

Ranjan K Mallik

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2495447/ranjan-k-mallik-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
198	Analysis of transmit-receive diversity in Rayleigh fading. <i>IEEE Transactions on Communications</i> , 2003 , 51, 694-703	6.9	286
197	Bounds for multihop relayed communications in nakagami-m fading. <i>IEEE Transactions on Communications</i> , 2006 , 54, 18-22	6.9	267
196	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
195	On multivariate Rayleigh and exponential distributions. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 1499-1515	2.8	132
194	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
193	. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 6054-6067	9.6	120
192	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
191	Channel Capacity of Adaptive Transmission With Maximal Ratio Combining in Correlated Rayleigh Fading. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 1124-1133	9.6	83
190	. <i>IEEE Transactions on Communications</i> , 2002 , 50, 1372-1383	6.9	82
189	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
188	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
187	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
186	The inverse of a tridiagonal matrix. <i>Linear Algebra and Its Applications</i> , 2001 , 325, 109-139	0.9	60
185	. <i>IEEE Transactions on Communications</i> , 2003 , 51, 296-307	6.9	58
184	. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2147-2158	6.9	50
183	The pseudo-Wishart distribution and its application to MIMO systems. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 2761-2769	2.8	49

182	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5681-5691	9.6	47
181	A Machine Learning Approach for Power Allocation in HetNets Considering QoS 2018 ,		45
180	. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2337-2345	6.9	43
179	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
178	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 732-743	6.8	42
177	Performance analysis of space-time coding with imperfect channel estimation. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 257-265	9.6	42
176	. <i>IEEE Transactions on Communications</i> , 2000 , 48, 1360-1373	6.9	40
175	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
174	Beamforming and Combining in Two-Way AF MIMO Relay Networks. <i>IEEE Communications Letters</i> , 2013 , 17, 1400-1403	3.8	39
173	Cooperative spectrum sensing with an improved energy detector in cognitive radio network 2011 ,		39
172	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3151-3161	9.6	39
171	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
170	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2826-2839	6.9	37
169	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
168	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
167	Higher order statistics of antenna subset diversity. <i>IEEE Transactions on Wireless Communications</i> , 2003 , 2, 871-875	9.6	34
166	Bit-error probability for optimum combining of binary signals in the presence of interference and noise. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 395-407	9.6	33
165	. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4911-4922	9.6	32

164	Minimum selection GSC in independent Rayleigh fading. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 1013-1021	6.8	32
163	. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2611-2620	6.9	31
162	Solutions of Linear Difference Equations with Variable Coefficients. <i>Journal of Mathematical Analysis and Applications</i> , 1998 , 222, 79-91	1.1	31
161	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 11011-11022	6.8	30
160	Optimization of Cooperative Spectrum Sensing with an Improved Energy Detector over Imperfect Reporting Channels 2011 ,		30
159	. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 4388-4399	6.8	26
158	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
157	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
156	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
155	Sensing Time and Power Optimization in MIMO Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3398-3408	9.6	23
154	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
153	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2000 , 36, 1391-1396	3.7	23
152	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3331-3341	6.8	22
151	Coverage and Interference in D2D Networks With Poisson Cluster Process. <i>IEEE Communications Letters</i> , 2018 , 22, 1098-1101	3.8	21
150	WLC41-1: An Optimized User Selection Method for Cooperative Diversity Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		21
149	Analysis of K-Transmit Dual-Receive Diversity with Cochannel Interferers over a Rayleigh Fading Channel. <i>Wireless Personal Communications</i> , 2003 , 25, 87-100	1.9	21
148	Performance of a PLC system in impulsive noise with selection combining 2012 ,		20
147	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

146	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
145	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 4997-5010	6.9	18
144	Hybrid Coherent/Energy Detection for Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 1594-1605	9.6	18
143	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
142	Impact of Primary Network on Secondary Network With Generalized Selection Combining. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	17
141	Performance of Full CSI Selection Combining for Cooperative Diversity Systems. <i>IEEE Transactions on Communications</i> , 2012 , 60, 2482-2488	6.9	17
140	Power Allocation in Energy Harvesting Relay Systems 2012 ,		17
139	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
138	Distribution of Inner Product of Two Complex Gaussian Vectors and its Application to MPSK Performance 2008 ,		17
137	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
136	Performance Analysis of Free-Space Optical Systems in Gamma-Gamma Fading 2008 ,		16
135	Optimized diversity combining with imperfect channel estimation. <i>IEEE Transactions on Information Theory</i> , 2006 , 52, 1176-1184	2.8	16
134	Modeling and performance analysis of a PLC system in presence of impulsive noise 2015 ,		15
133	The Uniform Correlation Matrix and its Application to Diversity. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1619-1625	9.6	15
132	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
131	2016 ,		15
130	Channel capacity in evenly correlated Rayleigh fading with different adaptive transmission schemes and maximal ratio combining		14
129	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

