Iickho Song

List of Publications by Year
in descending order

227 papers	1,884 citations	304368 22 h-index	377514 34 g-index
230 all docs	230 docs citations	230 times ranked	1079 citing authors

#	Article	IF	Citations
1	Performance analysis of a coded OFDM system in time-varying multipath Rayleigh fading channels. IEEE Transactions on Vehicular Technology, 1999, 48, 1610-1615.	3.9	98
2	An efficient frequency offset estimator for OFDM systems and its performance characteristics. IEEE Transactions on Vehicular Technology, 2001, 50, 1307-1312.	3.9	88
3	Simultaneous Wireless Transfer of Power and Information in a Decode-and-Forward Two-Way Relaying Network. IEEE Transactions on Wireless Communications, 2017, 16, 1579-1592.	6.1	80
4	A novel papr reduction scheme for OFDM systems: selective mapping of partial tones (SMOPT). IEEE Transactions on Consumer Electronics, 2006, 52, 40-43.	3.0	71
5	Low-complexity estimation of 2D DOA for coherently distributed sources. Signal Processing, 2003, 83, 1789-1802.	2.1	69
6	Advanced Theory of Signal Detection. Signals and Communication Technology, 2002, , .	0.4	64
7	Distributed source modeling and direction-of-arrival estimation techniques. IEEE Transactions on Signal Processing, 1997, 45, 960-969.	3.2	60
8	Locally optimum detection of signals in a generalized observation model: the known signal case. IEEE Transactions on Information Theory, 1990, 36, 502-515.	1.5	48
9	Locally optimum detection of signals in a generalized observation model: the random signal case. IEEE Transactions on Information Theory, 1990, 36, 516-530.	1.5	48
10	Joint Relay Selection and Power Allocation for Two-Way Relaying with Physical Layer Network Coding. IEEE Communications Letters, 2013, 17, 301-304.	2.5	46
11	A multicarrier CDMA system with adaptive subchannel allocation for forward links. IEEE Transactions on Vehicular Technology, 1999, 48, 1428-1436.	3.9	40
12	Cancellation of Correlation Side-Peaks for Unambiguous BOC Signal Tracking. IEEE Communications Letters, 2012, 16, 569-572.	2.5	36
13	Multiple-access interference reduction for QS-CDMA systems with a novel class of polyphase sequences. IEEE Transactions on Information Theory, 2000, 46, 1448-1458.	1.5	35
14	A Class of Spectrum-Sensing Schemes for Cognitive Radio Under Impulsive Noise Circumstances: Structure and Performance in Nonfading and Fading Environments. IEEE Transactions on Vehicular Technology, 2010, 59, 4322-4339.	3.9	35
15	Locally optimum rank detection of correlated random signals in additive noise. IEEE Transactions on Information Theory, 1992, 38, 1311-1322.	1.5	33
16	A fuzzy decision problem based on the generalized Neyman-Pearson criterion. Fuzzy Sets and Systems, 1992, 47, 65-75.	1.6	29
17	A Comparative Analysis of Optimum and Suboptimum Rake Receivers in Impulsive UWB Environment. IEEE Transactions on Vehicular Technology, 2006, 55, 1797-1804.	3.9	29
18	Code Acquisition for DS/SS Communications in Non-Gaussian Impulsive Channels. IEEE Transactions on Communications, 2004, 52, 187-190.	4.9	28

