

# Sami Muhaidat

## List of Publications by Year in descending order

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252  
papers

5,213  
citations

94269

37  
h-index

118652

62  
g-index

255  
all docs

255  
docs citations

255  
times ranked

4107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Machine Learning for Big Data: A Review. Big Data Research, 2015, 2, 87-93.	2.6	425
2	Non-Orthogonal Multiple Access for Visible Light Communications. IEEE Photonics Technology Letters, 2016, 28, 51-54.	1.3	299
3	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. IEEE Access, 2020, 8, 174792-174820.	2.6	192
4	Equalization Techniques for Distributed Space-Time Block Codes With Amplify-and-Forward Relaying. IEEE Transactions on Signal Processing, 2007, 55, 1839-1852.	3.2	136
5	Massive MIMO Performance With Imperfect Channel Reciprocity and Channel Estimation Error. IEEE Transactions on Communications, 2017, 65, 3734-3749.	4.9	130
6	On the Performance of Visible Light Communication Systems With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2017, 16, 6350-6364.	6.1	129
7	Impact of receive diversity on the performance of amplify-and-forward relaying under APS and IPS power constraints. IEEE Communications Letters, 2006, 10, 468-470.	2.5	117
8	Data Randomization and Cluster-Based Partitioning for Botnet Intrusion Detection. IEEE Transactions on Cybernetics, 2016, 46, 1796-1806.	6.2	109
9	Optical Non-Orthogonal Multiple Access for Visible Light Communication. IEEE Wireless Communications, 2018, 25, 82-88.	6.6	100
10	Deep-Structured Machine Learning Model for the Recognition of Mixed-Defect Patterns in Semiconductor Fabrication Processes. IEEE Transactions on Semiconductor Manufacturing, 2018, 31, 315-322.	1.4	92
11	Error Probability Analysis of Non-Orthogonal Multiple Access Over Nakagami- $m$ Fading Channels. IEEE Transactions on Communications, 2019, 67, 1586-1599.	4.9	91
12	RF-powered cognitive radio networks: technical challenges and limitations. , 2015, 53, 94-100.		89
13	Simplified Subspaced Regression Network for Identification of Defect Patterns in Semiconductor Wafer Maps. IEEE Transactions on Industrial Informatics, 2015, 11, 1267-1276.	7.2	71
14	Task Scheduling for Mobile Edge Computing Using Genetic Algorithm and Conflict Graphs. IEEE Transactions on Vehicular Technology, 2020, 69, 8805-8819.	3.9	70
15	Multiple Access for Visible Light Communications: Research Challenges and Future Trends. IEEE Access, 2018, 6, 26167-26174.	2.6	67
16	Error Performance of NOMA-Based Cognitive Radio Networks With Partial Relay Selection and Interference Power Constraints. IEEE Transactions on Communications, 2020, 68, 765-777.	4.9	67
17	Cooperative Diversity with Multiple-Antenna Nodes in Fading Relay Channels. IEEE Transactions on Wireless Communications, 2008, 7, 3036-3046.	6.1	66
18	Relay Selection in Dual-Hop Vehicular Networks. IEEE Signal Processing Letters, 2011, 18, 134-137.	2.1	66

