

Sami Muhaidat

List of Publications by Year in descending order

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252
papers

5,213
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docs citations

255
times ranked

4107
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of Intelligent Reflecting Surface-Aided Decode-and-Forward UAV Communication Systems. IEEE Systems Journal, 2023, 17, 246-257.	4.6	6
2	Battery Recharging Time Models for Reconfigurable Intelligent Surfaces-Assisted Wireless Power Transfer Systems. IEEE Transactions on Green Communications and Networking, 2022, 6, 1173-1185.	5.5	8
3	A Survey of FDD-Based Channel Estimation Schemes With Coordinated Multipoint. IEEE Systems Journal, 2022, 16, 4563-4573.	4.6	3
4	Space-Time Block Coded Spatial Modulation for Indoor Visible Light Communications. IEEE Photonics Journal, 2022, 14, 1-11.	2.0	10
5	Non-Orthogonal Multiple Access-Based Underwater VLC Systems in the Presence of Turbulence. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	11
6	Performance of Reconfigurable Intelligent Surfaces in the Presence of Generalized Gaussian Noise. IEEE Communications Letters, 2022, 26, 773-777.	4.1	3
7	STBC-Assisted MDC-NOMA Image Transmission Scheme for Multi-Antenna Systems. IEEE Transactions on Broadcasting, 2022, 68, 677-688.	3.2	1
8	An Effective Spatial Modulation Based Scheme for Indoor VLC Systems. IEEE Photonics Journal, 2022, 14, 1-11.	2.0	6
9	Outage Analysis of NOMA-Enabled Backscatter Communications With Intelligent Reflecting Surfaces. IEEE Internet of Things Journal, 2022, 9, 15390-15400.	8.7	11
10	Toward Federated-Learning-Enabled Visible Light Communication in 6G Systems. IEEE Wireless Communications, 2022, 29, 48-56.	9.0	18
11	Coordinated Beamforming Design for Multi-User Multi-Cell MIMO VLC Networks. IEEE Photonics Journal, 2022, 14, 1-10.	2.0	2
12	Generalized Space Shift Keying for Ambient Backscatter Communication. IEEE Transactions on Communications, 2022, 70, 5018-5029.	7.8	4
13	Time-Switching and Phase-Shifting Control for RIS-Assisted SWIPT Communications. IEEE Wireless Communications Letters, 2022, 11, 1728-1732.	5.0	8
14	Interference Management Strategies for Multiuser Multicell MIMO VLC Systems. IEEE Transactions on Communications, 2022, 70, 6002-6019.	7.8	1
15	Performance of Non-Orthogonal Multiple Access (NOMA) Systems Over α - β -Nakagami-m Multipath Fading Channels for 5G and Beyond. IEEE Transactions on Vehicular Technology, 2022, 71, 11615-11623.	6.3	3
16	Physical Layer Security of a Dual-Hop Regenerative Mixed RF/UOW System. IEEE Transactions on Sustainable Computing, 2021, 6, 90-104.	3.1	20
17	Physical-Layer Security of SIMO Communication Systems over Multipath Fading Conditions. IEEE Transactions on Sustainable Computing, 2021, 6, 105-118.	3.1	13
18	Machine Learning-Based Massive Augmented Spatial Modulation (ASM) for IoT VLC Systems. IEEE Communications Letters, 2021, 25, 494-498.	4.1	7