#	ARTICLE	IF	CITATIONS
19	Breadth-First Signal Decoder: A Novel Maximum-Likelihood Scheme for Multi-Input–Multi-Output Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 1576-1584.	3.9	28
20	Evaluation of directivity for planar antenna arrays. IEEE Antennas and Propagation Magazine, 2000, 42, 64-67.	1.2	26
21	An efficient implementation of the D-homomorphism for generation of de Bruijn sequences. IEEE Transactions on Information Theory, 1999, 45, 1280-1283.	1.5	24
22	Differential Evolution With Opposition and Redirection for Source Localization Using RSS Measurements in Wireless Sensor Networks. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1736-1747.	3.4	24
23	Fast Localization With Unknown Transmit Power and Path-Loss Exponent in WSNs Based on RSS Measurements. IEEE Communications Letters, 2020, 24, 2756-2760.	2.5	23
24	Cooperative Relaying of Superposition Coding with Simple Feedback for Layered Source Transmission. IEEE Transactions on Communications, 2013, 61, 4448-4461.	4.9	22
25	Nonlinear smoothing filters based on rank estimates of location. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 1359-1379.	2.0	21
26	Identification of nonminimum phase FIR: systems using the third- and fourth-order cumulants. IEEE Transactions on Signal Processing, 1995, 43, 2018-2022.	3.2	21
27	Outage-Optimal Allocation of Relay Power for Analog Network Coding with Three Transmission Phases. IEEE Communications Letters, 2012, 16, 838-841.	2.5	21
28	A computationally efficient scheme for feature extraction with kernel discriminant analysis. Pattern Recognition, 2016, 50, 45-55.	5.1	21
29	A recursive formula for even order harmonic series. Journal of Computational and Applied Mathematics, 1988, 21, 251-256.	1.1	19
30	Identification of Finite State Automata With a Class of Recurrent Neural Networks. IEEE Transactions on Neural Networks, 2010, 21, 1408-1421.	4.8	19
31	Complexity-Reduced Scheme for Feature Extraction With Linear Discriminant Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1003-1009.	7.2	18
32	On estimating the direction of arrival when the number of signal sources is unknown. Signal Processing, 1993, 34, 193-205.	2.1	16
33	Performance analysis of the dual sign algorithm for additive contaminated-Gaussian noise. IEEE Signal Processing Letters, 1994, 1, 196-198.	2.1	16
34	Rank-based detection of weak random signals in a multiplicative noise model. Signal Processing, 1997, 63, 121-131.	2.1	16
35	A DS-CDMA code acquisition scheme robust to residual code phase offset variation. IEEE Transactions on Vehicular Technology, 2000, 49, 2405-2418.	3.9	16
36	Design of Anti-Jamming Waveforms for Time-Hopping Spread Spectrum Systems in Tone Jamming Environments. IEEE Transactions on Vehicular Technology, 2020, 69, 728-737.	3.9	16

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37	Design and Analysis of UAV-Assisted Relaying With Simultaneous Wireless Information and Power Transfer. IEEE Access, 2020, 8, 27874-27886.	2.6	16
38	PN code acquisition using nonparametric detectors in DS/CDMA systems. Signal Processing, 2000, 80, 731-736.	2.1	14
39	Combining of Cyclically Delayed Signals: A Low-Complexity Scheme for PAPR Reduction in OFDM Systems. IEEE Transactions on Broadcasting, 2010, 56, 577-583.	2.5	14
40	Explicit formulae for product moments of multivariate Gaussian random variables. Statistics and Probability Letters, 2015, 100, 27-34.	0.4	14
41	A Novel Detection Criterion for Weak<tex>m</tex>-Ary Signals and Its Application to UltraWideband Multiple Access Systems. IEEE Transactions on Vehicular Technology, 2005, 54, 2024-2036.	3.9	13
42	Detection Schemes for Weak Signals in First-Order Moving Average of Impulsive Noise. IEEE Transactions on Vehicular Technology, 2007, 56, 126-133.	3.9	13
43	A new polyphase sequence with perfect even and good odd cross-correlation functions for DS/CDMA systems. IEEE Transactions on Vehicular Technology, 2002, 51, 855-866.	3.9	12
44	Locally Optimum Detection of Signals in Multiplicative and First-Order Markov Additive Noises. IEEE Transactions on Information Theory, 2008, 54, 219-234.	1.5	11
45	Comparison of known signal detection schemes under a weakly dependent noise model. IET Computer Vision, 1994, 141, 303.	1.3	10
46	Fractional Bandwidth Mode Detection and Synchronization for OFDM-Based Cognitive Radio Systems. IEEE Vehicular Technology Conference, 2008, , .	0.2	10
47	Detection of composite signals: Part I. Locally optimum detector test statistics. Signal Processing, 1991, 23, 79-88.	2.1	9
48	An application of the generalized Neyman-Pearson fuzzy test to stochastic-signal detection. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 1474-1481.	0.9	9
49	Maximum length cellular automaton sequences and its application. Signal Processing, 1997, 56, 199-203.	2.1	9
50	Analysis of quasi-ML multiuser detection of DS/CDMA systems in asynchronous channels. IEEE Transactions on Communications, 1999, 47, 1875-1883.	4.9	9
51	Nonparametric PN code acquisition using the signed-rank statistic for DS/CDMA systems in frequency-selective Rician fading channels. IEEE Transactions on Vehicular Technology, 2002, 51, 1138-1144.	3.9	9
52	Symbol error rate of the dm-mpsk under the influence of jamming signals. IEEE Communications Letters, 2009, 13, 468-470.	2.5	9
53	Detection of Signals With Observations in Multiple Subbands: A Scheme of Wideband Spectrum Sensing for Cognitive Radio With Multiple Antennas. IEEE Transactions on Wireless Communications, 2014, 13, 6968-6981.	6.1	9
54	A new noiseless coding technique for binary images. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1986, 34, 944-951.	2.0	8

