

Georgios

List of Publications by Year in descending order

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293
papers

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all docs

295
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295
times ranked

7922
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Non-Orthogonal Multiple Access for 5G Networks: Research Challenges and Future Trends. IEEE Journal on Selected Areas in Communications, 2017, 35, 2181-2195.	9.7	1,775
2	6G Wireless Networks: Vision, Requirements, Architecture, and Key Technologies. IEEE Vehicular Technology Magazine, 2019, 14, 28-41.	2.8	1,275
3	Optical wireless links with spatial diversity over strong atmospheric turbulence channels. IEEE Transactions on Wireless Communications, 2009, 8, 951-957.	6.1	398
4	A Survey on Mobile Anchor Node Assisted Localization in Wireless Sensor Networks. IEEE Communications Surveys and Tutorials, 2016, 18, 2220-2243.	24.8	370
5	Optical Wireless Communications With Heterodyne Detection Over Turbulence Channels With Pointing Errors. Journal of Lightwave Technology, 2009, 27, 4440-4445.	2.7	356
6	A Minorization-Maximization Method for Optimizing Sum Rate in the Downlink of Non-Orthogonal Multiple Access Systems. IEEE Transactions on Signal Processing, 2016, 64, 76-88.	3.2	323
7	BER Performance of FSO Links over Strong Atmospheric Turbulence Channels with Pointing Errors. IEEE Communications Letters, 2008, 12, 44-46.	2.5	299
8	Non-Orthogonal Multiple Access for Visible Light Communications. IEEE Photonics Technology Letters, 2016, 28, 51-54.	1.3	299
9	N_{akagami} : A Novel Stochastic Model for Cascaded Fading Channels. IEEE Transactions on Communications, 2007, 55, 1453-1458.	4.9	292
10	Wireless-Powered Communications With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2016, 15, 8422-8436.	6.1	227
11	On the Security of Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 3790-3795.	3.9	221
12	An Improved Approximation for the Gaussian Q-Function. IEEE Communications Letters, 2007, 11, 644-646.	2.5	219
13	Amplify-and-Forward Relay Selection with Outdated Channel Estimates. IEEE Transactions on Communications, 2012, 60, 1278-1290.	4.9	195
14	The Fisher-Snedecor F Distribution: A Simple and Accurate Composite Fading Model. IEEE Communications Letters, 2017, 21, 1661-1664.	2.5	165
15	Charging Schemes for Plug-In Hybrid Electric Vehicles in Smart Grid: A Survey. IEEE Access, 2016, 4, 6846-6875.	2.6	158
16	Joint Estimation of Channel and Oscillator Phase Noise in MIMO Systems. IEEE Transactions on Signal Processing, 2012, 60, 4790-4807.	3.2	153
17	Wireless Information and Power Transfer in Relay Systems With Multiple Antennas and Interference. IEEE Transactions on Communications, 2015, 63, 1400-1418.	4.9	141
18	On the Distribution of the Sum of Gamma-Gamma Variates and Applications in RF and Optical Wireless Communications. IEEE Transactions on Communications, 2011, 59, 1298-1308.	4.9	133

#	ARTICLE	IF	CITATIONS
19	Multiuser Relaying over Mixed RF/FSO Links. IEEE Transactions on Communications, 2014, 62, 1634-1645.	4.9	132
20	Fairness of User Clustering in MIMO Non-Orthogonal Multiple Access Systems. IEEE Communications Letters, 2016, , 1-1.	2.5	129
21	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
22	On the Application of Quasi-Degradation to MISO-NOMA Downlink. IEEE Transactions on Signal Processing, 2016, 64, 6174-6189.	3.2	127
23	Secure Multiuser Communications in Multiple Amplify-and-Forward Relay Networks. IEEE Transactions on Communications, 2014, 62, 3299-3310.	4.9	120
24	Multihop Free-Space Optical Communications Over Strong Turbulence Channels. , 2006, , .		119
25	Performance analysis of the dual-hop asymmetric fading channel. IEEE Transactions on Wireless Communications, 2009, 8, 2783-2788.	6.1	114
26	Diversity Combining in Hybrid RF/FSO Systems with PSK Modulation. , 2011, , .		106
27	Simultaneous Lightwave Information and Power Transfer (SLIPT). IEEE Transactions on Green Communications and Networking, 2018, 2, 764-773.	3.5	105
28	Multiuser and Multirelay Cognitive Radio Networks Under Spectrum-Sharing Constraints. IEEE Transactions on Vehicular Technology, 2014, 63, 433-439.	3.9	104
29	Outage Performance of Cognitive Relay Networks With Wireless Information and Power Transfer. IEEE Transactions on Vehicular Technology, 2016, 65, 3828-3833.	3.9	100
30	A Survey on Ultraviolet C-Band (UV-C) Communications. IEEE Communications Surveys and Tutorials, 2019, 21, 2111-2133.	24.8	94
31	Wireless Networks with Energy Harvesting and Power Transfer: Joint Power and Time Allocation. IEEE Signal Processing Letters, 2016, 23, 50-54.	2.1	93
32	Adaptive Subcarrier PSK Intensity Modulation in Free Space Optical Systems. IEEE Transactions on Communications, 2011, 59, 1368-1377.	4.9	91
33	Generalized Maximum-Likelihood Sequence Detection for Photon-Counting Free Space Optical Systems. IEEE Transactions on Communications, 2010, 58, 3381-3385.	4.9	85
34	Full-Duplex Two-Way and One-Way Relaying: Average Rate, Outage Probability, and Tradeoffs. IEEE Transactions on Wireless Communications, 2016, 15, 3920-3933.	6.1	85
35	Exploiting Direct Links for Physical Layer Security in Multiuser Multirelay Networks. IEEE Transactions on Wireless Communications, 2016, 15, 3856-3867.	6.1	82
36	On the Design of Multiuser Codebooks for Uplink SCMA Systems. IEEE Communications Letters, 2016, 20, 1920-1923.	2.5	78