#	ARTICLE	IF	CITATIONS
19	Effects of RF Impairments in Communications Over Cascaded Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 8878-8894.	3.9	65
20	Intelligent Reflecting Surfaces Assisted UAV Communications for IoT Networks: Performance Analysis. IEEE Transactions on Green Communications and Networking, 2021, 5, 1029-1040.	3.5	62
21	Popularity-Based Video Caching Techniques for Cache-Enabled Networks: A Survey. IEEE Access, 2019, 7, 27699-27719.	2.6	60
22	Randomized General Regression Network for Identification of Defect Patterns in Semiconductor Wafer Maps. IEEE Transactions on Semiconductor Manufacturing, 2015, 28, 145-152.	1.4	57
23	On the Sum of Fisher's and Snedecor's $F$ Variates and Its Application to Maximal-Ratio Combining. IEEE Wireless Communications Letters, 2018, 7, 966-969.	3.2	57
24	Amplify-and-Forward Selection Cooperation over Rayleigh Fading Channels with Imperfect CSI. IEEE Transactions on Wireless Communications, 2012, 11, 199-209.	6.1	56
25	Modeling and Analysis of Wireless Channels via the Mixture of Gaussian Distribution. IEEE Transactions on Vehicular Technology, 2016, 65, 8309-8321.	3.9	56
26	Opportunistic Ambient Backscatter Communication in RF-Powered Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 413-426.	4.9	56
27	Machine-Learning-Based Feature Selection Techniques for Large-Scale Network Intrusion Detection. , 2014, , .		50
28	A Comprehensive Analysis of the Achievable Channel Capacity in $F$ Composite Fading Channels. IEEE Access, 2019, 7, 34078-34094.	2.6	50
29	Effect of Feedback Delay on the Performance of Cooperative Networks with Relay Selection. IEEE Transactions on Wireless Communications, 2011, 10, 4161-4171.	6.1	47
30	Opportunistic Spectrum Access in Cognitive Radio Networks Under Imperfect Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2014, 63, 920-925.	3.9	46
31	On the Performance of Multihop-Intervehicular Communications Systems Over $n$ Rayleigh Fading Channels. IEEE Wireless Communications Letters, 2016, 5, 116-119.	3.2	44
32	Multiple Access in Aerial Networks: From Orthogonal and Non-Orthogonal to Rate-Splitting. IEEE Open Journal of Vehicular Technology, 2020, 1, 372-392.	3.4	44
33	Semi-supervised multi-layered clustering model for intrusion detection. Digital Communications and Networks, 2018, 4, 277-286.	2.7	43
34	Performance Analysis of FSO Communications Over $F$ Turbulence Channels With Pointing Errors. IEEE Communications Letters, 2021, 25, 926-930.	2.5	43
35	On Optimal Resource Allocation for Hybrid VLC/RF Networks With Common Backhaul. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 352-365.	4.9	42
36	Performance Analysis of Relay Selection With Feedback Delay and Channel Estimation Errors. IEEE Signal Processing Letters, 2011, 18, 67-70.	2.1	40

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37	Novel cross layer detection schemes to detect blackhole attack against QoS-OLSR protocol in VANET. Vehicular Communications, 2016, 5, 9-17.	2.7	39
38	Rate-Splitting Multiple Access: Unifying NOMA and SDMA in MISO VLC Channels. IEEE Open Journal of Vehicular Technology, 2020, 1, 393-413.	3.4	37
39	On the Downlink Performance of RSMA-Based UAV Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 16258-16263.	3.9	37
40	Solutions to Integrals Involving the Marcum $Q$ -Function and Applications. IEEE Signal Processing Letters, 2015, 22, 1752-1756.	2.1	35
41	Cache-Aided Non-Orthogonal Multiple Access for 5G-Enabled Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8359-8371.	3.9	35
42	Relay selection in cognitive radio networks with interference constraints. IET Communications, 2013, 7, 922-930.	1.5	34
43	MU-MIMO precoding for VLC with imperfect CSI. , 2015, , .		34
44	Entropy and Energy Detection-Based Spectrum Sensing Over $\mathcal{F}$ -Composite Fading Channels. IEEE Transactions on Communications, 2019, 67, 4641-4653.	4.9	34
45	Error Probability Analysis of NOMA-Based Relay Networks With SWIPT. IEEE Communications Letters, 2019, 23, 1223-1226.	2.5	34
46	Low-Complexity Power-Efficient Schedulers for LTE Uplink With Delay-Sensitive Traffic. IEEE Transactions on Vehicular Technology, 2015, 64, 4551-4564.	3.9	33
47	Energy Detection of Unknown Signals Over Cascaded Fading Channels. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 135-138.	2.4	33
48	Multi-Layered Clustering for Power Consumption Profiling in Smart Grids. IEEE Access, 2017, 5, 18459-18468.	2.6	33
49	Downlink Beamforming for SWIPT Multi-User MISO Underlay Cognitive Radio Networks. IEEE Communications Letters, 2017, 21, 434-437.	2.5	32
50	Unified Analysis of Cooperative Spectrum Sensing Over Composite and Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 6949-6961.	3.9	30
51	Performance Analysis of Non-Orthogonal Multiple Access Under I/Q Imbalance. IEEE Access, 2018, 6, 18453-18468.	2.6	30
52	A new mathematical analysis of the probability of detection in cognitive radio over fading channels. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	28
53	Large Intelligent Surface-Assisted Nonorthogonal Multiple Access for 6G Networks: Performance Analysis. IEEE Internet of Things Journal, 2021, 8, 5129-5140.	5.5	26
54	Error performance of NOMA VLC systems. , 2017, , .		24