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55	Nonparametric detection of known signals based on ranks in multiplicative noise. Signal Processing, 1997, 60, 255-261.	2.1	8
56	An analysis of the median-shift sign detector under various noise distributions. Signal Processing, 1998, 69, 281-297.	2.1	8
57	Design and performance analysis of a convolutionally coded overlapping multicarrier DS/CDMA system. IEEE Transactions on Vehicular Technology, 2000, 49, 1950-1967.	3.9	8
58	Explicit correlation coefficients among random variables, ranks, and magnitude ranks. IEEE Transactions on Information Theory, 2006, 52, 2233-2240.	1.5	8
59	Noncoherent Constant False-Alarm Rate Schemes With Receive Diversity for Code Acquisition Under Homogeneous and Nonhomogeneous Fading Circumstances. IEEE Transactions on Vehicular Technology, 2007, 56, 2108-2120.	3.9	8
60	A fuzzy set theoretic approach to weak known-signal detection. Signal Processing, 1992, 28, 183-194.	2.1	7
61	Asymptotic distribution of the MUSIC null spectrum. IEEE Transactions on Signal Processing, 1993, 41, 985-988.	3.2	7
62	Locally optimum detector for correlated random signals in a weakly dependent noise model. Signal Processing, 1999, 74, 317-322.	2.1	7
63	Design and analysis of concatenated coded DS/CDMA systems in asynchronous channels. IEEE Transactions on Vehicular Technology, 1999, 48, 1421-1427.	3.9	7
64	PN code acquisition using signed-rank-based nonparametric detectors in DS/SS systems. IEEE Transactions on Vehicular Technology, 2001, 50, 1151-1157.	3.9	7
65	Seed accumulating sequential estimation for PN sequence acquisition at low signal-to-noise ratio. Signal Processing, 2002, 82, 1795-1799.	2.1	7
66	Detection of Variable Subband Nulling Mode for OFDM-Based Cognitive Radio in Narrowband Interference Channels. IEEE Transactions on Wireless Communications, 2011, 10, 782-791.	6.1	7
67	Channel estimation and optimal training with the LMMSE criterion for OFDM-based two-way relay networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	7
68	A frequency-sharing weather radar network system using pulse compression and sidelobe suppression. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	7
69	Order statistics and recursive updating with aging factor for cooperative cognitive radio networks under SSDF attacks. ICT Express, 2020, 6, 3-6.	3.3	7
70	Robust estimation of AR parameters and its application for speech enhancement. , 1992, , .		6
71	A combined determination-estimation method for direction of arrival estimation. Signal Processing, 1993, 30, 123-131.	2.1	6
72	Modification of the reference signal for fast convergence in LMS-based adaptive equalizers. IEEE Transactions on Consumer Electronics, 1994, 40, 645-654.	3.0	6

