

Ranjan K Mallik

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199
papers

4,343
citations

33
h-index

60
g-index

226
ext. papers

5,382
ext. citations

5.3
avg. IF

6.03
L-index

#	Paper	IF	Citations
199	Performance Analysis of an Index Modulation-Based Receive Diversity RIS-Assisted Wireless Communication System. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	0
198	Downlink Multi-User Hybrid Beamforming Systems with Receiver IQ Imbalance: Pre-Compensation and Performance Analysis. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	0
197	Channel Estimation and Secret Key Rate Analysis of MIMO Terahertz Quantum Key Distribution. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	0
196	Rayleigh Fading Channel Capacity for Coherent Signaling With Asymmetric Constellations. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
195	Machine Learning Based Parameter Estimation of Gaussian Quantum States. <i>IEEE Transactions on Quantum Engineering</i> , 2021 , 1-1	2.9	0
194	Beamforming based Mitigation of Hovering Inaccuracy in UAV-Aided RFET. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	
193	Characterizing the Probability of Collision Between Information Particles in Molecular Communications. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1252-1255	5.9	2
192	Optimal 4-Ary Imbalanced-Phase-Amplitude Modulation in Uncorrelated and Correlated Receive Diversity PLC Systems Under Nakagami- m Noise Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 6343-6354	6.8	4
191	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1750-1764	6.9	0
190	Secrecy Optimization for Diffusion-Based Molecular Timing Channels. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2021 , 1-1	2.3	4
189	. <i>IEEE Access</i> , 2021 , 9, 98231-98248	3.5	1
188	On the Average Harvested Energy of Directive Lightwave Power Transfer (DLPT). <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1508-1512	5.9	
187	Performance of MRC and ZF Receivers in IQ-Impaired Uplink Massive MIMO Systems 2021 ,		2
186	Channel Capacity of an Asymmetric Constellation in Rayleigh Fading with Noncoherent Energy Detection. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
185	MIMO Terahertz Quantum Key Distribution. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	2
184	Exact Expressions for PAPR Statistics in Low Number Subcarrier Multicarrier Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 938-942	5.9	0
183	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 4067-4079	9.6	5

182	Transmitter IQ Imbalance Pre-Compensation for mm-wave Hybrid Beamforming Systems 2020 ,		4
181	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3057-3067	6.8	9
180	Secrecy Outage Performance of SWIPT Cognitive Radio Network With Imperfect CSI. <i>IEEE Access</i> , 2020 , 8, 3911-3919	3.5	5
179	Compensation of Receiver IQ Imbalance in mm-wave Hybrid Beamforming Systems 2020 ,		1
178	Smart Grid Network With D2D Communication and Coherent PLC: Error Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1051-1054	6.8	10
177	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9893-9907	10.7	4
176	Coverage Probability Analysis in a Device-to-Device Network: Interference Functional and Laplace Transform Based Approach. <i>IEEE Communications Letters</i> , 2019 , 23, 466-469	3.8	12
175	Outage probability of fixed-gain amplify-and-forward two-way relays with multiple co-channel interferers. <i>IET Communications</i> , 2019 , 13, 649-656	1.3	2
174	Virtual full-duplex relaying in multi-hop DF cooperative networks using half-duplex relays with buffers. <i>IET Communications</i> , 2019 , 13, 489-495	1.3	7
173	Cooperative NOMA with AF Relaying over Nakagami-m Fading in a D2D Network 2019 ,		5
172	Buffer-Aided DF Relaying Network with CCI 2019 ,		1
171	. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2019 , 5, 222-232	2.3	3
170	Performance analysis of diffusive molecular timing channels. <i>IET Communications</i> , 2019 , 13, 3059-3067	1.3	7
169	Molecular Communication: The First Arrival Position Channel. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 508-511	5.9	4
168	Error Analysis of Receive Diversity Noncoherent PLC System in Impulsive Noise Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 962-966	6.8	8
167	Incremental Relaying for Power Line Communications: Performance Analysis and Power Allocation. <i>IEEE Systems Journal</i> , 2019 , 13, 4236-4247	4.3	4
166	Coverage and Interference in D2D Networks With Poisson Cluster Process. <i>IEEE Communications Letters</i> , 2018 , 22, 1098-1101	3.8	21
165	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2826-2839	6.9	37