#	ARTICLE	IF	CITATIONS
55	Non-Orthogonal Multiple Access for Hybrid VLC-RF Networks With Imperfect Channel State Information. IEEE Transactions on Vehicular Technology, 2021, 70, 398-411.	3.9	24
56	On the Approximate Analysis of Energy Detection Over $\alpha$ - $\kappa$ Rayleigh Fading Channels Through Cooperative Spectrum Sensing. IEEE Wireless Communications Letters, 2015, 4, 413-416.	3.2	23
57	A Novel Antenna Selection Scheme for Spatially Correlated Massive MIMO Uplinks with Imperfect Channel Estimation. , 2015, , .		23
58	Relay Selection Based Full-Duplex Cooperative Systems Under Adaptive Transmission. IEEE Wireless Communications Letters, 2017, 6, 602-605.	3.2	23
59	Cooperative Energy Harvesting Cognitive Radio Networks With Spectrum Sharing and Security Constraints. IEEE Access, 2019, 7, 173329-173343.	2.6	23
60	Optical wireless cochlear implants. Biomedical Optics Express, 2019, 10, 707.	1.5	23
61	Relay Selection Strategies for Single-Carrier Frequency-Domain Equalization Multi-Relay Cooperative Networks. IEEE Transactions on Wireless Communications, 2013, 12, 2034-2045.	6.1	22
62	Radio-Frequency Front-End Impairments: Performance Degradation in Nonorthogonal Multiple Access Communication Systems. IEEE Vehicular Technology Magazine, 2019, 14, 89-97.	2.8	21
63	A Novel Receiver Design for Single-Carrier Frequency Domain Equalization in Broadband Wireless Networks with Amplify-and-Forward Relaying. IEEE Transactions on Wireless Communications, 2011, 10, 721-727.	6.1	20
64	Achievable Physical-Layer Security Over Composite Fading Channels. IEEE Access, 2020, 8, 195772-195787.	2.6	20
65	Physical Layer Security of a Dual-Hop Regenerative Mixed RF/UOW System. IEEE Transactions on Sustainable Computing, 2021, 6, 90-104.	2.2	20
66	Performance Analysis of Differential Modulation in SWIPT Cooperative Networks. IEEE Signal Processing Letters, 2016, 23, 620-624.	2.1	18
67	Optical Adaptive Precoding for Visible Light Communications. IEEE Access, 2018, 6, 22121-22130.	2.6	18
68	On the Secrecy Capacity of Fisher-Snedecor F Fading Channels. , 2018, , .		18
69	Performance Analysis of SWIPT Relay Networks With Noncoherent Modulation. IEEE Transactions on Green Communications and Networking, 2018, 2, 1072-1086.	3.5	18
70	Effects of Residual Hardware Impairments on Secure NOMA-Based Cooperative Systems. IEEE Access, 2020, 8, 2524-2536.	2.6	18
71	Level Crossing Rate and Average Fade Duration in $\mathcal{F}$ Composite Fading Channels. IEEE Wireless Communications Letters, 2020, 9, 281-284.	3.2	18
72	Performance Analysis of Intelligent Reflecting Surface Aided Wireless Networks With Wireless Power Transfer. IEEE Communications Letters, 2021, 25, 793-797.	2.5	18