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73	On the score functions of the two-sample locally optimum rank test statistic for random signals in additive noise. IEEE Transactions on Information Theory, 1995, 41, 842-846.	1.5	6
74	A known-signal detector based on ranks in weakly dependent noise. Signal Processing, 1996, 54, 309-314.	2.1	6
75	On the generation and analysis of a modulated orthogonal sequence. Signal Processing, 2000, 80, 451-464.	2.1	6
76	A multiuser receiver for trellis-coded DS/CDMA systems in asynchronous channels. IEEE Transactions on Vehicular Technology, 2000, 49, 844-855.	3.9	6
77	Rapid Acquisition of PN Sequences With a New Decision Logic. IEEE Transactions on Vehicular Technology, 2004, 53, 49-60.	3.9	6
78	Decoding With Expected Length and Threshold Approximated (DELTA): A Near-ML Scheme for Multiple-Inputâ€"Multiple-Output Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 3234-3246.	3.9	6
79	Average rate performance of two-way amplify-and-forward relaying in asymmetric fading channels. Journal of Communications and Networks, 2011, 13, 250-256.	1.8	6
80	Design and Analysis of Low-Complexity Multi-Antenna Relaying for OFDM-Based Relay Networks. IEEE Transactions on Communications, 2014, 62, 2236-2248.	4.9	6
81	Optimization of Power Allocation and Relay Position in Multihop Relay Networks Over Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 5031-5041.	3.9	6
82	Spectrum sensing for cognitive radio network with multiple receive antennas under impulsive noise environments. Journal of Communications and Networks, 2021, 23, 171-179.	1.8	6
83	Some root properties of recursive weighted median filters. Signal Processing, 1991, 25, 337-344.	2.1	5
84	Performance characteristics of the fuzzy sign detector. Fuzzy Sets and Systems, 1995, 74, 195-205.	1.6	5
85	Nonparametric detection of known and random signals based on zero-crossings. Signal Processing, 1996, 52, 75-82.	2.1	5
86	Difference Threshold Test for<tex>M</tex>-FSK Signaling With Reedâ€"Solomon Coding and Diversity Combining in Rayleigh Fading Channels. IEEE Transactions on Vehicular Technology, 2005, 54, 977-982.	3.9	5
87	A Truncated Adaptive Transmission Scheme for Hybrid Multicarrier CDMA/FDM Systems in Forward Link. IEEE Transactions on Vehicular Technology, 2005, 54, 967-976.	3.9	5
88	Pragmatic Analog Network Coding with Relay Selection for OFDM-Based Multirelay Networks. IEEE Transactions on Wireless Communications, 2014, 13, 5521-5534.	6.1	5
89	Adaptive code acquisition using a GO-CFAR processor in DS/CDMA systems. , 0, , .		4
90	A suboptimum quantization-detection scheme using input amplitude compression. Signal Processing, 1990, 21, 315-321.	2.1	4