128	Joint channel estimation and decoding of space-time block codes in AF MIMO relay networks 2012,		13
127	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
126	Optimum combining with correlated interference. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 2340-2348	9.6	13
125	Minimum probability of error-based methods for adaptive multiuser detection in multipath DS-CDMA channels. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 939-948	9.6	13
124	Analysis of minimum selection H-S/MRC in Rayleigh fading. <i>IEEE Transactions on Communications</i> , 2005 , 53, 780-784	6.9	13
123	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
122	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
121	. <i>IEEE Transactions on Communications</i> , 2011 , 59, 2119-2131	6.9	12
120	Analysis of minimum selection GSC in Rayleigh fading 2004,		12
119	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
118	. <i>IEEE Transactions on Communications</i> , 2011 , 59, 1742-1751	6.9	11
117	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
116	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
115	. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3079-3094	6.9	9
114	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3057-3067	6.8	9
113	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 4690-4705	9.6	9
112	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
111	Diversity combining in FSO systems in presence of non-Gaussian noise 2012,		9

110	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
109	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
108	Effect of Molecular Noise in Diffusion-Based Molecular Communication. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 489-492	5.9	8
107	Performance analysis of multiple sample based improved energy detector in collaborative CR networks 2013 ,		8
106	Outage probability of Amplify-and-Forward two-way cooperative systems in presence of multiple co-channel interferers 2013 ,		8
105	Power Control for Relay-Assisted Wireless Systems with General Relaying 2010 ,		8
104	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
103	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
102	. <i>IEEE Transactions on Communications</i> , 2015 , 63, 1245-1258	6.9	7
101	Solutions of Differential Difference Equations Arising from Mathematical Models of Granulocytopoiesis. <i>Differential Equations and Dynamical Systems</i> , 2014 , 22, 33-49	0.8	7
100	Threshold optimization of finite sample based cognitive radio network 2012 ,		7
99	Linear detection for the nonorthogonal amplify and forward protocol. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 826-835	9.6	7
98	Analysis and relay placement for DF cooperative BICM-OFDM systems 2011 ,		7
97	A joint performance measure for the decorrelating multiuser detector. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 1024-1030	9.6	7
96	Exact analysis of optimum combining in interference and noise over a Rayleigh fading channel		7
95	Performance analysis of diffusive molecular timing channels. <i>IET Communications</i> , 2019 , 13, 3059-3067	1.3	7
94	Asymptotic Performance of Generalized Selection Combining in Generic Noise and Fading. <i>IEEE Transactions on Communications</i> , 2012 , 60, 916-922	6.9	6
93	Incremental Selective Decode-and-Forward Relaying for Power Line Communication 2017 ,		6

92	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
91	Analysis of Wavelet Modulation in Frequency-Selective Fading. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3818-3826	6.8	6
90	. <i>IEEE Transactions on Communications</i> , 2003 , 51, 1721-1729	6.9	6
89	2005 ,		6
88	Performance analysis of space-time coding with imperfect channel estimation		6
87	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
86	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 4067-4079	9.6	5
85	Secrecy Outage Performance of SWIPT Cognitive Radio Network With Imperfect CSI. <i>IEEE Access</i> , 2020 , 8, 3911-3919	3.5	5
84	Cooperative NOMA with AF Relaying over Nakagami-m Fading in a D2D Network 2019 ,		5
83	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3180-3193	9.6	5
82	Optimisation of power allocation for asymmetric relay placement in multi-hop relay systems. <i>IET Communications</i> , 2013 , 7, 128-136	1.3	5
81	Single-Relay Cooperative Diversity with Scaled Selection Combining. <i>IEEE Transactions on Communications</i> , 2011 , 59, 701-707	6.9	5
80	Beamforming and combining based on estimated channels in cooperative relay networks 2012 ,		5
79	Duopoly price competition of WLAN service providers in presence of heterogeneous user demand 2012 ,		5
78	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
77	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9893-9907	10.7	4
76	Transmitter IQ Imbalance Pre-Compensation for mm-wave Hybrid Beamforming Systems 2020 ,		4
75	Secrecy outage of TAS/GSC in Nakagami-m fading channels 2014 ,		4

74	2012,		4
73	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
72	Amplify-and-Forward Cooperative Diversity for BICM-OFDM Systems 2010,		4
71	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
70	Bounds on the inverses of nonnegative triangular matrices with monotonicity properties. <i>Linear and Multilinear Algebra</i> , 2007 , 55, 365-379	0.7	4
69	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
68	On the impulse response of a discrete-time linear IIR system 2003 , 13, 128-143		4
67	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
66	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 2204-2219	6.9	4
65	Molecular Communication: The First Arrival Position Channel. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 508-511	5.9	4
64	Incremental Relaying for Power Line Communications: Performance Analysis and Power Allocation. <i>IEEE Systems Journal</i> , 2019 , 13, 4236-4247	4.3	4
63	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
62	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4345-4360	6.9	3
61	Voltage control of a DC microgrid with double-input converter in a multi-PV scenario using PLC 2016,		3
60	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
59	Performance analysis of a multi-relay cooperative diversity network with decode and forward relaying 2010,		3
58	Performance Analysis of a Multi-Hop Communication System with Decode-and-Forward Relaying 2011,		3
57	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