164	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 1732-1744	6.9	2
163	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4345-4360	6.9	3
162	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 4690-4705	9.6	9
161	Performance analysis of non-coherent PLC with multi-level ASK in impulsive noise environment. <i>IET Communications</i> , 2018 , 12, 816-823	1.3	9
160	A Machine Learning Approach for Power Allocation in HetNets Considering QoS 2018 ,		45
159	Priority-based max-link relay selection scheme for buffer-aided DF cooperative networks 2018 ,		2
158	. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3079-3094	6.9	9
157	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 11011-11022	6.8	30
156	Incremental Selective Decode-and-Forward Relaying for Power Line Communication 2017 ,		6
155	Analysis of dedicated and shared device-to-device communication in cellular networks over Nakagami-m fading channels. <i>IET Communications</i> , 2017 , 11, 1600-1609	1.3	23
154	Voltage control of a DC microgrid with double-input converter in a multi-PV scenario using PLC 2016 ,		3
153	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 4997-5010	6.9	18
152	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 732-743	6.8	42
151	Performance Evaluation of Best-Path Selection in a Multihop Decode-and-Forward Cooperative System. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 2722-2728	6.8	43
150	Physical Layer Security in Three-Tier Wireless Sensor Networks: A Stochastic Geometry Approach. <i>IEEE Transactions on Information Forensics and Security</i> , 2016 , 11, 1128-1138	8	72
149	Buffer-Aided Max-Link Relay Selection in Multi-Hop DF Cooperative Networks 2016 ,		1
148	2016 ,		15
147	Effect of channel correlation on multi-hop data transmission over power lines with decode-and-forward relays. <i>IET Communications</i> , 2016 , 10, 1623-1630	1.3	10

146	Secrecy Outage of a Simultaneous Wireless Information and Power Transfer Cognitive Radio System. <i>IEEE Wireless Communications Letters</i> , 2016 , 5, 288-291	5.9	40
145	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 2204-2219	6.9	4
144	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5681-5691	9.6	47
143	. <i>IEEE Transactions on Communications</i> , 2015 , 63, 1245-1258	6.9	7
142	. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2337-2345	6.9	43
141	Multicarrier modulation with variable peak-to-average power ratio using partial fast Fourier transform. <i>IET Communications</i> , 2015 , 9, 1450-1457	1.3	1
140	Modeling and performance analysis of a PLC system in presence of impulsive noise 2015 ,		15
139	Performance analysis of a multi-hop power line communication system over log-normal fading in presence of impulsive noise. <i>IET Communications</i> , 2015 , 9, 1-9	1.3	38
138	Dual-Hop and Multi-Hop Cooperative Spectrum Sensing with an Improved Energy Detector and Multiple Antennae-Based Secondary Users. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2015 , 618-652	0.2	
137	Noncoherent Reception of Multi-Level ASK in Rayleigh Fading with Receive Diversity. <i>IEEE Transactions on Communications</i> , 2014 , 62, 135-143	6.9	12
136	SLNC for Multi-Source Multi-Relay BICM-OFDM Systems. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 2096-2112	9.6	1
135	Power Allocation for Conventional and Buffer-Aided Link Adaptive Relaying Systems with Energy Harvesting Nodes. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 1182-1195	9.6	65
134	A Space-Time Block Coded Spatial Modulation From (n,k) Error Correcting Code. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 54-57	5.9	8
133	Performance analysis of a power line communication system employing selection combining in correlated log-normal channels and impulsive noise. <i>IET Communications</i> , 2014 , 8, 1072-1082	1.3	36
132	Generalized selection combining in cognitive MIMO relay networks 2014 ,		2
131	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3331-3341	6.8	22
130	. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 6054-6067	9.6	120
129	. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4911-4922	9.6	32

