

# Sami Muhaidat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9407378/publications.pdf>

Version: 2024-02-01

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	Performance Analysis of Intelligent Reflecting Surface-Aided Decode-and-Forward UAV Communication Systems. IEEE Systems Journal, 2023, 17, 246-257.	2.9	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.	3.5	8
3	A Survey of FDD-Based Channel Estimation Schemes With Coordinated Multipoint. IEEE Systems Journal, 2022, 16, 4563-4573.	2.9	3
4	Space-Time Block Coded Spatial Modulation for Indoor Visible Light Communications. IEEE Photonics Journal, 2022, 14, 1-11.	1.0	10
5	Non-Orthogonal Multiple Access-Based Underwater VLC Systems in the Presence of Turbulence. IEEE Photonics Journal, 2022, 14, 1-7.	1.0	11
6	Performance of Reconfigurable Intelligent Surfaces in the Presence of Generalized Gaussian Noise. IEEE Communications Letters, 2022, 26, 773-777.	2.5	3
7	STBC-Assisted MDC-NOMA Image Transmission Scheme for Multi-Antenna Systems. IEEE Transactions on Broadcasting, 2022, 68, 677-688.	2.5	1
8	An Effective Spatial Modulation Based Scheme for Indoor VLC Systems. IEEE Photonics Journal, 2022, 14, 1-11.	1.0	6
9	Outage Analysis of NOMA-Enabled Backscatter Communications With Intelligent Reflecting Surfaces. IEEE Internet of Things Journal, 2022, 9, 15390-15400.	5.5	11
10	Toward Federated-Learning-Enabled Visible Light Communication in 6G Systems. IEEE Wireless Communications, 2022, 29, 48-56.	6.6	18
11	Coordinated Beamforming Design for Multi-User Multi-Cell MIMO VLC Networks. IEEE Photonics Journal, 2022, 14, 1-10.	1.0	2
12	Generalized Space Shift Keying for Ambient Backscatter Communication. IEEE Transactions on Communications, 2022, 70, 5018-5029.	4.9	4
13	Time-Switching and Phase-Shifting Control for RIS-Assisted SWIPT Communications. IEEE Wireless Communications Letters, 2022, 11, 1728-1732.	3.2	8
14	Interference Management Strategies for Multiuser Multicell MIMO VLC Systems. IEEE Transactions on Communications, 2022, 70, 6002-6019.	4.9	1
15	Performance of Non-Orthogonal Multiple Access (NOMA) Systems Over $\alpha$ - $\beta$ -Nakagami-m Multipath Fading Channels for 5G and Beyond. IEEE Transactions on Vehicular Technology, 2022, 71, 11615-11623.	3.9	3
16	Physical Layer Security of a Dual-Hop Regenerative Mixed RF/UOW System. IEEE Transactions on Sustainable Computing, 2021, 6, 90-104.	2.2	20
17	Physical-Layer Security of SIMO Communication Systems over Multipath Fading Conditions. IEEE Transactions on Sustainable Computing, 2021, 6, 105-118.	2.2	13
18	Machine Learning-Based Massive Augmented Spatial Modulation (ASM) for IoT VLC Systems. IEEE Communications Letters, 2021, 25, 494-498.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Performance Analysis of Coherent and Noncoherent Modulation Under I/Q Imbalance Effects. IEEE Access, 2021, 9, 36125-36139.	2.6	8
20	Energy-Efficient Data Dissemination Using a UAV: An Ant Colony Approach. IEEE Wireless Communications Letters, 2021, 10, 16-20.	3.2	17
21	MDC-NOMA: Multiple Description Coding-Based Nonorthogonal Multiple Access for Image Transmission. IEEE Systems Journal, 2021, 15, 3632-3641.	2.9	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.	3.9	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.	3.5	9
25	Performance Analysis of FSO Communications Over F Turbulence Channels With Pointing Errors. IEEE Communications Letters, 2021, 25, 926-930.	2.5	43
26	Performance Analysis of Intelligent Reflecting Surface Aided Wireless Networks With Wireless Power Transfer. IEEE Communications Letters, 2021, 25, 793-797.	2.5	18
27	Large Intelligent Surface-Assisted Nonorthogonal Multiple Access for 6G Networks: Performance Analysis. IEEE Internet of Things Journal, 2021, 8, 5129-5140.	5.5	26
28	Sum Rate Analysis of Generalized Space Shift Keying-Aided MIMO-NOMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 7232-7236.	3.9	2
29	Error Rate Analysis of Non-Orthogonal Multiple Access With Residual Hardware Impairments. IEEE Communications Letters, 2021, 25, 2522-2526.	2.5	6
30	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
31	Amplitude, phase, and quadrant (APQ) modulation for indoor visible light communications. Physical Communication, 2021, 48, 101440.	1.2	2
32	Error rate performance of NOMA system with full-duplex cooperative relaying. Physical Communication, 2021, 49, 101447.	1.2	6
33	Shortest Propagation Delay-Based Relay Selection for Underwater Acoustic Sensor Networks. IEEE Access, 2021, 9, 37923-37935.	2.6	9
34	Outage Performance of Relay-Assisted Single- and Dual-Stage NOMA Over Power Line Communications. IEEE Access, 2021, 9, 86358-86368.	2.6	10
35	Anti-Jamming Game to Combat Intelligent Jamming for Cognitive Radio Networks. IEEE Access, 2021, 9, 137941-137956.	2.6	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.	3.9	14

