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List of Publications by Year
in descending order

255 papers	8,622 citations	94269 37 h-index	114278 63 g-index
266 all docs	266 docs citations	266 times ranked	2708 citing authors

#	Article	IF	Citations
1	Adaptive multicarrier modulation: a convenient framework for time-frequency processing in wireless communications. Proceedings of the IEEE, 2000, 88, 611-640.	16.4	401
2	Adaptive modulation techniques for duplex OFDM transmission. IEEE Transactions on Vehicular Technology, 2000, 49, 1893-1906.	3.9	251
3	Antenna Selection in Spatial Modulation Systems. IEEE Communications Letters, 2013, 17, 521-524.	2.5	198
4	Performance of generalized multicarrier DS-CDMA over Nakagami-m fading channels. IEEE Transactions on Communications, 2002, 50, 956-966.	4.9	190
5	Orthogonal frequency division multiplex synchronization techniques for frequency-selective fading channels. IEEE Journal on Selected Areas in Communications, 2001, 19, 999-1008.	9.7	167
6	Reduced-Complexity ML Detection and Capacity-Optimized Training for Spatial Modulation Systems. IEEE Transactions on Communications, 2014, 62, 112-125.	4.9	158
7	Bandwidth efficient QAM schemes for Rayleigh fading channels. IEE Proceedings, Part I: Communications, Speech and Vision, 1991, 138, 169.	0.2	140
8	Multicarrier ds-cdma: a multiple access scheme for ubiquitous broadband wireless communications. , 2003, 41, 116-124.		140
9	On the MIMO Channel Capacity of Multidimensional Signal Sets. IEEE Transactions on Vehicular Technology, 2006, 55, 528-536.	3.9	128
10	Adaptive minimum-BER linear multiuser detection for DS-CDMA signals in multipath channels. IEEE Transactions on Signal Processing, 2001, 49, 1240-1247.	3.2	120
11	Optimum mode-switching-assisted constant-power single- and multicarrier adaptive modulation. IEEE Transactions on Vehicular Technology, 2003, 52, 536-560.	3.9	115
12	Support vector machine multiuser receiver for DS-CDMA signals in multipath channels. IEEE Transactions on Neural Networks, 2001, 12, 604-611.	4.8	105
13	Optimisation of switching levels for adaptive modulation in slow Rayleigh fading. Electronics Letters, 1996, 32, 1167.	0.5	102
14	Genetic algorithm assisted joint multiuser symbol detection and fading channel estimation for synchronous CDMA systems. IEEE Journal on Selected Areas in Communications, 2001, 19, 985-998.	9.7	92
15	Adaptive minimum bit-error rate beamforming. IEEE Transactions on Wireless Communications, 2005, 4, 341-348.	6.1	92
16	A recursive algorithm for the error probability evaluation of M-QAM. IEEE Communications Letters, 2000, 4, 304-306.	2.5	85
17	Effects of Channel Estimation on Spatial Modulation. IEEE Signal Processing Letters, 2012, 19, 805-808.	2.1	77
18	Transmission of subband-coded images via mobile channels. IEEE Transactions on Circuits and Systems for Video Technology, 1993, 3, 15-26.	5.6	74

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19	Near-capacity irregular variable length coding and irregular unity rate coding. IEEE Transactions on Wireless Communications, 2009, 8, 5500-5507.	6.1	72
20	Space-time codes and concatenated channel codes for wireless communications. Proceedings of the IEEE, 2002, 90, 187-219.	16.4	70
21	Semi-blind Joint Maximum Likelihood Channel Estimation and Data Detection for MIMO Systems. IEEE Signal Processing Letters, 2008, 15, 202-205.	2.1	68
22	Upper bound performance of adaptive modulation in a slow Rayleigh fading channel. Electronics Letters, 1996, 32, 718.	0.5	66
23	Bandwidth-efficient wireless multimedia communications. Proceedings of the IEEE, 1998, 86, 1342-1382.	16.4	61