128	Performance Analysis of OSTBC Relaying in AF MIMO Relay Systems With Imperfect CSI. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	2
127	Molecular communication with Brownian motion and a positive drift: performance analysis of amplitude modulation schemes. <i>IET Communications</i> , 2014 , 8, 2413-2422	1.3	8
126	Effect of Molecular Noise in Diffusion-Based Molecular Communication. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 489-492	5.9	8
125	Impact of Primary Network on Secondary Network With Generalized Selection Combining. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	17
124	Asymptotic analysis for dual-hop communication networks with PSK and imperfect CSI 2014 ,		2
123	Secrecy outage of TAS/GSC in Nakagami-m fading channels 2014 ,		4
122	Solutions of DifferentialDifference Equations Arising from Mathematical Models of Granulocytopoiesis. <i>Differential Equations and Dynamical Systems</i> , 2014 , 22, 33-49	0.8	7
121	WLAN Service Providers' Price Competition with Uncertainty in User Demand. <i>IEEE Communications Letters</i> , 2013 , 17, 517-520	3.8	1
120	Threshold optimization of a finite sample-based cognitive radio network using energy detector. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	13
119	2013 ,		1
118	. <i>IEEE Transactions on Communications</i> , 2013 , 61, 344-356	6.9	1
117	Performance analysis of multiple sample based improved energy detector in collaborative CR networks 2013 ,		8
116	Joint Power Allocation and Relay Selection in Energy Harvesting AF Relay Systems. <i>IEEE Wireless Communications Letters</i> , 2013 , 2, 239-242	5.9	94
115	Optimisation of power allocation for asymmetric relay placement in multi-hop relay systems. <i>IET Communications</i> , 2013 , 7, 128-136	1.3	5
114	Wireless local area network service providers price competition in presence of heterogeneous user demand. <i>IET Communications</i> , 2013 , 7, 2113-2121	1.3	
113	Outage probability of Amplify-and-Forward two-way cooperative systems in presence of multiple co-channel interferers 2013 ,		8
112	Beamforming and Combining in Two-Way AF MIMO Relay Networks. <i>IEEE Communications Letters</i> , 2013 , 17, 1400-1403	3.8	39
111	Coalition-Assisted Resource Allocation in Large Amplify-and-Forward Cooperative Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 1863-1873	6.8	11

110	Cooperative Spectrum Sensing in Multiple Antenna Based Cognitive Radio Network Using an Improved Energy Detector. <i>IEEE Communications Letters</i> , 2012 , 16, 64-67	3.8	121
109	Asymptotic Performance of Generalized Selection Combining in Generic Noise and Fading. <i>IEEE Transactions on Communications</i> , 2012 , 60, 916-922	6.9	6
108	Performance of Full CSI Selection Combining for Cooperative Diversity Systems. <i>IEEE Transactions on Communications</i> , 2012 , 60, 2482-2488	6.9	17
107	Threshold optimization of finite sample based cognitive radio network 2012 ,		7
106	2012 ,		4
105	Performance of a PLC system in impulsive noise with selection combining 2012 ,		20
104	Sensing Time and Power Optimization in MIMO Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3398-3408	9.6	23
103	Joint channel estimation and decoding of space-time block codes in AF MIMO relay networks 2012 ,		13
102	Diversity combining in FSO systems in presence of non-Gaussian noise 2012 ,		9
101	Relay Subset Selection and Fair Power Allocation for Best and Partial Relay Selection in Generic Noise and Interference. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 1828-1839	9.6	23
100	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 1911-1921	9.6	1
99	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3180-3193	9.6	5
98	Power Allocation in Energy Harvesting Relay Systems 2012 ,		17
97	Performance Analysis of Decode-and-Forward Multi-Hop Communication: A Difference Equation Approach. <i>IEEE Transactions on Communications</i> , 2012 , 60, 339-345	6.9	17
96	Beamforming and combining based on estimated channels in cooperative relay networks 2012 ,		5
95	Duopoly price competition of WLAN service providers in presence of heterogeneous user demand 2012 ,		5
94	Coded cooperation for BICM-OFDM 2012 ,		2
93	Sensing time and power optimization in MIMO cognitive radio networks 2012 ,		1