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91	Statistical characteristics and performance analysis of locally optimum fuzzy detector for known signals. Signal Processing, 1993, 33, 259-268.	2.1	4
92	Adaptive code rate change for maximum throughput in DS-SSMA communication systems. Signal Processing, 1996, 51, 201-214.	2.1	4
93	Analysis and performance comparison of the trellis coded and convolutional coded DS/SSMA systems in impulsive noise environment. IET Communications, 1998, 145, 283.	1.0	4
94	The DS/SSMA systems using trellis coding with asymmetric PSK signal constellation. Signal Processing, 1998, 67, 173-187.	2.1	4
95	A convolutionally coded orthogonal multicarrier DS/CDMA system in time limited asynchronous channels. , 0, , .		4
96	Performance analysis of forward link beamforming techniques for DS/CDMA systems using base station antenna arrays. IEEE Transactions on Signal Processing, 2000, 48, 862-865.	3.2	4
97	A selective and adaptive interference cancellation scheme for code division multiple access systems. Signal Processing, 2003, 83, 259-273.	2.1	4
98	Twin-Cell Detection (TCD): A Code Acquisition Scheme in the Presence of Fractional Doppler Frequency Offset. IEEE Transactions on Vehicular Technology, 2009, 58, 1797-1803.	3.9	4
99	Detection Schemes for Range-Spread Targets Based on the Semidefinite Problem. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 57-69.	2.6	4
100	Beamforming and Resource Allocation for a Multi-Pair Wireless Powered Two-Way Relay Network With Fairness. IEEE Access, 2019, 7, 2799-2810.	2.6	4
101	A Game Theoretic Power Control Algorithm with Sequential Subchannel Nulling for Wireless Networks. IEICE Transactions on Communications, 2010, E93-B, 1649-1652.	0.4	4
102	Performance analysis of FHSS BFSK systems with nonlinear detectors in selective fading impulsive noise environment. Signal Processing, 1995, 45, 275-292.	2.1	3
103	On rank-based non-parametric detection of composite signals in purely additive noise. Signal Processing, 1997, 62, 257-264.	2.1	3
104	Evaluation of the optimum tilt angles for elevation-scanned phased-array radars. IEEE Transactions on Antennas and Propagation, 1999, 47, 214-215.	3.1	3
105	Performance of a turbo coded multicarrier DS/CDMA system with nonuniform repetition coding. IEEE Journal on Selected Areas in Communications, 2001, 19, 1764-1774.	9.7	3
106	Analysis of an adaptive rate convolutionally coded multicarrier DS/CDMA system. IEEE Transactions on Vehicular Technology, 2001, 50, 1014-1023.	3.9	3
107	DS/CDMA signature sequences based on PR-QMF banks. IEEE Transactions on Signal Processing, 2002, 50, 3043-3054.	3.2	3
108	Uniform circular array in the parameter estimation of coherently distributed sources. , 0, , .		3

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109	DS/SS code acquisition with joint detection of multiple correct cells using locally optimum test statistics in Rayleigh fading channels. Signal Processing, 2002, 82, 609-623.	2.1	3
110	An ML Decoding Algorithm with Reduced Complexity for Multi-Input Multi-Output Systems. , 2007, , .		3
111	Reduction of PAPR without Side Information for Frequency Switched Transmit Diversity-Based MIMO-OFDM Systems. IEEE Communications Letters, 2010, 14, 1116-1118.	2.5	3
112	Spectrum sensing based on nonlinear combining for cognitive radio with receive diversity. , 2010, , .		3
113	Decoding With Hypothesis Testing: A Near ML Decoding Scheme for MIMO Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 1251-1257.	3.9	3
114	On the sums of probability functions of order statistics. Journal of the Korean Statistical Society, 2013, 42, 257-265.	0.3	3
115	Selection-based detectors and fusion centers for cooperative cognitive radio networks in heavy-tailed noise environment. Journal of Communications and Networks, 2017, 19, 259-269.	1.8	3
116	A Novel Blind Equalizer Based on Dual-Mode MCMA and DD Algorithm. Lecture Notes in Computer Science, 2005, , 711-722.	1.0	3
117	A coded OFDM system for time-varying multipath Rayleigh fading environment. , 0, , .		2
118	An upper bound on run-length coding entropy. Proceedings of the IEEE, 1985, 73, 1141-1142.	16.4	2
119	Detection of composite signals: Part II. Examples and performance comparison. Signal Processing, 1991, 23, 299-312.	2.1	2
120	A statistical analysis of MUSIC null-spectrum via decomposition of estimation error. Signal Processing, 1993, 34, 179-192.	2.1	2
121	A generalized null-spectrum for direction of arrival estimation. IEEE Transactions on Signal Processing, 1994, 42, 462-466.	3.2	2
122	Recursive speech enhancement using the EM algorithm with initial conditions trained by HMM's. , 0, , .		2
123	A known signal detection scheme using rank statistics in multiplicative noise. , 0, , .		2
124	Suboptimum multiuser detection of the QS-CDMA systems using antenna array. , 0, , .		2
125	New polyphase sequences with good even and odd crosscorrelation properties. , 0, , .		2
126	A New Pilot-Aided Integer Frequency Offset Estimation Method for Digital Video Broadcasting (DVB) Systems. International Conference on Advanced Communication Technology, 2008, , .	0.0	2