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19	Performance Analysis of Coherent and Noncoherent Modulation Under I/Q Imbalance Effects. IEEE Access, 2021, 9, 36125-36139.	4.2	8
20	Energy-Efficient Data Dissemination Using a UAV: An Ant Colony Approach. IEEE Wireless Communications Letters, 2021, 10, 16-20.	5.0	17
21	MDC-NOMA: Multiple Description Coding-Based Nonorthogonal Multiple Access for Image Transmission. IEEE Systems Journal, 2021, 15, 3632-3641.	4.6	3
22	Non-Orthogonal Multiple Access for Hybrid VLC-RF Networks With Imperfect Channel State Information. IEEE Transactions on Vehicular Technology, 2021, 70, 398-411.	6.3	24
23	Rate-Splitting Multiple Access for Indoor Visible Light Communication Networks. , 2021, , .		5
24	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.	5.5	9
25	Performance Analysis of FSO Communications Over F Turbulence Channels With Pointing Errors. IEEE Communications Letters, 2021, 25, 926-930.	4.1	43
26	Performance Analysis of Intelligent Reflecting Surface Aided Wireless Networks With Wireless Power Transfer. IEEE Communications Letters, 2021, 25, 793-797.	4.1	18
27	Large Intelligent Surface-Assisted Nonorthogonal Multiple Access for 6G Networks: Performance Analysis. IEEE Internet of Things Journal, 2021, 8, 5129-5140.	8.7	26
28	Sum Rate Analysis of Generalized Space Shift Keying-Aided MIMO-NOMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 7232-7236.	6.3	2
29	Error Rate Analysis of Non-Orthogonal Multiple Access With Residual Hardware Impairments. IEEE Communications Letters, 2021, 25, 2522-2526.	4.1	6
30	Intelligent Reflecting Surfaces Assisted UAV Communications for IoT Networks: Performance Analysis. IEEE Transactions on Green Communications and Networking, 2021, 5, 1029-1040.	5.5	62
31	Amplitude, phase, and quadrant (APQ) modulation for indoor visible light communications. Physical Communication, 2021, 48, 101440.	2.1	2
32	Error rate performance of NOMA system with full-duplex cooperative relaying. Physical Communication, 2021, 49, 101447.	2.1	6
33	Shortest Propagation Delay-Based Relay Selection for Underwater Acoustic Sensor Networks. IEEE Access, 2021, 9, 37923-37935.	4.2	9
34	Outage Performance of Relay-Assisted Single- and Dual-Stage NOMA Over Power Line Communications. IEEE Access, 2021, 9, 86358-86368.	4.2	10
35	Anti-Jamming Game to Combat Intelligent Jamming for Cognitive Radio Networks. IEEE Access, 2021, 9, 137941-137956.	4.2	12
36	Security Improvement for Energy Harvesting Based Overlay Cognitive Networks With Jamming-Assisted Full-Duplex Destinations. IEEE Transactions on Vehicular Technology, 2021, 70, 12232-12237.	6.3	14

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37	Capacity Analysis of NOMA-Enabled Underwater VLC Networks. IEEE Access, 2021, 9, 153305-153315.	4.2	15
38	NOMA-Based User Cooperation With Incremental Hybrid Forwarding Protocols. IEEE Open Journal of the Communications Society, 2021, 2, 2536-2546.	6.9	3
39	Battery Recharging Time-Based Routing for Power Constrained IoT Networks. , 2021, , .		1
40	Performance Evaluation of Relaying with Different Relay Selection Schemes in 5G NR V2X Communications. , 2021, , .		2
41	Censor-Based Cooperative Multi-Antenna Spectrum Sensing with Imperfect Reporting Channels. IEEE Transactions on Sustainable Computing, 2020, 5, 48-60.	3.1	16
42	Error Performance of NOMA-Based Cognitive Radio Networks With Partial Relay Selection and Interference Power Constraints. IEEE Transactions on Communications, 2020, 68, 765-777.	7.8	67
43	On Optimal Resource Allocation for Hybrid VLC/RF Networks With Common Backhaul. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 352-365.	7.9	42
44	Effects of Residual Hardware Impairments on Secure NOMA-Based Cooperative Systems. IEEE Access, 2020, 8, 2524-2536.	4.2	18
45	Level Crossing Rate and Average Fade Duration in \mathcal{F} Composite Fading Channels. IEEE Wireless Communications Letters, 2020, 9, 281-284.	5.0	18
46	Energy Efficiency Analysis of Collaborative Compressive Sensing Scheme in Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 1056-1068.	7.9	6
47	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.	3.4	15
48	Space Shift Keying Modulation in Non-Orthogonal Multiple Access Hybrid Visible Light Communication Systems (Invited Paper). , 2020, , .		4
49	Rate-Splitting Multiple Access: Unifying NOMA and SDMA in MISO VLC Channels. IEEE Open Journal of Vehicular Technology, 2020, 1, 393-413.	4.9	37
50	Multiple Access in Aerial Networks: From Orthogonal and Non-Orthogonal to Rate-Splitting. IEEE Open Journal of Vehicular Technology, 2020, 1, 372-392.	4.9	44
51	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. IEEE Access, 2020, 8, 174792-174820.	4.2	192
52	The $\hat{\Gamma}_\pm\hat{\Gamma}_\pm\hat{\Gamma}_\pm$ Composite Fading Distribution. IEEE Wireless Communications Letters, 2020, 9, 2182-2186.	5.0	3
53	Achievable Physical-Layer Security Over Composite Fading Channels. IEEE Access, 2020, 8, 195772-195787.	4.2	20
54	Product and Ratio of Product of Fisher-Snedecor $\hat{\chi}_\pm^2$ Variates and Their Applications to Performance Evaluations of Wireless Communication Systems. IEEE Access, 2020, 8, 215267-215286.	4.2	12