92	Cooperative spectrum sensing with an improved energy detector in cognitive radio network 2011 ,		39
91	Hybrid Coherent/Energy Detection for Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 1594-1605	9.6	18
90	Network Coded Cooperative BICM-OFDM 2011 ,		2
89	Optimum Receiver Performance With Binary Phase-Shift Keying for Decode-and-Forward Relaying. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 1948-1954	6.8	6
88	Single-Relay Cooperative Diversity with Scaled Selection Combining. <i>IEEE Transactions on Communications</i> , 2011 , 59, 701-707	6.9	5
87	. <i>IEEE Transactions on Communications</i> , 2011 , 59, 1742-1751	6.9	11
86	. <i>IEEE Transactions on Communications</i> , 2011 , 59, 2119-2131	6.9	12
85	On the Sum of Kappa Stochastic Variates and Applications to Equal-Gain Combining. <i>IEEE Transactions on Communications</i> , 2011 , 59, 2434-2442	6.9	4
84	Distribution of Inner Product of Complex Gaussian Random Vectors and its Applications. <i>IEEE Transactions on Communications</i> , 2011 , 59, 3353-3362	6.9	19
83	BER Analysis of Uplink OFDMA in the Presence of Carrier Frequency and Timing Offsets on Rician Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 4392-4402	6.8	3
82	Optimization of Cooperative Spectrum Sensing with an Improved Energy Detector over Imperfect Reporting Channels 2011 ,		30
81	Analysis and relay placement for DF cooperative BICM-OFDM systems 2011 ,		7
80	Performance Analysis of a Multi-Hop Communication System with Decode-and-Forward Relaying 2011 ,		3
79	Hybrid Coherent/Energy Detection for Cognitive Radio Networks 2010 ,		2
78	Amplify-and-Forward Cooperative Diversity for BICM-OFDM Systems 2010 ,		4
77	Power Control for Relay-Assisted Wireless Systems with General Relaying 2010 ,		8
76	Game-Theoretic Resource Allocation for Two-Hop Interference Channels 2010 ,		1
75	Cooperative BICM-OFDM: Sub-carrier and power allocation 2010 ,		1

74	Randomized Power Control for Two-Hop Interference Channels. <i>IEEE Communications Letters</i> , 2010 , 14, 1128-1130	3.8	2
73	Deterministic processing for MIMO systems 2010 ,		1
72	Asymptotic Performance of Lp-Norm MIMO Detection 2010 ,		1
71	Performance analysis of a multi-relay cooperative diversity network with decode and forward relaying 2010 ,		3
70	. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2611-2620	6.9	31
69	. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 4388-4399	6.8	26
68	. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2147-2158	6.9	50
67	Error Rate Performance of Multilevel Signals with Coherent Detection. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2188-2192	6.9	
66	Deterministic Linear Combining Receivers for Random Fading Channels. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2630-2638	6.9	2
65	Linear detection for the nonorthogonal amplify and forward protocol. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 826-835	9.6	7
64	Performance of Optimum and Suboptimum Receivers for Space-Time Coded Systems in Correlated Fading. <i>IEEE Transactions on Communications</i> , 2009 , 57, 1237-1241	6.9	4
63	Performance analysis of MIMO free-space optical systems in gamma-gamma fading. <i>IEEE Transactions on Communications</i> , 2009 , 57, 3415-3424	6.9	249
62	Optimization of cooperative spectrum sensing with energy detection in cognitive radio networks. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 5761-5766	9.6	481
61	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3151-3161	9.6	39
60	Error analysis of the decode and forward protocol with selection combining. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3086-3094	9.6	34
59	Equivalence of optimum and joint processing receivers for space-time block coded systems. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 51-54	9.6	2
58	Average of Product of Two Gaussian Q-Functions and its Application to Performance Analysis in Nakagami Fading. <i>IEEE Transactions on Communications</i> , 2008 , 56, 1289-1299	6.9	18
57	Optimum Receiver for a Realistic TransmitReceive Diversity System in Correlated Fading. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 5456-5468	2.8	1