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73	Toward Federated-Learning-Enabled Visible Light Communication in 6G Systems. IEEE Wireless Communications, 2022, 29, 48-56.	6.6	18
74	Relay Selection with Imperfect CSI in Bidirectional Cooperative Networks. IEEE Communications Letters, 2012, 16, 57-59.	2.5	17
75	Effective Capacity Analysis Over Generalized Composite Fading Channels. IEEE Access, 2020, 8, 123756-123764.	2.6	17
76	Energy-Efficient Data Dissemination Using a UAV: An Ant Colony Approach. IEEE Wireless Communications Letters, 2021, 10, 16-20.	3.2	17
77	Multi-user techniques in visible light communications: A survey. , 2016, , .		16
78	Censor-Based Cooperative Multi-Antenna Spectrum Sensing with Imperfect Reporting Channels. IEEE Transactions on Sustainable Computing, 2020, 5, 48-60.	2.2	16
79	Pilot-symbol-assisted detection scheme for distributed orthogonal space-time block coding. IEEE Transactions on Wireless Communications, 2009, 8, 1057-1061.	6.1	15
80	The effects of RF impairments in vehicle-to-vehicle communications. , 2015, , .		15
81	Robust MIMO-OFDM System for Frequency-Selective Mobile Wireless Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 1739-1749.	3.9	15
82	Error Rate and Power Allocation Analysis of Regenerative Networks Over Generalized Fading Channels. IEEE Transactions on Communications, 2016, 64, 1751-1768.	4.9	15
83	Full-Duplex Regenerative Relaying and Energy-Efficiency Optimization Over Generalized Asymmetric Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 3232-3251.	6.1	15
84	On the Performance of Non-Orthogonal Multiple Access Systems with Imperfect Successive Interference Cancellation. , 2018, , .		15
85	An Outlook on the Interplay of Artificial Intelligence and Software-Defined Metasurfaces: An Overview of Opportunities and Limitations. IEEE Vehicular Technology Magazine, 2020, 15, 62-73.	2.8	15
86	Capacity Analysis of NOMA-Enabled Underwater VLC Networks. IEEE Access, 2021, 9, 153305-153315.	2.6	15
87	Carrier Aggregation for Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5904-5918.	3.9	14
88	Modulation Schemes for Visible Light Communications. , 2019, , .		14
89	Secrecy Outage Analysis for Alamouti Space-Time Block Coded Non-Orthogonal Multiple Access. IEEE Communications Letters, 2020, 24, 1405-1409.	2.5	14
90	Spectral Efficiency of Multi-Hop Millimeter Wave Networks Using $N^{\{m\}}$ Best Relay Routing Technique. IEEE Transactions on Vehicular Technology, 2020, 69, 9951-9959.	3.9	14

#	ARTICLE	IF	CITATIONS
91	Security Improvement for Energy Harvesting Based Overlay Cognitive Networks With Jamming-Assisted Full-Duplex Destinations. IEEE Transactions on Vehicular Technology, 2021, 70, 12232-12237.	3.9	14
92	On the Performance of Pilot Symbol Assisted Modulation for Cooperative Systems with Imperfect Channel Estimation. , 2010, , .		13
93	Cooperative cross layer detection for blackhole attack in VANET-OLSR. , 2014, , .		13
94	Toward Efficient Integration of Information and Energy Reception. IEEE Transactions on Communications, 2019, 67, 6572-6585.	4.9	13
95	Physical-Layer Security of SIMO Communication Systems over Multipath Fading Conditions. IEEE Transactions on Sustainable Computing, 2021, 6, 105-118.	2.2	13
96	Unified Analysis of Diversity Reception in the Presence of Impulsive Noise. IEEE Transactions on Vehicular Technology, 2017, 66, 1408-1417.	3.9	12
97	Hybrid VLC&#x002F;RF Networks with Non-Orthogonal Multiple Access. , 2018, , .		12
98	Product and Ratio of Product of Fisher-Snedecor $\hat{\mu}, \pm$ Variates and Their Applications to Performance Evaluations of Wireless Communication Systems. IEEE Access, 2020, 8, 215267-215286.	2.6	12
99	SWIPT-Enabled Cooperative NOMA With $m$ Best Relay Selection. IEEE Open Journal of the Communications Society, 2020, 1, 1798-1807.	4.4	12
100	Non-Orthogonal Multiple Access with Wireless Caching for 5G-Enabled Vehicular Networks. IEEE Network, 2020, 34, 127-133.	4.9	12
101	Anti-Jamming Game to Combat Intelligent Jamming for Cognitive Radio Networks. IEEE Access, 2021, 9, 137941-137956.	2.6	12
102	Distortion exponents for decode-and-forward multi-relay cooperative networks. , 2009, , .		11
103	Transparent Amplify-and-Forward Relaying in MIMO Relay Channels. IEEE Transactions on Wireless Communications, 2010, 9, 3144-3154.	6.1	11
104	Relay selection in underlay cognitive radio networks. , 2012, , .		11
105	Indoor Multi-wall Path Loss Model at 1.93 GHz. , 2013, , .		11
106	Non-Orthogonal Multiple Access-Based Underwater VLC Systems in the Presence of Turbulence. IEEE Photonics Journal, 2022, 14, 1-7.	1.0	11
107	Outage Analysis of NOMA-Enabled Backscatter Communications With Intelligent Reflecting Surfaces. IEEE Internet of Things Journal, 2022, 9, 15390-15400.	5.5	11
108	Distributed Differential Space-Time Coding for Broadband Cooperative Networks. , 2009, , .		10