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55	SWIPT-Enabled Cooperative NOMA With m th Best Relay Selection. IEEE Open Journal of the Communications Society, 2020, 1, 1798-1807.	6.9	12
56	Outage Performance of Relay-Assisted NOMA Over Power Line Communications. , 2020, , .		4
57	Non-Orthogonal Multiple Access in the Presence of Additive Generalized Gaussian Noise. IEEE Communications Letters, 2020, 24, 2137-2141.	4.1	8
58	Task Scheduling for Mobile Edge Computing Using Genetic Algorithm and Conflict Graphs. IEEE Transactions on Vehicular Technology, 2020, 69, 8805-8819.	6.3	70
59	Cache-Aided Non-Orthogonal Multiple Access Over Fading Channels in Downlink Cellular Networks. , 2020, , .		1
60	Capacity Analysis of Non-Orthogonal Multiple Access Systems over N-Nakagami Fading Channels for 5G and Beyond. , 2020, , .		3
61	Non-Orthogonal Multiple Access with Wireless Caching for 5G-Enabled Vehicular Networks. IEEE Network, 2020, 34, 127-133.	6.9	12
62	Secrecy Outage Analysis for Alamouti Space-Time Block Coded Non-Orthogonal Multiple Access. IEEE Communications Letters, 2020, 24, 1405-1409.	4.1	14
63	Effective Capacity Analysis Over Generalized Composite Fading Channels. IEEE Access, 2020, 8, 123756-123764.	4.2	17
64	Spectral Efficiency of Multi-Hop Millimeter Wave Networks Using N^{th} Best Relay Routing Technique. IEEE Transactions on Vehicular Technology, 2020, 69, 9951-9959.	6.3	14
65	Guest Editorial: Special Issue on Large-Scale Wireless-Powered Networks With Backscatter Communications. IEEE Open Journal of the Communications Society, 2020, 1, 1961-1964.	6.9	0
66	On the Downlink Performance of RSMA-Based UAV Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 16258-16263.	6.3	37
67	Physical-Layer Security over Generalized SIMO Multipath Fading Channels. , 2019, , .		3
68	Superior Selective Reporting-Based Spectrum Sensing in Energy Harvesting-Aided HCRNs. , 2019, , .		1
69	Cache-Aided Non-Orthogonal Multiple Access for 5G-Enabled Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8359-8371.	6.3	35
70	Achievable Ergodic Capacity Under F Composite Fading Conditions. , 2019, , .		0
71	Achievable Fixed Rate Capacity in Emerging Wireless Systems (Invited Paper). , 2019, , .		1
72	Effective Rate over F Composite Fading Channels. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
73	A Robust and Energy Efficient NOMA-Enabled Hybrid VLC/RF Wireless Network. , 2019, , .		6
74	Semiparametric Subsampling and Data Condensation for Large-Scale Data Analytics. , 2019, , .		0
75	Error Analysis of NOMA-Based User Cooperation with SWIPT. , 2019, , .		6
76	On the Physical Layer Security of a Regenerative Relay-Based mixed RF/UOWC. , 2019, , .		1
77	DBmmWave: Chance-Constrained Joint AP Deployment and Beam Steering in mmWave Networks With Coverage Probability Constraints. IEEE Networking Letters, 2019, 1, 151-155.	1.9	3
78	On the Secrecy Analysis of Dual-Hop Underlay Multi-Source CRNs with Multi-Eavesdroppers and a Multi-Antenna Destination. , 2019, , .		3
79	Modulation Schemes for Visible Light Communications. , 2019, , .		14
80	Toward Efficient Integration of Information and Energy Reception. IEEE Transactions on Communications, 2019, 67, 6572-6585.	7.8	13
81	Opportunistic Ambient Backscatter Communication in RF-Powered Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 413-426.	7.9	56
82	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.	7.9	8
83	Popularity-Based Video Caching Techniques for Cache-Enabled Networks: A Survey. IEEE Access, 2019, 7, 27699-27719.	4.2	60
84	Entropy and Energy Detection-Based Spectrum Sensing Over \mathcal{F} -Composite Fading Channels. IEEE Transactions on Communications, 2019, 67, 4641-4653.	7.8	34
85	Error Probability Analysis of NOMA-Based Relay Networks With SWIPT. IEEE Communications Letters, 2019, 23, 1223-1226.	4.1	34
86	A Comprehensive Analysis of the Achievable Channel Capacity in \mathcal{F} Composite Fading Channels. IEEE Access, 2019, 7, 34078-34094.	4.2	50
87	Pairwise Error Probability of Non-Orthogonal Multiple Access with I/Q Imbalance. , 2019, , .		4
88	Residual Hardware Impairments on Secure NOMA-Based Relay Systems. , 2019, , .		1
89	Physical Layer Security For Dual-hop SWIPT-Enabled CR Networks. , 2019, , .		6
90	Low-Complexity Sequential Information and Energy Reception. , 2019, , .		0