#	ARTICLE	IF	CITATIONS
37	Capacity Analysis of NOMA-Enabled Underwater VLC Networks. IEEE Access, 2021, 9, 153305-153315.	2.6	15
38	NOMA-Based User Cooperation With Incremental Hybrid Forwarding Protocols. IEEE Open Journal of the Communications Society, 2021, 2, 2536-2546.	4.4	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	Sensor-Based Cooperative Multi-Antenna Spectrum Sensing with Imperfect Reporting Channels. IEEE Transactions on Sustainable Computing, 2020, 5, 48-60.	2.2	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.	4.9	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.	4.9	42
44	Effects of Residual Hardware Impairments on Secure NOMA-Based Cooperative Systems. IEEE Access, 2020, 8, 2524-2536.	2.6	18
45	Level Crossing Rate and Average Fade Duration in $\mathcal{F}$ Composite Fading Channels. IEEE Wireless Communications Letters, 2020, 9, 281-284.	3.2	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.	4.9	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.	2.8	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.	3.4	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.	3.4	44
51	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. IEEE Access, 2020, 8, 174792-174820.	2.6	192
52	The $\hat{\Gamma}$ - $\hat{\Gamma}$ - $\hat{\Gamma}$ -F Composite Fading Distribution. IEEE Wireless Communications Letters, 2020, 9, 2182-2186.	3.2	3
53	Achievable Physical-Layer Security Over Composite Fading Channels. IEEE Access, 2020, 8, 195772-195787.	2.6	20
54	Product and Ratio of Product of Fisher-Snedecor $\hat{\chi}^2$ Variates and Their Applications to Performance Evaluations of Wireless Communication Systems. IEEE Access, 2020, 8, 215267-215286.	2.6	12

#	ARTICLE	IF	CITATIONS
55	SWIPT-Enabled Cooperative NOMA With $m$ th Best Relay Selection. IEEE Open Journal of the Communications Society, 2020, 1, 1798-1807.	4.4	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.	2.5	8
58	Task Scheduling for Mobile Edge Computing Using Genetic Algorithm and Conflict Graphs. IEEE Transactions on Vehicular Technology, 2020, 69, 8805-8819.	3.9	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.	4.9	12
62	Secrecy Outage Analysis for Alamouti Space-Time Block Coded Non-Orthogonal Multiple Access. IEEE Communications Letters, 2020, 24, 1405-1409.	2.5	14
63	Effective Capacity Analysis Over Generalized Composite Fading Channels. IEEE Access, 2020, 8, 123756-123764.	2.6	17
64	Spectral Efficiency of Multi-Hop Millimeter Wave Networks Using $N^{\text{th}}$ Best Relay Routing Technique. IEEE Transactions on Vehicular Technology, 2020, 69, 9951-9959.	3.9	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.	4.4	0
66	On the Downlink Performance of RSMA-Based UAV Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 16258-16263.	3.9	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.	3.9	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.	1.5	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.	4.9	13
81	Opportunistic Ambient Backscatter Communication in RF-Powered Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 413-426.	4.9	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.	4.9	8
83	Popularity-Based Video Caching Techniques for Cache-Enabled Networks: A Survey. IEEE Access, 2019, 7, 27699-27719.	2.6	60
84	Entropy and Energy Detection-Based Spectrum Sensing Over $\mathcal{F}$ -Composite Fading Channels. IEEE Transactions on Communications, 2019, 67, 4641-4653.	4.9	34
85	Error Probability Analysis of NOMA-Based Relay Networks With SWIPT. IEEE Communications Letters, 2019, 23, 1223-1226.	2.5	34
86	A Comprehensive Analysis of the Achievable Channel Capacity in $\mathcal{F}$ Composite Fading Channels. IEEE Access, 2019, 7, 34078-34094.	2.6	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