24	Serial acquisition of DS-CDMA signals in multipath fading mobile channels. IEEE Transactions on Vehicular Technology, 2001, 50, 617-628.	3.9	61
25	Ant-Colony-Based Multiuser Detection for Multifunctional-Antenna-Array-Assisted MC DS-CDMA Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 658-663.	3.9	59
26	MIMO-Aided Near-Capacity Turbo Transceivers: Taxonomy and Performance versus Complexity. IEEE Communications Surveys and Tutorials, 2012, 14, 421-442.	24.8	58
27	Multiple-Antenna-Aided OFDM Employing Genetic-Algorithm-Assisted Minimum Bit Error Rate Multiuser Detection. IEEE Transactions on Vehicular Technology, 2005, 54, 1713-1721.	3.9	57
28	Iterative Joint Channel Estimation and Multi-User Detection for Multiple-Antenna Aided OFDM Systems. IEEE Transactions on Wireless Communications, 2007, 6, 2904-2914.	6.1	57
29	Minimum bit-error rate design for space-time equalization-based multiuser detection. IEEE Transactions on Communications, 2006, 54, 824-832.	4.9	54
30	Quantifying the Transmit Diversity Order of Euclidean Distance Based Antenna Selection in Spatial Modulation. IEEE Signal Processing Letters, 2015, 22, 1434-1437.	2.1	54
31	Genetic-Algorithm-Assisted Multiuser Detection in Asynchronous CDMA Communications. IEEE Transactions on Vehicular Technology, 2004, 53, 1413-1422.	3.9	53
32	Orthogonal frequency division multiplex synchronisation techniques for wireless local area networks. , 0, , .		51
33	Iterative Near-Maximum-Likelihood Detection in Rank-Deficient Downlink SDMA Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 653-657.	3.9	51
34	Adaptive low-rate wireless videophone schemes. IEEE Transactions on Circuits and Systems for Video Technology, 1995, 5, 305-318.	5.6	50
35	Multiple antenna aided OFDM employing minimum bit error rate multiuser detection. Electronics Letters, 2003, 39, 1769.	0.5	48
36	Spatial Modulation Aided Zero-Padded Single Carrier Transmission for Dispersive Channels. IEEE Transactions on Communications, 2013, 61, 2318-2329.	4.9	45

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37	A subband coding, BCH coding, and 16-QAM system for mobile radio speech communications. IEEE Transactions on Vehicular Technology, 1990, 39, 327-339.	3.9	43
38	On the Performance and Complexity of Irregular Variable Length Codes for Near-Capacity Joint Source and Channel Coding. IEEE Transactions on Wireless Communications, 2008, 7, 1338-1347.	6.1	40
39	Iterative Irregular Sphere Detection in High-Rate Downlink SDMA Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 3855-3861.	3.9	40
40	Upper-bound performance of a wide-band adaptive modem. IEEE Transactions on Communications, 2000, 48, 367-369.	4.9	38
41	Residue number system assisted fast frequency-hopped synchronous ultra-wideband spread-spectrum multiple-access: a design alternative to impulse radio. IEEE Journal on Selected Areas in Communications, 2002, 20, 1652-1663.	9.7	38
42	Adaptive Minimum Symbol-Error-Rate Decision Feedback Equalization for Multilevel Pulse-Amplitude Modulation. IEEE Transactions on Signal Processing, 2004, 52, 2092-2101.	3.2	38
43	Hybrid Iterative Multiuser Detection for Channel Coded Space Division Multiple Access OFDM Systems. IEEE Transactions on Vehicular Technology, 2006, 55, 115-127.	3.9	38
44	Adaptive Minimum Symbol Error Rate Beamforming Assisted Detection for Quadrature Amplitude Modulation. IEEE Transactions on Wireless Communications, 2008, 7, 1140-1145.	6.1	38
45	Antenna-diversity-assisted genetic-algorithm-based multiuser detection schemes for synchronous CDMA systems. IEEE Transactions on Communications, 2003, 51, 366-370.	4.9	37