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109	Transmission of JPEG2000 images over frequency-selective channels with unequal power allocation. IET Image Processing, 2013, 7, 33-41.	1.4	10
110	Outage probability analysis of dual-hop full-duplex decode-and-forward relaying over generalized multipath fading conditions. , 2015, , .		10
111	Entropy and Channel Capacity under Optimum Power and Rate Adaptation over Generalized Fading Conditions. IEEE Signal Processing Letters, 2015, 22, 2162-2166.	2.1	10
112	The Nâ—Fisher-Snedecor F Cascaded Fading Model. , 2018, , .		10
113	Capacity analysis under generalized composite fading conditions. , 2018, , .		10
114	Error analysis of wireless transmission over generalized multipath/shadowing channels. , 2018, , .		10
115	Outage Performance of Relay-Assisted Single- and Dual-Stage NOMA Over Power Line Communications. IEEE Access, 2021, 9, 86358-86368.	2.6	10
116	Space-Time Block Coded Spatial Modulation for Indoor Visible Light Communications. IEEE Photonics Journal, 2022, 14, 1-11.	1.0	10
117	Amplify-and-Forward Selection Cooperation with Channel Estimation Error. , 2010, , .		9
118	Average capacity performance of opportunistic relay selection with outdated CSI. IET Communications, 2011, 5, 2339-2344.	1.5	9
119	Machine-Learning-Based Identification of Defect Patterns in Semiconductor Wafer Maps: An Overview and Proposal. , 2014, , .		9
120	Differential decoding for SFBC OFDM systems in underwater MIMO channels. , 2014, , .		9
121	Optimal cooperative spectrum sensing over composite fading channels. , 2015, , .		9
122	Performance Analysis of Semi-Coherent OFDM Systems With Imperfect Channel Estimates. IEEE Transactions on Vehicular Technology, 2018, 67, 10773-10787.	3.9	9
123	Analysis of Asymmetric Dual-Hop Energy Harvesting-Based Wireless Communication Systems in Mixed Fading Environments. IEEE Transactions on Green Communications and Networking, 2021, 5, 261-277.	3.5	9
124	Shortest Propagation Delay-Based Relay Selection for Underwater Acoustic Sensor Networks. IEEE Access, 2021, 9, 37923-37935.	2.6	9
125	A Generalized Mixture of Gaussians for Fading Channels. , 2015, , .		8
126	The effects of I/Q imbalance on wireless communications: A survey. , 2016, , .		8