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127	A two-stage acquisition scheme based on multiple correlator outputs for UWB signals. IEICE Electronics Express, 2011, 8, 436-442.	0.3	2
128	Cooperative spectrum sensing based on generalized likelihood ratio test under impulsive noise circumstances. , 2012, , .		2
129	Likelihood ratio test for wideband spectrum sensing. , 2013, , .		2
130	Effect of simultaneous transmit and receive antennas on cooperative cognitive radio networks. , 2016, , .		2
131	Analysis of Intersymbol Interference due to Overlap in DM-BPSK. IEICE Transactions on Communications, 2010, E93-B, 1310-1312.	0.4	2
132	Power Signal Recognition with High Order Moment Features for Non-Intrusive Load Monitoring. The Journal of Korean Institute of Communications and Information Sciences, 2014, 39C, 608-614.	0.0	2
133	Performance characteristics of the fuzzy sign detector. , 0, , .		1
134	Robust recursive estimation for linear systems with non-Gaussian state and measurement noises. , 0, , .		1
135	Noise canceling with autoassociative memory trained by order statistics. , 0, , .		1
136	Estimation of distributed elevation and azimuth angles using linear arrays. , 0, , .		1
137	Suboptimum multiuser detection of DS/CDMA systems using antenna arrays in asynchronous channels. , 0, , .		1
138	Use of antenna array diversity in multiuser detection of QS-CDMA systems. , 0, , .		1
139	Locally optimum user detection in Nakagami interference. , 0, , .		1
140	Asymptotic performance of a user detection scheme in Nakagami interference. Signal Processing, 1997, 59, 341-349.	2.1	1
141	An analysis of a modulated orthogonal sequence. , 0, , .		1
142	Rank-based detection of random signals in a weakly dependent noise model. , 0, , .		1
143	Double-dwell serial-search PN code acquisition using a nonparametric detector in DS/CDMA systems. , 0, , .		1
144	A novel DS/SS code acquisition technique based on seed accumulation of sequence generator. , 0, , .		1

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145	A novel acquisition technique of spread spectrum signals using two correct cells jointly. , 0, , .		1
146	A statistical analysis of random polyphase signature sequences in multipath fading DS-CDMA channels. Signal Processing, 2001, 81, 2461-2477.	2.1	1
147	On the polynomial representation for the number of partitions with fixed length. Mathematics of Computation, 2007, 77, 1135-1152.	1.1	1
148	Robust estimators for frequency offset of OFDM in non-Gaussian noise. IEICE Electronics Express, 2011, 8, 1412-1418.	0.3	1
149	Complexity reduction of kernel discriminant analysis. , 2012, , .		1
150	Spectrum Sensing with Receive Diversity for Cognitive Radio Operating over Wideband Channel. , 2013, , .		1
151	A hopping phase estimator for frequency hopped FM/BFSK signals. , 2014, , .		1
152	Full-duplex communication in cooperative cognitive radio networks: Preliminary results. , 2016, , .		1
153	On Full-Duplex Communication in Cooperative Cognitive Radio Networks. , 2016, , .		1
154	On the Identification and Generation of Discrete-Time Chaotic Systems with Recurrent Neural Networks. Journal of Electrical Engineering and Technology, 2019, 14, 1699-1706.	1.2	1
155	Explicit formulae and implication of the expected values of some nonlinear statistics of tri-variate Gaussian variables. Journal of the Korean Statistical Society, 2020, 49, 117-138.	0.3	1
156	Asymptotic Value of the Probability That the First Order Statistic Is from Null Hypothesis. Applied Mathematics, 2013, 04, 1702-1705.	0.1	1
157	A Unified Decision Scheme for Classification and Localization of Cable Faults. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 865-871.	0.2	1
158	A vector channel modeling and adaptive beamforming for multipath propagation using base-station antenna arrays. , 0, , .		0
159	Direction of arrival estimation with unknown number of signal sources. , 0, , .		0
160	Weak signal detection using suboptimum quantization. , 0, , .		0
161	Some useful weights of recursive weighted median filters. , 0, , .		0
162	Approximation of optimum quantizer-detector using a uniform quantizer and a coder. Signal Processing, 1991, 25, 345-359.	2.1	0