46	Performance of broadband multicarrier DS-CDMA using space-time spreading-assisted transmit diversity. IEEE Transactions on Wireless Communications, 2005, 4, 885-894.	6.1	37
47	Programmable H.263-based wireless video transceivers for interference-limited environments. IEEE Transactions on Circuits and Systems for Video Technology, 1998, 8, 275-286.	5.6	36
48	Redundant residue number system based error correction codes. , 0, , .		36
49	Three Design Aspects of Multicarrier Interleave Division Multiple Access. IEEE Transactions on Vehicular Technology, 2008, 57, 3607-3617.	3.9	36
50	Serial acquisition performance of single-carrier and multicarrier DS-CDMA over Nakagami-m fading channels. IEEE Transactions on Wireless Communications, 2002, 1, 692-702.	6.1	35
51	Slow frequency-hopping multicarrier DS-CDMA for transmission over Nakagami multipath fading channels. IEEE Journal on Selected Areas in Communications, 2001, 19, 1211-1221.	9.7	34
52	Iterative Multiuser Detection and Channel Decoding for DS-CDMA Using Harmony Search. IEEE Signal Processing Letters, 2009, 16, 917-920.	2.1	34
53	Crest-factor study of MC-CDMA and OFDM. , 1999, , .		32
54	Iterative Construction of Reversible Variable-Length Codes and Variable-Length Error-Correcting Codes. IEEE Communications Letters, 2004, 8, 671-673.	2.5	31

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55	Reduced-Complexity Iterative-Detection-Aided Generalized Space-Time Shift Keying. IEEE Transactions on Vehicular Technology, 2012, 61, 3656-3664.	3.9	31
56	Hybrid genetic algorithm based detection schemes for synchronous CDMA systems. , 0, , .		30
57	Radial basis function-assisted turbo equalization. IEEE Transactions on Communications, 2003, 51, 664-675.	4.9	30
58	MBER Space-Time Decision Feedback Equalization Assisted Multiuser Detection for Multiple Antenna Aided SDMA Systems. IEEE Transactions on Signal Processing, 2006, 54, 3090-3098.	3.2	30
59	Latency and networking aspects of adaptive modems over slow indoors Rayleigh fading channels. IEEE Transactions on Vehicular Technology, 1999, 48, 1237-1251.	3.9	29
60	Distributed Turbo Trellis Coded Modulation for Cooperative Communications. , 2009, , .		29
61	Performance of Rake receiver assisted adaptive-modulation based CDMA over frequency selective slow Rayleigh fading channels. Electronics Letters, 2001, 37, 247.	0.5	28
62	Parallel-interference-cancellation-assisted decision-directed channel estimation for OFDM systems using multiple transmit antennas. IEEE Transactions on Wireless Communications, 2005, 4, 2148-2162.	6.1	28
63	The Amplify-and-Forward Cooperative Uplink Using Multiple-Symbol Differential Sphere-Detection. IEEE Signal Processing Letters, 2009, 16, 913-916.	2.1	28
64	Soft-Decision Star-QAM Aided BICM-ID. IEEE Signal Processing Letters, 2011, 18, 169-172.	2.1	28
65	A residue number system based parallel communication scheme using orthogonal signaling. I. System outline. IEEE Transactions on Vehicular Technology, 2002, 51, 1534-1546.	3.9	27
66	Turbo-detected unequal protection MPEG-4 wireless video telephony using multi-level coding, trellis coded modulation and space-time trellis coding. IET Communications, 2005, 152, 1116.	1.0	27
67	Overlapping M-ary frequency shift keying spread-spectrum multiple-access systems using random signal sequences. IEEE Transactions on Vehicular Technology, 1999, 48, 1984-1995.	3.9	26
68	Performance analysis of coded M-ary orthogonal signaling using errors-and-erasures decoding over frequency-selective fading channels. IEEE Journal on Selected Areas in Communications, 2001, 19, 211-221.	9.7	26