56	A new approach to the performance analysis of DS-CDMA systems over fading channels		3
55	. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2019 , 5, 222-232	2.3	3
54	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
53	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
52	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 1732-1744	6.9	2
51	Generalized selection combining in cognitive MIMO relay networks 2014 ,		2
50	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
49	Asymptotic analysis for dual-hop communication networks with PSK and imperfect CSI 2014 ,		2
48	Network Coded Cooperative BICM-OFDM 2011 ,		2
47	Hybrid Coherent/Energy Detection for Cognitive Radio Networks 2010 ,		2
46	Randomized Power Control for Two-Hop Interference Channels. <i>IEEE Communications Letters</i> , 2010 , 14, 1128-1130	3.8	2
45	Coded cooperation for BICM-OFDM 2012 ,		2
44	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
43	Deterministic Linear Combining Receivers for Random Fading Channels. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2630-2638	6.9	2
42	Performance Analysis of Two-User Cooperation Diversity. <i>IEEE Vehicular Technology Conference</i> , 2008 ,	0.1	2
41	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1125-1132	9.6	2
40	Optimal Receiver for MPSK Signaling with Imperfect Channel Estimation 2007 ,		2
39	Performance of the MMSE multiuser detector with equicorrelated signatures. <i>IEEE Transactions on Communications</i> , 2006 , 54, 1360-1364	6.9	2

38	Analysis of Performance of BPSK in an Additive Combination of Impulsive and Gaussian Noise. <i>Wireless Personal Communications</i> , 2003 , 26, 1-15	1.9	2
37	Characterizing the Probability of Collision Between Information Particles in Molecular Communications. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1252-1255	5.9	2
36	Priority-based max-link relay selection scheme for buffer-aided DF cooperative networks 2018 ,		2
35	Performance of MRC and ZF Receivers in IQ-Impaired Uplink Massive MIMO Systems 2021 ,		2
34	MIMO Terahertz Quantum Key Distribution. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	2
33	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
32	SLNC for Multi-Source Multi-Relay BICM-OFDM Systems. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 2096-2112	9.6	1
31	WLAN Service Providers' Price Competition with Uncertainty in User Demand. <i>IEEE Communications Letters</i> , 2013 , 17, 517-520	3.8	1
30	2013 ,		1
29	. <i>IEEE Transactions on Communications</i> , 2013 , 61, 344-356	6.9	1
28	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 1911-1921	9.6	1
27	Game-Theoretic Resource Allocation for Two-Hop Interference Channels 2010 ,		1
26	Cooperative BICM-OFDM: Sub-carrier and power allocation 2010 ,		1
25	Deterministic processing for MIMO systems 2010 ,		1
24	Asymptotic Performance of Lp-Norm MIMO Detection 2010 ,		1
23	Sensing time and power optimization in MIMO cognitive radio networks 2012 ,		1
22	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
21	A Tight Upper Bound on the PEP of a Space-Time Coded System 2006 ,		1

20	Multiuser Detection Techniques for TH-PPM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 2915-2921	6.8	1
19	Capacity of RAKE reception with energy randomization. <i>IEEE Communications Letters</i> , 2003 , 7, 364-366	3.8	1
18	DOA estimation by least squares approach. <i>Electronics Letters</i> , 1998 , 34, 1187	1.1	1
17	Compensation of Receiver IQ Imbalance in mm-wave Hybrid Beamforming Systems 2020 ,		1
16	Buffer-Aided Max-Link Relay Selection in Multi-Hop DF Cooperative Networks 2016 ,		1
15	Buffer-Aided DF Relaying Network with CCI 2019 ,		1
14	. <i>IEEE Access</i> , 2021 , 9, 98231-98248	3.5	1
13	Exact Expressions for PAPR Statistics in Low Number Subcarrier Multicarrier Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 938-942	5.9	0
12	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
11	Machine Learning Based Parameter Estimation of Gaussian Quantum States. <i>IEEE Transactions on Quantum Engineering</i> , 2021 , 1-1	2.9	0
10	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
9	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1750-1764	6.9	0
8	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
7	Wireless local area network service providers' price competition in presence of heterogeneous user demand. <i>IET Communications</i> , 2013 , 7, 2113-2121	1.3	
6	Error Rate Performance of Multilevel Signals with Coherent Detection. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2188-2192	6.9	
5	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	
4	Beamforming based Mitigation of Hovering Inaccuracy in UAV-Aided RFET. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	
3	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	

- | | | |
|---|---|-----|
| 2 | On the Average Harvested Energy of Directive Lightwave Power Transfer (DLPT). <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1508-1512 | 5.9 |
| 1 | Rayleigh Fading Channel Capacity for Coherent Signaling With Asymmetric Constellations. <i>IEEE Transactions on Communications</i> , 2022 , 1-1 | 6.9 |