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163	Weight conditions of recursive weighted median filters. , 0, , .		0
164	A fuzzy set theoretic approach to signal detection. , 0, , .		0
165	Modification of the Reference Signal for Fast Convergence in LMS-Based Adaptive Equalizers. , 1994, , .		0
166	Finite sample-size performance of known signal detectors in a weakly dependent noise model. , 1994, , .		0
167	Performance of DS/SSMA systems with nonlinear correlators over impulsive noise channels. , 1994, , .		0
168	Asymptotic performance comparison of known signal detection schemes in weakly dependent noise. , 0, , .		0
169	The DS/SSMA systems using trellis coding with asymmetric PSK signal constellation. , 0, , .		0
170	Adaptive change of code rate in DS-SSMA communication systems. , 0, , .		0
171	An analysis of DOA estimation method under a dispersive signal model. , 0, , .		0
172	The performance of FHSS BFSK systems with limiter-squarer detectors in impulsive noise environment. , 0, , .		0
173	Performance of DS/SSMA systems using TCM under impulsive noise environment. , 0, , .		0
174	A new method of modulated orthogonal sequence generation for MPSK signal constellation. , 0, , .		0
175	A modulated orthogonal sequence and noise reduction. , 0, , .		0
176	Median-shift sign statistics for constant signal detection in impulsive noise environment. , 0, , .		0
177	Some convergence properties of Godard's quartic algorithm. Signal Processing, 1997, 56, 313-320.	2.1	0
178	Performance of DS/SSMA systems using TCM under impulsive noise environment. Signal Processing, 1998, 64, 225-230.	2.1	0
179	An optimum control strategy of channel input traffic in FH/SSMA systems with central controllers. Signal Processing, 1998, 70, 43-51.	2.1	0
180	An analysis on the effect of the number of phases in multipath fading DS-CDMA signature sequences. , 0, , .		0

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181	A new noncoherent nonparametric detector and its application to PN code acquisition in DS/CDMA systems. , 0, , .		0
182	A new DS/CDMA code acquisition scheme for reducing the effect of residual code phase offset. , 0, , .		0
183	DS-CDMA systems with polyphase signature sequences in multipath fading channel. , 0, , .		0
184	A code acquisition scheme for DS/CDMA systems. , 0, , .		0
185	An adaptive multicarrier DS/CDMA system for forward links. , 0, , .		0
186	DS/SS code acquisition using a locally suboptimum rank detector. , 0, , .		0
187	Estimation of direction of arrival using weighted subspace fitting for wireless communications. , 0, , .		0
188	Performance analysis of estimation methods for incoherently distributed source number. , 0, , .		0
189	A class of multi-valued signature sequences for DS/CDMA systems. , 0, , .		0
190	Optimal and suboptimal decision rules for parallel code acquisition in chip-asynchronous DS/SS systems. IEEE Signal Processing Letters, 2002, 9, 189-192.	2.1	0
191	On the correlations of the sign and ranks of observations in signal detection. , 0, , .		0
192	Noncoherent sequential code acquisition based on simplified maximum likelihood ratios. Signal Processing, 2005, 85, 1563-1571.	2.1	0
193	Weak signal detection performance of selective rake receivers in fading channels. , 2005, , .		0
194	Partial rake receivers for weak signals in impulsive fading environment. , 0, , .		0
195	Duragan olmayan cok bielesenli bogucu sinyaller icin yeni bir uyarlanir karisma cikarici analizi. , 0, , .		0
196	Performance comparison of signal detectors for dependent Gaussian channels. , 0, , .		0
197	Correlation of parametric and nonparametric statistics for applications in signal detection. , 0, , .		0
198	Joint Twin-Cell Detection for Spread Spectrum Code Acquisition in The Presence of Fractional Doppler Frequency Offset. , 0, , .		0