69	Acquisition of<tex>m</tex>-Sequences Using Recursive Soft Sequential Estimation. IEEE Transactions on Communications, 2004, 52, 199-204.	4.9	26
70	Adaptive minimum bit error rate beamforming assisted receiver for QPSK wireless communication. , 2005, 15, 545-567.		26
71	Minimum bit error rate multiuser transmission designs using particle swarm optimisation. IEEE Transactions on Wireless Communications, 2009, 8, 5012-5017.	6.1	26
72	Interactive cellular and cordless video telephony: State-of-the-art system design principles and expected performance. Proceedings of the IEEE, 2000, 88, 1388-1413.	16.4	25

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73	Adaptive minimum bit error rate beamforming assisted receiver for wireless communications. , 0, , .		25
74	Maximum-Throughput Irregular Distributed Space-Time Code for Near-Capacity Cooperative Communications. IEEE Transactions on Vehicular Technology, 2010, 59, 1511-1517.	3.9	25
75	An Energy-Efficient Error Correction Scheme for IEEE 802.15.4 Wireless Sensor Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 233-237.	2.2	25
76	Kernel-Based Nonlinear Beamforming Construction Using Orthogonal Forward Selection With the Fisher Ratio Class Separability Measure. IEEE Signal Processing Letters, 2004, 11, 478-481.	2.1	24
77	Joint Maximum Likelihood Channel Estimation and Data Detection for MIMO Systems. , 2007, , .		24
78	Fully complex-valued radial basis function networks: Orthogonal least squares regression and classification. Neurocomputing, 2008, 71, 3421-3433.	3.5	24
79	Semi-Blind Adaptive Spatial Equalization for MIMO Systems with High-Order QAM Signalling. IEEE Transactions on Wireless Communications, 2008, 7, 4486-4491.	6.1	24
80	The Resource-Optimized Differentially Modulated Hybrid AF/DF Cooperative Cellular Uplink Using Multiple-Symbol Differential Sphere Detection. IEEE Signal Processing Letters, 2009, 16, 965-968.	2.1	24
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82	Upper-bound performance of a wideband burst-by-burst adaptive modem. , 0, , .		23
83	Low complexity erasure insertion in RS-coded SFH spread-spectrum communications with partial-band interference and Nakagami-m fading. IEEE Transactions on Communications, 2002, 50, 914-925.	4.9	23
84	Performance of generalized multicarrier DS-CDMA using various chip waveforms. IEEE Transactions on Communications, 2003, 51, 748-752.	4.9	23
85	Turbo Detection of Precoded Sphere Packing Modulation Using Four Transmit Antennas for Differential Space-Time Spreading. IEEE Transactions on Wireless Communications, 2008, 7, 943-952.	6.1	23
86	From Nominal to True A Posteriori Probabilities: An Exact Bayesian Theorem Based Probabilistic Data Association Approach for Iterative MIMO Detection and Decoding. IEEE Transactions on Communications, 2013, 61, 2782-2793.	4.9	23
87	Interference aspects of adaptive modems over slow Rayleigh fading channels. IEEE Transactions on Vehicular Technology, 1999, 48, 1527-1545.	3.9	22
88	OFDM-based turbo-coded hierarchical and non-hierarchical terrestrial mobile digital video broadcasting. IEEE Transactions on Broadcasting, 2000, 46, 1-22.	2.5	22
89	EXIT-Chart Optimized Short Block Codes for Iterative Joint Source and Channel Decoding in H.264 Video Telephony. IEEE Transactions on Vehicular Technology, 2009, 58, 4306-4315.	3.9	21
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92	The super-trellis structure of turbo codes. IEEE Transactions on Information Theory, 2000, 46, 2212-2228.	1.5	20
93	Blind-detection assisted sub-band adaptive turbo-coded OFDM schemes. , 0, , .		19