#	ARTICLE	IF	CITATIONS
91	Cooperative Energy Harvesting Cognitive Radio Networks With Spectrum Sharing and Security Constraints. IEEE Access, 2019, 7, 173329-173343.	2.6	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.	2.8	21
97	Error Probability Analysis of Non-Orthogonal Multiple Access Over Nakagami- $m$ Fading Channels. IEEE Transactions on Communications, 2019, 67, 1586-1599.	4.9	91
98	Optical wireless cochlear implants. Biomedical Optics Express, 2019, 10, 707.	1.5	23
99	Optical Non-Orthogonal Multiple Access for Visible Light Communication. IEEE Wireless Communications, 2018, 25, 82-88.	6.6	100
100	Performance Analysis of Non-Orthogonal Multiple Access Under I/Q Imbalance. IEEE Access, 2018, 6, 18453-18468.	2.6	30
101	Optical Adaptive Precoding for Visible Light Communications. IEEE Access, 2018, 6, 22121-22130.	2.6	18
102	Semi-supervised multi-layered clustering model for intrusion detection. Digital Communications and Networks, 2018, 4, 277-286.	2.7	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&#x002F;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

#	ARTICLE	IF	CITATIONS
109	The N <sup>α</sup> -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.	2.6	7
111	Performance Analysis of Semi-Coherent OFDM Systems With Imperfect Channel Estimates. IEEE Transactions on Vehicular Technology, 2018, 67, 10773-10787.	3.9	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.	2.6	67
114	On the Sum of Fisher's <math>F</math> Variates and Its Application to Maximal-Ratio Combining. IEEE Wireless Communications Letters, 2018, 7, 966-969.	3.2	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.	1.4	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.	3.5	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



#	ARTICLE	IF	CITATIONS
127	Unified Analysis of Diversity Reception in the Presence of Impulsive Noise. IEEE Transactions on Vehicular Technology, 2017, 66, 1408-1417.	3.9	12
128	Massive MIMO Performance With Imperfect Channel Reciprocity and Channel Estimation Error. IEEE Transactions on Communications, 2017, 65, 3734-3749.	4.9	130
129	Multi-Layered Clustering for Power Consumption Profiling in Smart Grids. IEEE Access, 2017, 5, 18459-18468.	2.6	33
130	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
131	Carrier Aggregation for Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5904-5918.	3.9	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.	6.1	129
134	Relay Selection Based Full-Duplex Cooperative Systems Under Adaptive Transmission. IEEE Wireless Communications Letters, 2017, 6, 602-605.	3.2	23
135	Downlink Beamforming for SWIPT Multi-User MISO Underlay Cognitive Radio Networks. IEEE Communications Letters, 2017, 21, 434-437.	2.5	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