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127	Ergodic Capacity Analysis of Wireless Transmission over Generalized Multipath/Shadowing Channels. , 2018, , .		8
128	Sensing-Throughput Tradeoff for Superior Selective Reporting-Based Spectrum Sensing in Energy Harvesting HCRNs. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 330-341.	4.9	8
129	Non-Orthogonal Multiple Access in the Presence of Additive Generalized Gaussian Noise. IEEE Communications Letters, 2020, 24, 2137-2141.	2.5	8
130	Performance Analysis of Coherent and Noncoherent Modulation Under I/Q Imbalance Effects. IEEE Access, 2021, 9, 36125-36139.	2.6	8
131	Battery Recharging Time Models for Reconfigurable Intelligent Surfaces-Assisted Wireless Power Transfer Systems. IEEE Transactions on Green Communications and Networking, 2022, 6, 1173-1185.	3.5	8
132	Time-Switching and Phase-Shifting Control for RIS-Assisted SWIPT Communications. IEEE Wireless Communications Letters, 2022, 11, 1728-1732.	3.2	8
133	Impact of imperfect channel estimation on the performance of inter-vehicular cooperative networks. , 2010, , .		7
134	An OFDM based system for transmission of JPEG2000 images using Unequal Power Allocation. , 2012, , .		7
135	A unified approach for representing wireless channels using EM-based finite mixture of gamma distributions. , 2014, , .		7
136	Performance Analysis of SWIPT Relaying Systems in the Presence of Impulsive Noise. IEEE Access, 2018, 6, 71662-71677.	2.6	7
137	Machine Learning-Based Massive Augmented Spatial Modulation (ASM) for IoT VLC Systems. IEEE Communications Letters, 2021, 25, 494-498.	2.5	7
138	A Low Complexity Two Stage MMSE-Based Receiver for Single-Carrier Frequency-Domain Equalization Transmissions over Frequency-Selective Channels. , 2009, , .		6
139	On the Performance of Imperfect Channel Estimation for Vehicular Ad-Hoc Networks. , 2010, , .		6
140	On the Distortion Exponents of Layered Broadcast Transmission in Multi-Relay Cooperative Networks. IEEE Transactions on Signal Processing, 2010, 58, 5340-5352.	3.2	6
141	Optical Asymmetric Modulation for VLC Systems - Invited Paper. , 2018, , .		6
142	A Robust and Energy Efficient NOMA-Enabled Hybrid VLC/RF Wireless Network. , 2019, , .		6
143	Error Analysis of NOMA-Based User Cooperation with SWIPT. , 2019, , .		6
144	Physical Layer Security For Dual-hop SWIPT-Enabled CR Networks. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
145	Error Probability Analysis of Non-Orthogonal Multiple Access for Relaying Networks with Residual Hardware Impairments. , 2019, , .		6
146	Energy Efficiency Analysis of Collaborative Compressive Sensing Scheme in Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 1056-1068.	4.9	6
147	Error Rate Analysis of Non-Orthogonal Multiple Access With Residual Hardware Impairments. IEEE Communications Letters, 2021, 25, 2522-2526.	2.5	6
148	Error rate performance of NOMA system with full-duplex cooperative relaying. Physical Communication, 2021, 49, 101447.	1.2	6
149	An Effective Spatial Modulation Based Scheme for Indoor VLC Systems. IEEE Photonics Journal, 2022, 14, 1-11.	1.0	6
150	Performance Analysis of Intelligent Reflecting Surface-Aided Decode-and-Forward UAV Communication Systems. IEEE Systems Journal, 2023, 17, 246-257.	2.9	6
151	Intelligent Consensus Modeling for Proline Cis-Trans Isomerization Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 26-32.	1.9	5
152	Unified analysis of cooperative spectrum sensing over generalized multipath fading channels. , 2015, , .		5
153	Performance of differential modulation under rf impairments. , 2017, , .		5
154	Outage Probability and Throughput of SWIPT Relay Networks with Differential Modulation. , 2017, , .		5
155	Evaluation of Parametric Statistical Models for Wind Speed Probability Density Estimation. , 2018, , .		5
156	Performance Analysis of Single Carrier Coherent and Noncoherent Modulation under I/Q Imbalance. , 2018, , .		5
157	Intercept Probability of Underlay Uplink CRNs with Multi-Eavesdroppers. , 2019, , .		5
158	Rate-Splitting Multiple Access for Indoor Visible Light Communication Networks. , 2021, , .		5
159	Outage Probability of Selection Cooperation with Channel Estimation Errors. , 2010, , .		4
160	Intra-frequency handover algorithm design in LTE networks using Doppler frequency estimation. , 2012, , .		4
161	Outage Probability Analysis of Full-Duplex Regenerative Relaying over Generalized Asymmetric Fading Channels. , 2015, , .		4
162	Analytic symbol error rate evaluation of M-PSK based regenerative cooperative networks over generalized fading channels. , 2015, , .		4