94	Orthogonal frequency-division multiplex transmission of H.263 encoded video over highly frequency-selective wireless networks. IEEE Transactions on Circuits and Systems for Video Technology, 1999, 9, 701-712.	5.6	19
95	Blind joint soft-detection assisted slow frequency-hopping multicarrier DS-CDMA. IEEE Transactions on Communications, 2000, 48, 1520-1529.	4.9	19
96	Space-Time Trellis and Space-Time Block Coding Versus Adaptive Modulation and Coding Aided OFDM for Wideband Channels. IEEE Transactions on Vehicular Technology, 2006, 55, 173-187.	3.9	19
97	Constant modulus algorithm aided soft decision directed scheme for blind space–time equalisation of SIMO channels. Signal Processing, 2007, 87, 2587-2599.	2.1	19
98	Low-Complexity Multiple-Component Turbo-Decoding-Aided Hybrid ARQ. IEEE Transactions on Vehicular Technology, 2011, 60, 1571-1577.	3.9	19
99	An intelligent multimode voice communications system for indoor communications. IEEE Transactions on Vehicular Technology, 1995, 44, 735-748.	3.9	18
100	Single-user performance of direct-sequence code-division multiple-access using relay diversity and power allocation. IET Communications, 2008, 2, 462.	1.5	18
101	An Optimized-Hierarchy-Aided Maximum Likelihood Detector for MIMO-OFDM. , 0, , .		17
102	Burst-by-burst adaptive decision feedback equalized TCM, TTCM, and BICM for H.263-assisted wireless video telephony. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 363-374.	5.6	17
103	Genetic Algorithm Aided Design of Component Codes for Irregular Variable Length Coding. IEEE Transactions on Communications, 2009, 57, 1290-1297.	4.9	17
104	Iterative Decoding Convergence and Termination of Serially Concatenated Codes. IEEE Transactions on Vehicular Technology, 2010, 59, 216-224.	3.9	17
105	A Transceiver Design Based on Uniform Channel Decomposition and MBER Vector Perturbation. IEEE Transactions on Vehicular Technology, 2010, 59, 3153-3159.	3.9	17
106	Heterogeneous Networking: An Enabling Paradigm for Ubiquitous Wireless Communications [Point of View. Proceedings of the IEEE, 2010, 98, 135-138.	16.4	17
107	Reduced-Complexity Approx-Log-MAP and Max-Log-MAP Soft PSK/QAM Detection Algorithms. IEEE Transactions on Communications, 2013, 61, 1415-1425.	4.9	17
108	Soft-decision redundant residue number system based error correction coding. , 0, , .		16

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109	Residue number system arithmetic assisted M-ary modulation. IEEE Communications Letters, 1999, 3, 28-30.	2.5	16
110	Turbo- and BCH-coded wide-band burst-by-burst adaptive H.263-assisted wireless video telephony. IEEE Transactions on Circuits and Systems for Video Technology, 2000, 10, 1355-1363.	5.6	16
111	A Reed-Solomon coded DS-CDMA system using noncoherent M-ary orthogonal modulation over multipath fading channels. IEEE Journal on Selected Areas in Communications, 2000, 18, 2240-2251.	9.7	16
112	Space-time IQ-interleaved TCM and TTCM for AWGN and Rayleigh fading channels. Electronics Letters, 2002, 38, 1553.	0.5	16
113	Burst-by-burst adaptive multiuser detection cdma: a framework for existing and future wireless standards. Proceedings of the IEEE, 2003, 91, 278-302.	16.4	16
114	Clustering-Based Symmetric Radial Basis Function Beamforming. IEEE Signal Processing Letters, 2007, 14, 589-592.	2.1	16
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116	Joint Iterative Decoding of Trellis-Based VQ and TCM. IEEE Transactions on Wireless Communications, 2007, 6, 1327-1336.	6.1	15
117	Mellin-Transform-Based Performance Analysis of FFH M -ary FSK Using Product Combining for Combatting Partial-Band Noise Jamming. IEEE Transactions on Vehicular Technology, 2008, 57, 2757-2765.	3.9	15