#	ARTICLE	IF	CITATIONS
145	Distributed Differential Modulation Over Asymmetric Fading Channels. IEEE Signal Processing Letters, 2016, 23, 1712-1716.	2.1	3
146	Novel cross layer detection schemes to detect blackhole attack against QoS-OLSR protocol in VANET. Vehicular Communications, 2016, 5, 9-17.	2.7	39
147	Error Rate and Power Allocation Analysis of Regenerative Networks Over Generalized Fading Channels. IEEE Transactions on Communications, 2016, 64, 1751-1768.	4.9	15
148	On the Performance of Multihop-Intervehicular Communications Systems Over $\alpha$ - $\kappa$ - $\mu$ Rayleigh Fading Channels. IEEE Wireless Communications Letters, 2016, 5, 116-119.	3.2	44
149	Modeling and Analysis of Wireless Channels via the Mixture of Gaussian Distribution. IEEE Transactions on Vehicular Technology, 2016, 65, 8309-8321.	3.9	56
150	Performance Analysis of Differential Modulation in SWIPT Cooperative Networks. IEEE Signal Processing Letters, 2016, 23, 620-624.	2.1	18
151	Unified Analysis of Cooperative Spectrum Sensing Over Composite and Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 6949-6961.	3.9	30
152	Effects of RF Impairments in Communications Over Cascaded Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 8878-8894.	3.9	65
153	Data Randomization and Cluster-Based Partitioning for Botnet Intrusion Detection. IEEE Transactions on Cybernetics, 2016, 46, 1796-1806.	6.2	109
154	Non-Orthogonal Multiple Access for Visible Light Communications. IEEE Photonics Technology Letters, 2016, 28, 51-54.	1.3	299
155	Energy Detection of Unknown Signals Over Cascaded Fading Channels. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 135-138.	2.4	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.	3.9	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

#	ARTICLE	IF	CITATIONS
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.	3.9	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.	2.6	425
168	Randomized General Regression Network for Identification of Defect Patterns in Semiconductor Wafer Maps. IEEE Transactions on Semiconductor Manufacturing, 2015, 28, 145-152.	1.4	57
169	On the Approximate Analysis of Energy Detection Over $\alpha$ -Rayleigh Fading Channels Through Cooperative Spectrum Sensing. IEEE Wireless Communications Letters, 2015, 4, 413-416.	3.2	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.	1.9	4
173	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
174	Solutions to Integrals Involving the Marcum $Q$ -Function and Applications. IEEE Signal Processing Letters, 2015, 22, 1752-1756.	2.1	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.	2.1	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.	1.1	3

#	ARTICLE	IF	CITATIONS
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.	3.9	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.	1.9	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.	0.4	1
193	Intrusion Detection in Vehicular Ad-Hoc Networks on Lower Layers. Advances in Information Security, Privacy, and Ethics Book Series, 2014, , 148-174.	0.4	0
194	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
195	Relay selection in cognitive radio networks with interference constraints. IET Communications, 2013, 7, 922-930.	1.5	34
196	Transmission of JPEG2000 images over frequency-selective channels with unequal power allocation. IET Image Processing, 2013, 7, 33-41.	1.4	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

#	ARTICLE	IF	CITATIONS
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, .	1.5	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
205	Performance Analysis and Power Allocation of Multi-Hop Multi-Branch Relays with Data Storage over Generalized Fading Channels. , 2012, , .		3
206	Cluster-Based Fair Allocation Algorithm for Multi-Relay Single Carrier Distributed Networks. , 2012, , .		0
207	An OFDM based system for transmission of JPEG2000 images using Unequal Power Allocation. , 2012, , .		7
208	Intra-frequency handover algorithm design in LTE networks using Doppler frequency estimation. , 2012, , .		4
209	Amplify-and-Forward Selection Cooperation over Rayleigh Fading Channels with Imperfect CSI. IEEE Transactions on Wireless Communications, 2012, 11, 199-209.	6.1	56
210	A novel handover algorithm design in WiMAX networks. , 2012, , .		0
211	Using an adaptive UPA scheme with a channel-aware OFDM technique for wireless transmission of JPEG2000 images. , 2012, , .		0
212	Noncoherent relay selection for bidirectional cooperative networks. , 2012, , .		3
213	Enhanced ZP-OFDM receiver in multi-relay cooperative networks. , 2012, , .		1
214	Asymptotic performance and power allocation of multi-hop relay systems in generalized fading channels. , 2012, , .		1
215	Relay selection in underlay cognitive radio networks. , 2012, , .		11
216	Relay Selection with Imperfect CSI in Bidirectional Cooperative Networks. IEEE Communications Letters, 2012, 16, 57-59.	2.5	17