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163	Randomized Subspace Learning for Proline Cis-Trans Isomerization Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 763-769.	1.9	4
164	Underlay cognitive radio: What is the impact of carrier aggregation and relaying on throughput?. , 2016, , .		4
165	Self-Calibration for Massive MIMO with Channel Reciprocity and Channel Estimation Errors. , 2018, , .		4
166	Outage probability of multi-carrier NOMA systems under joint I/Q imbalance. , 2018, , .		4
167	Pairwise Error Probability of Non-Orthogonal Multiple Access with I/Q Imbalance. , 2019, , .		4
168	Space Shift Keying Modulation in Non-Orthogonal Multiple Access Hybrid Visible Light Communication Systems (Invited Paper). , 2020, , .		4
169	Outage Performance of Relay-Assisted NOMA Over Power Line Communications. , 2020, , .		4
170	Generalized Space Shift Keying for Ambient Backscatter Communication. IEEE Transactions on Communications, 2022, 70, 5018-5029.	4.9	4
171	Adaptive interference cancellation system for a WCDMA repeater. , 2010, , .		3
172	Performance Analysis and Power Allocation of Multi-Hop Multi-Branch Relays with Data Storage over Generalized Fading Channels. , 2012, , .		3
173	Noncoherent relay selection for bidirectional cooperative networks. , 2012, , .		3
174	An efficient approximation of $Q(x)$ function and general BER performance analysis. , 2013, , .		3
175	Doppler frequency estimation-based handover algorithm for long-term evolution networks. IET Networks, 2014, 3, 88-96.	1.1	3
176	Performance analysis of energy detection over mixture gamma based fading channels with diversity reception. , 2015, , .		3
177	Distributed Differential Modulation Over Asymmetric Fading Channels. IEEE Signal Processing Letters, 2016, 23, 1712-1716.	2.1	3
178	Blind Channel Estimation Technique for OFDM Systems over Time Varying Channels. , 2018, , .		3
179	Outage probability of single carrier NOMA systems under I/Q imbalance. , 2018, , .		3
180	Physical-Layer Security over Generalized SIMO Multipath Fading Channels. , 2019, , .		3

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181	DBmmWave: Chance-Constrained Joint AP Deployment and Beam Steering in mmWave Networks With Coverage Probability Constraints. IEEE Networking Letters, 2019, 1, 151-155.	1.5	3
182	On the Secrecy Analysis of Dual-Hop Underlay Multi-Source CRNs with Multi-Eavesdroppers and a Multi-Antenna Destination. , 2019, , .		3
183	Opportunistic Ambient Backscatter Communication in RF-Powered Cognitive Radio Networks. , 2019, , .		3
184	The $\alpha$ - $\beta$ - $\gamma$ -F Composite Fading Distribution. IEEE Wireless Communications Letters, 2020, 9, 2182-2186.	3.2	3
185	Capacity Analysis of Non-Orthogonal Multiple Access Systems over N-Nakagami Fading Channels for 5G and Beyond. , 2020, , .		3
186	MDC-NOMA: Multiple Description Coding-Based Nonorthogonal Multiple Access for Image Transmission. IEEE Systems Journal, 2021, 15, 3632-3641.	2.9	3
187	A Survey of FDD-Based Channel Estimation Schemes With Coordinated Multipoint. IEEE Systems Journal, 2022, 16, 4563-4573.	2.9	3
188	NOMA-Based User Cooperation With Incremental Hybrid Forwarding Protocols. IEEE Open Journal of the Communications Society, 2021, 2, 2536-2546.	4.4	3
189	Performance of Reconfigurable Intelligent Surfaces in the Presence of Generalized Gaussian Noise. IEEE Communications Letters, 2022, 26, 773-777.	2.5	3
190	Performance of Non-Orthogonal Multiple Access (NOMA) Systems Over $N$ -Nakagami- $m$ Multipath Fading Channels for 5G and Beyond. IEEE Transactions on Vehicular Technology, 2022, 71, 11615-11623.	3.9	3
191	Selection Cooperation with Transparent Amplify-and-Forward Relaying in MIMO Relay Channels. , 2009, , .		2
192	Distortion Exponents for Multi-Relay Cooperative Networks with Limited Feedback. IEEE Transactions on Vehicular Technology, 2010, 59, 3417-3426.	3.9	2
193	A New Receiver Design for Single-Carrier Frequency Domain Equalization in Broadband Cooperative Wireless Networks. , 2010, , .		2
194	A new reduced-complexity detection scheme for zero-padded OFDM transmissions. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	2
195	Single-carrier frequency-domain equalization for multi-relay cooperative systems with relay selection. , 2011, , .		2
196	Multiuser Two-way relaying with power control for SC-FDE systems. , 2013, , .		2
197	Centralized cooperative spectrum sensing with multiple antennas over imperfect feedback channels. , 2014, , .		2
198	Differential distributed space-time coding for vehicle-to-vehicle networks. , 2015, , .		2

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199	Error analysis of differentially modulated cooperative systems under generalized fading. , 2016, , .		2
200	Outage probability under I/Q imbalance and cascaded fading effects. , 2016, , .		2
201	Energy Efficiency Analysis of Collaborative Compressive Sensing for Cognitive Radio Networks. , 2018, , .		2
202	A Self-Calibration Scheme for TDD Massive MIMO with Imperfect Channel Estimation. , 2018, , .		2
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