118	Unveiling Near-Capacity Code Design: The Realization of Shannon's Communication Theory for MIMO Channels. , 2008, , .		15
119	Channel coding for satellite mobile channels. International Journal of Satellite Communications and Networking, 1989, 7, 143-163.	0.6	14
120	Asymptotic Bayesian decision feedback equalizer using a set of hyperplanes. IEEE Transactions on Signal Processing, 2000, 48, 3493-3500.	3.2	14
121	Least bit error rate adaptive nonlinear equalisers for binary signalling. IET Communications, 2003, 150, 29.	1.0	14
122	Adaptive minimum bit error rate beamforming assisted QPSK receiver. , 2004, , .		14
123	EXIT-Chart-Aided Hybrid Multiuser Detector for Multicarrier Interleave-Division Multiple Access. IEEE Transactions on Vehicular Technology, 2010, 59, 1563-1567.	3.9	14
124	Burst-by-burst adaptive joint detection CDMA. , 0, , .		13
125	Comparative study of space time block codes and various concatenated turbo coding schemes. , 0, , .		13
126	Burst-by-burst adaptive turbo-coded radial basis function-assisted decision feedback equalization. IEEE Transactions on Communications, 2001, 49, 1935-1945.	4.9	13

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127	Coded Modulation Assisted Radial Basis Function Aided Turbo Equalization for Dispersive Rayleigh-Fading Channels. IEEE Transactions on Wireless Communications, 2004, 3, 2198-2206.	6.1	13
128	Iterative MIMO Detection for Rank-Deficient Systems. IEEE Signal Processing Letters, 2006, 13, 699-702.	2.1	13
129	Layered steered space-time codes and their capacity. Electronics Letters, 2007, 43, 680.	0.5	13
130	Cooperative Differential Space–Time Spreading for the Asynchronous Relay Aided CDMA Uplink Using Interference Rejection Spreading Code. IEEE Signal Processing Letters, 2010, 17, 117-120.	2.1	13
131	Distributed Multiple-Component Turbo Codes for Cooperative Hybrid ARQ. IEEE Signal Processing Letters, 2013, 20, 599-602.	2.1	13
132	Space-time block coded adaptive modulation aided OFDM. , 0, , .		12
133	Joint source-coding, channel-coding and modulation schemes for AWGN and Rayleigh fading channels. Electronics Letters, 2003, 39, 1259.	0.5	12
134	Radial basis function network assisted space-time equalisation for dispersive fading environments. Electronics Letters, 2004, 40, 1006.	0.5	12
135	Adaptive near minimum error rate training for neural networks with application to multiuser detection in CDMA communication systems. Signal Processing, 2005, 85, 1435-1448.	2.1	12
136	Error-rate-based power-controlled multimode H.263-assisted video telephony. IEEE Transactions on Vehicular Technology, 1999, 48, 1726-1738.	3.9	11
137	Concatenated space-time block codes and TCM, turbo TCM, convolutional as well as turbo codes. , 0, , .		11
138	Performance of Fractionally Spread Multicarrier CDMA in AWGN as Well as Slow and Fast Nakagami-<tex>m</tex>Fading Channels. IEEE Transactions on Vehicular Technology, 2005, 54, 1817-1827.	3.9	11
139	On the uplink performance of LAS-CDMA. IEEE Transactions on Wireless Communications, 2006, 5, 1187-1196.	6.1	11
140	Erasure Insertion in RS-Coded SFH MFSK Subjected to Tone Jamming and Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2007, 56, 3563-3571.	3.9	11
141	Over-Complete Mapping Aided, Soft-Bit Assisted Iterative Unequal Error Protection H.264 Joint Source and Channel Decoding. , 2008, , .		11
142	Fast Converging Semi-Blind Space-Time Equalisation for Dispersive QAM MIMO Systems. IEEE Transactions on Wireless Communications, 2009, 8, 3969-3974.	6.1	11