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91	Cooperative Energy Harvesting Cognitive Radio Networks With Spectrum Sharing and Security Constraints. IEEE Access, 2019, 7, 173329-173343.	4.2	23
92	Intercept Probability of Underlay Uplink CRNs with Multi-Eavesdroppers. , 2019, , .		5
93	Censor-Based Multi-Antenna Cooperative Spectrum Sensing over Erroneous Feedback Channels. , 2019, , .		2
94	Error Probability Analysis of Non-Orthogonal Multiple Access for Relaying Networks with Residual Hardware Impairments. , 2019, , .		6
95	Opportunistic Ambient Backscatter Communication in RF-Powered Cognitive Radio Networks. , 2019, , .		3
96	Radio-Frequency Front-End Impairments: Performance Degradation in Nonorthogonal Multiple Access Communication Systems. IEEE Vehicular Technology Magazine, 2019, 14, 89-97.	3.4	21
97	Error Probability Analysis of Non-Orthogonal Multiple Access Over Nakagami- m Fading Channels. IEEE Transactions on Communications, 2019, 67, 1586-1599.	7.8	91
98	Optical wireless cochlear implants. Biomedical Optics Express, 2019, 10, 707.	2.9	23
99	Optical Non-Orthogonal Multiple Access for Visible Light Communication. IEEE Wireless Communications, 2018, 25, 82-88.	9.0	100
100	Performance Analysis of Non-Orthogonal Multiple Access Under I/Q Imbalance. IEEE Access, 2018, 6, 18453-18468.	4.2	30
101	Optical Adaptive Precoding for Visible Light Communications. IEEE Access, 2018, 6, 22121-22130.	4.2	18
102	Semi-supervised multi-layered clustering model for intrusion detection. Digital Communications and Networks, 2018, 4, 277-286.	5.0	43
103	On the Secrecy Capacity of Fisher-Snedecor F Fading Channels. , 2018, , .		18
104	Energy Detection-Based Spectrum Sensing over Fisher-Snedecor F Fading Channels. , 2018, , .		1
105	Hybrid VLC/RF Networks with Non-Orthogonal Multiple Access. , 2018, , .		12
106	Energy Efficiency Analysis of Collaborative Compressive Sensing for Cognitive Radio Networks. , 2018, , .		2
107	Evaluation of Parametric Statistical Models for Wind Speed Probability Density Estimation. , 2018, , .		5
108	Self-Calibration for Massive MIMO with Channel Reciprocity and Channel Estimation Errors. , 2018, , .		4

