UWB. Electronics Letters, 2008, 44, 555.	0.5	3
180	James-Stein state space filter. , 0, , .		2

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181	Lattice filters based on the delta operator. IET Computer Vision, 1997, 144, 125.	1.3	2
182	A new adaptive array algorithm for interference suppression in wireless communications. , 0, , .		2
183	Turbo multiuser detection. , 0, , .		2
184	Blind joint equalization and multiuser detection for DS-CDMA in unknown correlated noise. , 0, , .		2
185	Maximum entropy and robust prediction on a simplex. IEEE Transactions on Information Theory, 1999, 45, 1150-1164.	1.5	2
186	Activity detection in a spread spectrum network. , 0, , .		2
187	EM-based blind demodulation of synchronous CDMA. , 0, , .		2
188	A blind delay estimation algorithm for long-code DS/CDMA systems. , 0, , .		2
189	Sample-by-sample adaptive space-time processing for multiuser detection in multipath CDMA systems. , 0, , .		2
190	Blind adaptive space-time multiuser detection with multiple transmit and receive antennas. , 0, , .		2
191	Waiting time analysis for the generalized PEDF and HOLPRO algorithms in a system with heterogeneous traffic. , 0, , .		2
192	Matrix CUSUM: a recursive multi-hypothesis change detection algorithm. , 0, , .		2
193	Guest editorial multiuser detection techniques with application to wired and wireless communications systems II. IEEE Journal on Selected Areas in Communications, 2002, 20, 233-236.	9.7	2
194	Dynamic Programming in Digital Communications: Viterbi Decoding to Turbo Multiuser Detection. Journal of Optimization Theory and Applications, 2002, 115, 629-657.	0.8	2
195	Power efficiency of joint frequency-phase modulation in the low-SNR regime over noncoherent Rician channels. , 0, , .		2
196	Soft handoff and uplink capacity in a two-tier CDMA system. , 2004, , .		2
197	Uplink throughput in a single-macrocell/single-microcell CDMA system with application to data access points. IEEE Transactions on Wireless Communications, 2005, 4, 1302-1306.	6.1	2
198	Capacity regions and optimal power allocation for groupwise multiuser detection. IEEE Transactions on Wireless Communications, 2005, 4, 349-352.	6.1	2

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199	Online Bayesian activity detection in DS/CDMA networks. IEEE Transactions on Signal Processing, 2005, 53, 371-375.	3.2	2
200	Maximum entropy and robust prediction on a simplex. , 0, , .		1
201	Asymptotic analysis of an algorithm for identification of quantized AR time-series. , 0, , .		1
202	Differential encoding of high-resolution data. , 0, , .		1
203	Multiband cyclic wavelet transforms. , 0, , .		1
204	Blind adaptive interference suppression in DS-CDMA communications with impulsive noise. , 0, , .		1
205	On the linear structure of self-similar processes. , 0, , .		1
206	Multiuser detection in a quantum channel. , 0, , .		1
207	Timing-free blind multiuser detection in differentially encoded DS/CDMA systems. IEEE Transactions on Communications, 2001, 49, 2077-2082.	4.9	1
208	A multi-pass strategy for channel estimation and data detection in long-code uplink CDMA systems. , 0, , .		1
209	Blind period selection for cyclic adaptive multiuser detection in multirate multimedia CDMA systems. , 0, , .		1
210	On channel capacity of parallel interference cancellation with outage probability in coded DS-CDMA systems. , 0, , .		1
211	Uplink throughput in a single-macro cell/single-micro cell CDMA system, with application to data access points. , 2003, , .		1
212	The capacity and power efficiency of OOFSK signaling over wideband fading channels. , 0, , .		1
213	Power allocation and spectral efficiency in multirate DS-CDMA systems without channel state information at transmitters. , 0, , .		1
214	Quickest Detection of a Minimum of Disorder Times. , 0, , .		1
215	Performance analysis of semiblind channel estimation in long-code DS-CDMA systems. IEEE Transactions on Signal Processing, 2006, 54, 3383-3399.	3.2	1
216	Signal processing algorithms for adaptive interference suppression. , 0, , .		1

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217	Performance Analysis of Optimum Demodulation in Optical Cdma. , 0, , .		0
218	Blind adaptive space-time multiuser detection in multipath CDMA channels. , 1999, , .		0
219	An optical CDMA packet network with turbo coding. , 0, , .		0
220	Fast switched-beam beamforming for optimal selection combining in frequency selective fading CDMA channels. , 0, , .		0
221	Blind adaptive space-time multiuser detection for fading multipath channels. , 0, , .		0
222	Admission control for DS-CDMA systems with fading. , 0, , .		0
223	Bandit problems with side observations. , 0, , .		0
224	A new upper bound on the probability of error in linear multiuser detection. , 0, , .		0
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226	A multi-pass strategy for data detection in long-code downlink CDMA systems. , 0, , .		0
227	Large-system spectral efficiency of interference-limited MIMO systems. , 0, , .		0
228	Reduced state joint iterative equalization and multiuser detection in dispersive CDMA channels. , 0, , .		0
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