143	On the Union Bounds of Self-Concatenated Convolutional Codes. IEEE Signal Processing Letters, 2009, 16, 754-757.	2.1	11
144	Distributed Self-Concatenated Coding for Cooperative Communication. IEEE Transactions on Vehicular Technology, 2010, 59, 3097-3104.	3.9	11

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145	Multihop Diversity - A Precious Source of Fading Mitigation in Multihop Wireless Networks. , 2011, , .		11
146	Approximate Bayesian Probabilistic-Data-Association-Aided Iterative Detection for MIMO Systems Using Arbitrary M-ary Modulation. IEEE Transactions on Vehicular Technology, 2013, 62, 1228-1240.	3.9	11
147	Block turbo coded burst-by-burst adaptive radial basis function decision feedback equaliser assisted modems. , 0, , .		11
148	A packet reservation multiple access assisted cordless telecommunication scheme. IEEE Transactions on Vehicular Technology, 1994, 43, 234-244.	3.9	10
149	Ratio statistic test assisted residue number system based parallel communication schemes. , 0, , .		10
150	Decision-feedback equalization using multiple-hyperplane partitioning for detecting ISI-corrupted M-ary PAM signals. IEEE Transactions on Communications, 2001, 49, 760-764.	4.9	10
151	Iteratively Decoded Irregular Variable Length Coding and Trellis Coded Modulation. Signal Processing Systems Design and Implementation (siPS), IEEE Workshop on, 2007, , .	0.0	10
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155	Broadband MC DS-CDMA using space-time and frequency-domain spreading. , 0, , .		9
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157	Channel Impulse Response Tap Prediction for Time-Varying Wireless Channels. IEEE Transactions on Vehicular Technology, 2007, 56, 2767-2769.	3.9	9
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159	Fuzzy-logic tuned constant modulus algorithm and soft decision-directed scheme for blind equalisation. , 2010, 20, 846-859.		9
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165	Turbo-Coded Adaptive Modulation Versus Space–Time Trellis Codes for Transmission Over Dispersive Channels. IEEE Transactions on Wireless Communications, 2004, 3, 2019-2029.	6.1	8
166	Analysis of Serial-Search-Based Code Acquisition in the Multiple-Transmit/Multiple-Receive-Antenna-Aided DS-CDMA Downlink. IEEE Transactions on Vehicular Technology, 2008, 57, 1032-1039.	3.9	8
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168	Iterative Multiuser Minimum Symbol Error Rate Beamforming Aided QAM Receiver. IEEE Signal Processing Letters, 2008, 15, 301-304.	2.1	8
169	Generic iterative search-centre-shifting K-best sphere detection for rank-deficient SDM-OFDM systems. Electronics Letters, 2008, 44, 552.	0.5	8
170	Near-Capacity Three-Stage Turbo Detection of Irregular Convolutional Coded Joint Sphere-Packing Modulation and Space-Time Coding. IEEE Transactions on Communications, 2009, 57, 1486-1495.	4.9	8
171	Minimum-distance decoding of redundant residue number system codes. , 0, , .		7
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174	A wide-band radial basis function decision feedback equalizer-assisted burst-by-burst adaptive modem. IEEE Transactions on Communications, 2002, 50, 693-697.	4.9	7
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177	Adaptive Minimum Symbol Error Rate Beamforming Assisted Receiver for Quadrature Amplitude Modulated Systems. , 0, , .		7
178	Reduced-Complexity Near-Maximum-Likelihood Detection for Decision Feedback Assisted Space-Time Equalization. IEEE Transactions on Wireless Communications, 2007, 6, 2407-2411.	6.1	7
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