#	ARTICLE	IF	CITATIONS
217	High rate single-carrier frequency-domain equalization for multi-relay cooperative systems. , 2011, , .		0
218	Performance Analysis of Relay Selection With Feedback Delay and Channel Estimation Errors. IEEE Signal Processing Letters, 2011, 18, 67-70.	2.1	40
219	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
220	Relay Selection in Dual-Hop Vehicular Networks. IEEE Signal Processing Letters, 2011, 18, 134-137.	2.1	66
221	Distributed single carrier frequency-domain equalization for multi-relay cooperative networks over frequency selective Rician channels. , 2011, , .		0
222	Average capacity performance of opportunistic relay selection with outdated CSI. IET Communications, 2011, 5, 2339-2344.	1.5	9
223	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
224	A new reduced-complexity detection scheme for zero-padded OFDM transmissions. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	2
225	Single-carrier frequency-domain equalization for multi-relay cooperative systems with relay selection. , 2011, , .		2
226	Distortion Exponents for Multi-Relay Cooperative Networks with Limited Feedback. IEEE Transactions on Vehicular Technology, 2010, 59, 3417-3426.	3.9	2
227	Outage Probability of Selection Cooperation with Channel Estimation Errors. , 2010, , .		4
228	Distortion Exponents for Multi-Relay Cooperative Networks with Limited Feedback. , 2010, , .		1
229	A New Receiver Design for Single-Carrier Frequency Domain Equalization in Broadband Cooperative Wireless Networks. , 2010, , .		2
230	Adaptive interference cancellation system for a WCDMA repeater. , 2010, , .		3
231	On the Performance of Imperfect Channel Estimation for Vehicular Ad-Hoc Networks. , 2010, , .		6
232	Two-Way Relaying Using Constant Envelop Modulation and Phase-Superposition-Phase-Forward. , 2010, , .		0
233	Transparent Amplify-and-Forward Relaying in MIMO Relay Channels. IEEE Transactions on Wireless Communications, 2010, 9, 3144-3154.	6.1	11
234	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

#	ARTICLE	IF	CITATIONS
235	On the Performance of Pilot Symbol Assisted Modulation for Cooperative Systems with Imperfect Channel Estimation. , 2010, , .		13
236	Adaptive Interference Cancellation System for Multihop WCDMA 3G Networks. , 2010, , .		0
237	Impact of imperfect channel estimation on the performance of inter-vehicular cooperative networks. , 2010, , .		7
238	Iterative detection for zero-padded OFDM in non-regenerative cooperative wireless networks. , 2010, , .		0
239	A novel reduced complexity detection scheme for distributed single-carrier frequency domain equalization. , 2010, , .		0
240	A Novel Reduced Complexity MMSE-Based Receiver for OFDM Broadband Wireless Networks. , 2010, , .		1
241	Capacity of selection cooperation with channel estimation errors. , 2010, , .		0
242	Amplify-and-Forward Selection Cooperation with Channel Estimation Error. , 2010, , .		9
243	Performance evaluation of linear constellation precoded OFDM with linear equalizers in overestimated channels. , 2010, , .		0
244	Distributed Differential Space-Time Coding for Broadband Cooperative Networks. , 2009, , .		10
245	A Low Complexity Two Stage MMSE-Based Receiver for Single-Carrier Frequency-Domain Equalization Transmissions over Frequency-Selective Channels. , 2009, , .		6
246	Blind Amplify-and-Forward Relaying in Multiple-Antenna Relay Networks. , 2009, , .		1
247	Distortion exponents for decode-and-forward multi-relay cooperative networks. , 2009, , .		11
248	Pilot-symbol-assisted detection scheme for distributed orthogonal space-time block coding. IEEE Transactions on Wireless Communications, 2009, 8, 1057-1061.	6.1	15
249	Selection Cooperation with Transparent Amplify-and-Forward Relaying in MIMO Relay Channels. , 2009, , .		2
250	Cooperative Diversity with Multiple-Antenna Nodes in Fading Relay Channels. IEEE Transactions on Wireless Communications, 2008, 7, 3036-3046.	6.1	66
251	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
252	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