56	Distributed Transmit Antenna Selection (DTAS) Under Performance or Energy Consumption Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 1168-1173	9.6	24
55	Performance Analysis of Two-User Cooperation Diversity. <i>IEEE Vehicular Technology Conference</i> , 2008 ,	0.1	2
54	Performance of the decorrelating multiuser detector in a correlated fading environment. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 5091-5099	9.6	3
53	Distribution of Inner Product of Two Complex Gaussian Vectors and its Application to MPSK Performance 2008 ,		17
52	Performance Analysis of Free-Space Optical Systems in Gamma-Gamma Fading 2008 ,		16
51	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1125-1132	9.6	2
50	Optimal Receiver for MPSK Signaling with Imperfect Channel Estimation 2007 ,		2
49	An Analytical Approach to Space-Time Block Coding With Decision Feedback Channel Estimation. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 1442-1447	6.8	
48	Multiuser Detection Techniques for TH-PPM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 2915-2921	6.8	1
47	Analysis of Wavelet Modulation in Frequency-Selective Fading. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3818-3826	6.8	6
46	Bounds on the inverses of nonnegative triangular matrices with monotonicity properties. <i>Linear and Multilinear Algebra</i> , 2007 , 55, 365-379	0.7	4
45	A Tight Upper Bound on the PEP of a Space-Time Coded System. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 3238-3247	9.6	4
44	The Uniform Correlation Matrix and its Application to Diversity. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1619-1625	9.6	15
43	Bounds for multihop relayed communications in nakagami-m fading. <i>IEEE Transactions on Communications</i> , 2006 , 54, 18-22	6.9	267
42	Exact error performance of square orthogonal space- time block coding with channel estimation. <i>IEEE Transactions on Communications</i> , 2006 , 54, 430-437	6.9	13
41	Performance of the MMSE multiuser detector with equicorrelated signatures. <i>IEEE Transactions on Communications</i> , 2006 , 54, 1360-1364	6.9	2
40	Optimized diversity combining with imperfect channel estimation. <i>IEEE Transactions on Information Theory</i> , 2006 , 52, 1176-1184	2.8	16
39	A Tight Upper Bound on the PEP of a Space-Time Coded System 2006 ,		1

38	WLC41-1: An Optimized User Selection Method for Cooperative Diversity Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM), 2006,</i>		21
37	Optimum combining with correlated interference. <i>IEEE Transactions on Wireless Communications, 2005, 4, 2340-2348</i>	9.6	13
36	Performance analysis of space-time coding with imperfect channel estimation. <i>IEEE Transactions on Wireless Communications, 2005, 4, 257-265</i>	9.6	42
35	Minimum selection GSC in independent Rayleigh fading. <i>IEEE Transactions on Vehicular Technology, 2005, 54, 1013-1021</i>	6.8	32
34	Analysis of minimum selection H-S/MRC in Rayleigh fading. <i>IEEE Transactions on Communications, 2005, 53, 780-784</i>	6.9	13
33	2005,		6
32	Channel Capacity of Adaptive Transmission With Maximal Ratio Combining in Correlated Rayleigh Fading. <i>IEEE Transactions on Wireless Communications, 2004, 3, 1124-1133</i>	9.6	83
31	A joint performance measure for the decorrelating multiuser detector. <i>IEEE Transactions on Wireless Communications, 2004, 3, 1024-1030</i>	9.6	7
30	Minimum probability of error-based methods for adaptive multiuser detection in multipath DS-CDMA channels. <i>IEEE Transactions on Wireless Communications, 2004, 3, 939-948</i>	9.6	13
29	Bit-error probability for optimum combining of binary signals in the presence of interference and noise. <i>IEEE Transactions on Wireless Communications, 2004, 3, 395-407</i>	9.6	33
28	Analysis of minimum selection GSC in Rayleigh fading 2004,		12
27	Analysis of K-Transmit Dual-Receive Diversity with Cochannel Interferers over a Rayleigh Fading Channel. <i>Wireless Personal Communications, 2003, 25, 87-100</i>	1.9	21
26	Analysis of Performance of BPSK in an Additive Combination of Impulsive and Gaussian Noise. <i>Wireless Personal Communications, 2003, 26, 1-15</i>	1.9	2
25	Analysis of transmit-receive diversity in Rayleigh fading. <i>IEEE Transactions on Communications, 2003, 51, 694-703</i>	6.9	286
24	On multivariate Rayleigh and exponential distributions. <i>IEEE Transactions on Information Theory, 2003, 49, 1499-1515</i>	2.8	132
23	The pseudo-Wishart distribution and its application to MIMO systems. <i>IEEE Transactions on Information Theory, 2003, 49, 2761-2769</i>	2.8	49
22	. <i>IEEE Transactions on Communications, 2003, 51, 296-307</i>	6.9	58
21	. <i>IEEE Transactions on Communications, 2003, 51, 1721-1729</i>	6.9	6