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109	The N ^α -Fisher-Snedecor F Cascaded Fading Model. , 2018, , .		10
110	Performance Analysis of SWIPT Relaying Systems in the Presence of Impulsive Noise. IEEE Access, 2018, 6, 71662-71677.	4.2	7
111	Performance Analysis of Semi-Coherent OFDM Systems With Imperfect Channel Estimates. IEEE Transactions on Vehicular Technology, 2018, 67, 10773-10787.	6.3	9
112	A Self-Calibration Scheme for TDD Massive MIMO with Imperfect Channel Estimation. , 2018, , .		2
113	Multiple Access for Visible Light Communications: Research Challenges and Future Trends. IEEE Access, 2018, 6, 26167-26174.	4.2	67
114	On the Sum of Fisher's F Variates and Its Application to Maximal-Ratio Combining. IEEE Wireless Communications Letters, 2018, 7, 966-969.	5.0	57
115	Capacity analysis under generalized composite fading conditions. , 2018, , .		10
116	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.	1.7	92
117	Outage probability of multi-carrier NOMA systems under joint I/Q imbalance. , 2018, , .		4
118	Ergodic Capacity Analysis of Wireless Transmission over Generalized Multipath/Shadowing Channels. , 2018, , .		8
119	Performance Analysis of Single Carrier Coherent and Noncoherent Modulation under I/Q Imbalance. , 2018, , .		5
120	Optical Asymmetric Modulation for VLC Systems - Invited Paper. , 2018, , .		6
121	Blind Channel Estimation Technique for OFDM Systems over Time Varying Channels. , 2018, , .		3
122	On the Performance of Non-Orthogonal Multiple Access Systems with Imperfect Successive Interference Cancellation. , 2018, , .		15
123	Performance Analysis of SWIPT Relay Networks With Noncoherent Modulation. IEEE Transactions on Green Communications and Networking, 2018, 2, 1072-1086.	5.5	18
124	Error analysis of wireless transmission over generalized multipath/shadowing channels. , 2018, , .		10
125	Outage probability of single carrier NOMA systems under I/Q imbalance. , 2018, , .		3
126	Analysis of differentially modulated cooperative communications over asymmetric fading channels. , 2018, , .		1

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127	Unified Analysis of Diversity Reception in the Presence of Impulsive Noise. IEEE Transactions on Vehicular Technology, 2017, 66, 1408-1417.	6.3	12
128	Massive MIMO Performance With Imperfect Channel Reciprocity and Channel Estimation Error. IEEE Transactions on Communications, 2017, 65, 3734-3749.	7.8	130
129	Multi-Layered Clustering for Power Consumption Profiling in Smart Grids. IEEE Access, 2017, 5, 18459-18468.	4.2	33
130	Full-Duplex Regenerative Relaying and Energy-Efficiency Optimization Over Generalized Asymmetric Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 3232-3251.	9.2	15
131	Carrier Aggregation for Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5904-5918.	6.3	14
132	Error performance of NOMA VLC systems. , 2017, , .		24
133	On the Performance of Visible Light Communication Systems With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2017, 16, 6350-6364.	9.2	129
134	Relay Selection Based Full-Duplex Cooperative Systems Under Adaptive Transmission. IEEE Wireless Communications Letters, 2017, 6, 602-605.	5.0	23
135	Downlink Beamforming for SWIPT Multi-User MISO Underlay Cognitive Radio Networks. IEEE Communications Letters, 2017, 21, 434-437.	4.1	32
136	Performance of differential modulation under rf impairments. , 2017, , .		5
137	Outage Probability and Throughput of SWIPT Relay Networks with Differential Modulation. , 2017, , .		5
138	SER of M-QAM decode-and-forward multi-relay systems under generalized fading conditions. , 2016, , .		0
139	Error analysis of differentially modulated cooperative systems under generalized fading. , 2016, , .		2
140	The effects of I/Q imbalance on wireless communications: A survey. , 2016, , .		8
141	Multi-user techniques in visible light communications: A survey. , 2016, , .		16
142	Underlay cognitive radio: What is the impact of carrier aggregation and relaying on throughput?. , 2016, , .		4
143	Source precoder design for non-regenerative MIMO relay networks with antenna selection. , 2016, , .		0
144	Outage probability under I/Q imbalance and cascaded fading effects. , 2016, , .		2