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199	Analysis of Optimum Weak Signal Detectors under Moving Average Model of Non-Gaussian Noise. , 0, , .		0
200	Analysis of Weak Signal Detectors Under Moving Average of Impulsive Noise. , 2006, , .		0
201	Constant False Alarm Rate Schemes with Receive Diversity for Code Acquisition Under Nonhomogeneous Fading Circumstances. , 2006, , .		0
202	Adapti ve Code Acquisition with Receive Diversity in Nonhomogeneous Fading Channels. , 2006, , .		0
203	Asymptotic Performance of Weak Signal Detectors in Multiplicative and First-Order Markov Additive Noise Environment. , 2006, , .		0
204	A Novel PAPR Reduction Scheme for OFDM Systems: Selective Mapping of Partial Tones (SMOPT). , 0, , .		0
205	A Hybrid ML Decoding Scheme for Multiple Input Multiple Output Signals on Partitioned Tree. , 2008, , .		0
206	A Metric-First Scheme for MIMO Signal Decoding with Branch Length Threshold. , 2008, , .		0
207	Acquisition of spread spectrum codes with consecutive correlator outputs in the presence of fractional Doppler frequency offset. , 2009, , .		0
208	Cross-Layer Design of Adaptive Wireless Multicast Transmission with Truncated HARQ. , 2009, , .		0
209	A spectrum-based searching technique for the most favorable section of digital music. IEEE Transactions on Consumer Electronics, 2009, 55, 2122-2126.	3.0	0
210	A generalized likelihood ratio test detector based non-linear diversity combining scheme for spectrum sensing in cognitive radio. , 2010, , .		0
211	Cross-layer design of multiple antenna multicast combining AMC with truncated HARQ. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 803-815.	1.6	0
212	Case based reasoning system based risk context awareness in the digital marine vessels. , 2010, , .		0
213	Complexity reduction for null space-based linear discriminant analysis. , 2011, , .		0
214	Non-intrusive Appliance Load Monitoring with Feature Extraction from Higher Order Moments. , 2013, , .		0
215	An enhanced buffer management for improving performance with considering handover in WiMedia WLP-based networks. , 2013, , .		0
216	Full-Duplex Cooperative Cognitive Radio Networks with Simultaneous Transmit and Receive Antennas in MIMO Channels. IEICE Transactions on Communications, 2018, E101.B, 1903-1915.	0.4	0

#	Article	IF	Citations
217	Cell Range Expansion with Geometric Information of Pico-Cell in Heterogeneous Networks. , 2018, , .		0
218	Performance and Computational Efficiency of a Radar Detection Scheme for Range-Spread Targets. , 2019, , .		0
219	Dual Network Based Complementary Learning System for Continual Learning. , 2021, , .		0
220	Estimation of Direction of Arrival Using Weighted Subspace Fitting for Wireless Communications. IEICE Transactions on Communications, 2005, E88-B, 3717-3724.	0.4	0
221	An Asymptotic Relative Performance Measure for Signal Detectors Based on the Correlation Information of Statistics. IEICE Transactions on Communications, 2005, E88-B, 4643-4646.	0.4	0
222	Multi-Cell MIMO Cooperation for OFDM-Based Broadcast Services and Its Outage Probability. IEICE Transactions on Communications, 2009, E92-B, 1039-1042.	0.4	0
223	Improved Subset Difference Method with Ternary Tree. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 2034-2044.	0.2	0
224	Sequential Locally Optimum Test (SLOT): A Sequential Detection Scheme Based on Locally Optimum Test Statistic. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 2045-2056.	0.2	0
225	Achievable Rate of Adaptive Wireless Multicast with Antenna Diversity in Nakagami Fading Channels. IEICE Transactions on Communications, 2010, E93-B, 2826-2829.	0.4	0
226	Expansion of Cell Range with Geometric Information of Pico Cell for Maximum Sum Rate in Heterogeneous Networks. Radioengineering, 2018, 27, 610-619.	0.3	0
227	Optimum channel input-traffic control in FH/SSMA systems with a central controller. , 0, , .		0