20	On the impulse response of a discrete-time linear IIR system 2003 , 13, 128-143		4
19	Capacity of RAKE reception with energy randomization. <i>IEEE Communications Letters</i> , 2003 , 7, 364-366	3.8	1
18	Higher order statistics of antenna subset diversity. <i>IEEE Transactions on Wireless Communications</i> , 2003 , 2, 871-875	9.6	34
17	Error analysis of noncoherent M-ary FSK with postdetection EGC over correlated Nakagami and Rician channels. <i>IEEE Transactions on Communications</i> , 2002 , 50, 378-383	6.9	19
16	Performance of dual-diversity predetection EGC in correlated Rayleigh fading with unequal branch SNRs. <i>IEEE Transactions on Communications</i> , 2002 , 50, 1041-1044	6.9	65
15	. <i>IEEE Transactions on Communications</i> , 2002 , 50, 1372-1383	6.9	82
14	Analysis of RAKE reception with MRC and imperfect weight estimation for binary coherent orthogonal signaling. <i>IEEE Communications Letters</i> , 2002 , 6, 245-247	3.8	6
13	The inverse of a tridiagonal matrix. <i>Linear Algebra and Its Applications</i> , 2001 , 325, 109-139	0.9	60
12	. <i>IEEE Transactions on Communications</i> , 2000 , 48, 1360-1373	6.9	40
11	Error probability of binary NFSK and DPSK with postdetection combining over correlated Rician channels. <i>IEEE Transactions on Communications</i> , 2000 , 48, 1975-1978	6.9	17
10	On the Solution of a Linear Homogeneous Difference Equation with Variable Coefficients. <i>SIAM Journal on Mathematical Analysis</i> , 2000 , 31, 375-385	1.7	15
9	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2000 , 36, 1391-1396	3.7	23
8	Solutions of Linear Difference Equations with Variable Coefficients. <i>Journal of Mathematical Analysis and Applications</i> , 1998 , 222, 79-91	1.1	31
7	On the solution of a third order linear homogeneous difference equation with variable coefficients. <i>Journal of Difference Equations and Applications</i> , 1998 , 4, 501-521	1	5
6	DOA estimation by least squares approach. <i>Electronics Letters</i> , 1998 , 34, 1187	1.1	1
5	On the Solution of a Second Order Linear Homogeneous Difference Equation with Variable Coefficients. <i>Journal of Mathematical Analysis and Applications</i> , 1997 , 215, 32-47	1.1	25
4	Performance analysis of space-time coding with imperfect channel estimation		6
3	Exact analysis of optimum combining in interference and noise over a Rayleigh fading channel		7

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|---|--|----|
| 2 | A new approach to the performance analysis of DS-CDMA systems over fading channels | 3 |
| 1 | Channel capacity in evenly correlated Rayleigh fading with different adaptive transmission schemes and maximal ratio combining | 14 |