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145	Distributed Differential Modulation Over Asymmetric Fading Channels. IEEE Signal Processing Letters, 2016, 23, 1712-1716.	3.6	3
146	Novel cross layer detection schemes to detect blackhole attack against QoS-OLSR protocol in VANET. Vehicular Communications, 2016, 5, 9-17.	4.0	39
147	Error Rate and Power Allocation Analysis of Regenerative Networks Over Generalized Fading Channels. IEEE Transactions on Communications, 2016, 64, 1751-1768.	7.8	15
148	On the Performance of Multihop-Intervehicular Communications Systems Over α - κ - μ Rayleigh Fading Channels. IEEE Wireless Communications Letters, 2016, 5, 116-119.	5.0	44
149	Modeling and Analysis of Wireless Channels via the Mixture of Gaussian Distribution. IEEE Transactions on Vehicular Technology, 2016, 65, 8309-8321.	6.3	56
150	Performance Analysis of Differential Modulation in SWIPT Cooperative Networks. IEEE Signal Processing Letters, 2016, 23, 620-624.	3.6	18
151	Unified Analysis of Cooperative Spectrum Sensing Over Composite and Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 6949-6961.	6.3	30
152	Effects of RF Impairments in Communications Over Cascaded Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 8878-8894.	6.3	65
153	Data Randomization and Cluster-Based Partitioning for Botnet Intrusion Detection. IEEE Transactions on Cybernetics, 2016, 46, 1796-1806.	9.5	109
154	Non-Orthogonal Multiple Access for Visible Light Communications. IEEE Photonics Technology Letters, 2016, 28, 51-54.	2.5	299
155	Energy Detection of Unknown Signals Over Cascaded Fading Channels. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 135-138.	4.0	33
156	Outage Probability Analysis of Full-Duplex Regenerative Relaying over Generalized Asymmetric Fading Channels. , 2015, , .		4
157	The effects of RF impairments in vehicle-to-vehicle communications. , 2015, , .		15
158	MMSE sparse beamforming for power-constrained large two-way relay AF networks. , 2015, , .		0
159	Robust MIMO-OFDM System for Frequency-Selective Mobile Wireless Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 1739-1749.	6.3	15
160	MU-MIMO precoding for VLC with imperfect CSI. , 2015, , .		34
161	Unified analysis of cooperative spectrum sensing over generalized multipath fading channels. , 2015, , .		5
162	Outage probability analysis of dual-hop full-duplex decode-and-forward relaying over generalized multipath fading conditions. , 2015, , .		10

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163	Analytic symbol error rate evaluation of M-PSK based regenerative cooperative networks over generalized fading channels. , 2015, , .		4
164	Performance analysis of energy detection over mixture gamma based fading channels with diversity reception. , 2015, , .		3
165	Low-Complexity Power-Efficient Schedulers for LTE Uplink With Delay-Sensitive Traffic. IEEE Transactions on Vehicular Technology, 2015, 64, 4551-4564.	6.3	33
166	RF-powered cognitive radio networks: technical challenges and limitations. , 2015, 53, 94-100.		89
167	Efficient Machine Learning for Big Data: A Review. Big Data Research, 2015, 2, 87-93.	4.2	425
168	Randomized General Regression Network for Identification of Defect Patterns in Semiconductor Wafer Maps. IEEE Transactions on Semiconductor Manufacturing, 2015, 28, 145-152.	1.7	57
169	On the Approximate Analysis of Energy Detection Over α -Rayleigh Fading Channels Through Cooperative Spectrum Sensing. IEEE Wireless Communications Letters, 2015, 4, 413-416.	5.0	23
170	A Novel Antenna Selection Scheme for Spatially Correlated Massive MIMO Uplinks with Imperfect Channel Estimation. , 2015, , .		23
171	Cooperative sensing under imperfect feedback channels in dynamic spectrum access networks. , 2015, , .		0
172	Randomized Subspace Learning for Proline Cis-Trans Isomerization Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 763-769.	3.0	4
173	Simplified Subspaced Regression Network for Identification of Defect Patterns in Semiconductor Wafer Maps. IEEE Transactions on Industrial Informatics, 2015, 11, 1267-1276.	11.3	71
174	Solutions to Integrals Involving the Marcum Q -Function and Applications. IEEE Signal Processing Letters, 2015, 22, 1752-1756.	3.6	35
175	Differential distributed space-time coding for vehicle-to-vehicle networks. , 2015, , .		2
176	Optimal cooperative spectrum sensing over composite fading channels. , 2015, , .		9
177	Entropy and Channel Capacity under Optimum Power and Rate Adaptation over Generalized Fading Conditions. IEEE Signal Processing Letters, 2015, 22, 2162-2166.	3.6	10
178	A Generalized Mixture of Gaussians for Fading Channels. , 2015, , .		8
179	Intrusion Detection in Vehicular Ad-Hoc Networks on Lower Layers. , 2015, , 192-220.		0
180	Doppler frequency estimation-based handover algorithm for long-term evolution networks. IET Networks, 2014, 3, 88-96.	1.8	3

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181	Machine-Learning-Based Identification of Defect Patterns in Semiconductor Wafer Maps: An Overview and Proposal. , 2014, , .		9
182	Centralized cooperative spectrum sensing with multiple antennas over imperfect feedback channels. , 2014, , .		2
183	Efficient SFBC-OFDM technique for broadband cooperative wireless networks over mobile channels. , 2014, , .		0
184	A unified approach for representing wireless channels using EM-based finite mixture of gamma distributions. , 2014, , .		7
185	Differential decoding for SFBC OFDM systems in underwater MIMO channels. , 2014, , .		9
186	Error rate performance analysis of cooperative SCR in VANETs over generalized fading channels. , 2014, , .		1
187	Opportunistic Spectrum Access in Cognitive Radio Networks Under Imperfect Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2014, 63, 920-925.	6.3	46
188	Machine-Learning-Based Feature Selection Techniques for Large-Scale Network Intrusion Detection. , 2014, , .		50
189	Cooperative cross layer detection for blackhole attack in VANET-OLSR. , 2014, , .		13
190	Intelligent Consensus Modeling for Proline Cis-Trans Isomerization Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 26-32.	3.0	5
191	Outage Probability Analysis of Full-Duplex Regenerative Relaying over Generalized Asymmetric Fading Channels. , 2014, , .		0
192	Security and Connectivity Analysis in Vehicular Communication Networks. Advances in Information Security, Privacy, and Ethics Book Series, 2014, , 83-107.	0.5	1
193	Intrusion Detection in Vehicular Ad-Hoc Networks on Lower Layers. Advances in Information Security, Privacy, and Ethics Book Series, 2014, , 148-174.	0.5	0
194	Relay Selection Strategies for Single-Carrier Frequency-Domain Equalization Multi-Relay Cooperative Networks. IEEE Transactions on Wireless Communications, 2013, 12, 2034-2045.	9.2	22
195	Relay selection in cognitive radio networks with interference constraints. IET Communications, 2013, 7, 922-930.	2.2	34
196	Transmission of JPEG2000 images over frequency-selective channels with unequal power allocation. IET Image Processing, 2013, 7, 33-41.	2.5	10
197	Optimal cooperative primary user localization in Cognitive Radio networks. , 2013, , .		0
198	Indoor Multi-wall Path Loss Model at 1.93 GHz. , 2013, , .		11

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199	An efficient approximation of $Q(x)$ function and general BER performance analysis. , 2013, , .		3
200	A new mathematical analysis of the probability of detection in cognitive radio over fading channels. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	28
201	Efficient non-coherent detection techniques for broadband cooperative networks. , 2013, , .		0
202	Non-coherent detection for cooperative OFDM-based system over time-varying fading channels. , 2013, , .		0
203	Multiuser Two-way relaying with power control for SC-FDE systems. , 2013, , .		2
204	Lifetime evaluation of cooperative OFDM WSNs. , 2012, , .		0
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