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37	Physical Layer Security Jamming: Theoretical Limits and Practical Designs in Wireless Networks. IEEE Access, 2017, 5, 3603-3611.	2.6	75
38	A Unified Spatial Framework for UAV-Aided MmWave Networks. IEEE Transactions on Communications, 2019, 67, 8801-8817.	4.9	72
39	PHY-layer Fairness in Amplify and Forward Cooperative Diversity Systems. IEEE Transactions on Wireless Communications, 2008, 7, 1073-1082.	6.1	71
40	Closed-form error analysis of the non-identical Nakagami-m relay fading channel. IEEE Communications Letters, 2008, 12, 259-261.	2.5	70
41	On the Monotonicity of the Generalized Marcum and Nuttall Q -Functions. IEEE Transactions on Information Theory, 2009, 55, 3701-3710.	1.5	68
42	Effect of Feedback Delay on Amplify-and-Forward Relay Networks With Beamforming. IEEE Transactions on Vehicular Technology, 2011, 60, 1265-1271.	3.9	68
43	On the symbol error probability of general order rectangular qam in nakagami-m fading. IEEE Communications Letters, 2006, 10, 745-747.	2.5	63
44	Energy Detection Spectrum Sensing Under RF Imperfections. IEEE Transactions on Communications, 2016, 64, 2754-2766.	4.9	63
45	Two-relay distributed switch and stay combining. IEEE Transactions on Communications, 2008, 56, 1790-1794.	4.9	60
46	On the second order statistics of the multihop rayleigh fading channel. IEEE Transactions on Communications, 2009, 57, 1815-1823.	4.9	59
47	Secure Switch-and-Stay Combining (SSSC) for Cognitive Relay Networks. IEEE Transactions on Communications, 2016, 64, 70-82.	4.9	58
48	Distributed Switch and Stay Combining (DSSC) with a Single Decode and Forward Relay. IEEE Communications Letters, 2007, 11, 408-410.	2.5	57
49	Joint Multiuser Detection of Multidimensional Constellations over Fading Channels. IEEE Transactions on Communications, 2016, , 1-1.	4.9	56
50	Distributed Machine Learning for Multiuser Mobile Edge Computing Systems. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 460-473.	7.3	55
51	A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Networks. Proceedings of the IEEE, 2022, 110, 1358-1379.	16.4	55
52	Hybrid NOMA/OMA With Buffer-Aided Relay Selection in Cooperative Networks. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 524-537.	7.3	54
53	Maximizing Proportional Fairness in Wireless Powered Communications. IEEE Wireless Communications Letters, 2017, 6, 202-205.	3.2	53
54	Level crossing rate and average fade duration of the double Nakagami-m random process and application in MIMO keyhole fading channels. IEEE Communications Letters, 2008, 12, 822-824.	2.5	52

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55	On the Capacity of Generalized- α Fading MIMO Channels. IEEE Transactions on Signal Processing, 2010, 58, 5939-5944.	3.2	52
56	Joint Downlink/Uplink Design for Wireless Powered Networks With Interference. IEEE Access, 2017, 5, 1534-1547.	2.6	52
57	A Comprehensive Analysis of the Achievable Channel Capacity in α Composite Fading Channels. IEEE Access, 2019, 7, 34078-34094.	2.6	50
58	Machine Learning in Beyond 5G/6G Networks—State-of-the-Art and Future Trends. Electronics (Switzerland), 2021, 10, 2786.	1.8	50
59	Fourth-Order Statistics for Blind Classification of Spatial Multiplexing and Alamouti Space-Time Block Code Signals. IEEE Transactions on Communications, 2013, 61, 2420-2431.	4.9	49
60	Novel Approximations to the Statistics of Products of Independent Random Variables and Their Applications in Wireless Communications. IEEE Transactions on Vehicular Technology, 2012, 61, 443-454.	3.9	45
61	Non-Orthogonal Multiple Access for Cooperative Multicast Millimeter Wave Wireless Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 1794-1808.	9.7	45
62	Generic Ergodic Capacity Bounds for Fixed-Gain AF Dual-Hop Relaying Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 3814-3824.	3.9	43
63	I/Q-Imbalance Self-Interference Coordination. IEEE Transactions on Wireless Communications, 2016, 15, 4157-4170.	6.1	43
64	Two-Timeslot Two-Way Full-Duplex Relaying for 5G Wireless Communication Networks. IEEE Transactions on Communications, 2016, 64, 2873-2887.	4.9	42
65	On the Multivariate Gamma—Gamma Distribution With Arbitrary Correlation and Applications in Wireless Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 3834-3840.	3.9	42
66	Spectrum Sensing in Full-Duplex Cognitive Radio Networks Under Hardware Imperfections. IEEE Transactions on Vehicular Technology, 2017, 66, 2072-2084.	3.9	41
67	Secure Communications for Multi-Tag Backscatter Systems. IEEE Wireless Communications Letters, 2019, 8, 1146-1149.	3.2	40
68	Distributed Secure Switch-and-Stay Combining Over Correlated Fading Channels. IEEE Transactions on Information Forensics and Security, 2019, 14, 2088-2101.	4.5	40
69	Two-parameter Nyquist pulses with better performance. IEEE Communications Letters, 2008, 12, 807-809.	2.5	39
70	A New Lower Bound on the Ergodic Capacity of Distributed MIMO Systems. IEEE Signal Processing Letters, 2011, 18, 227-230.	2.1	39
71	Effective Rate of MISO Systems Over Fisher—Snedecor F Fading Channels. IEEE Communications Letters, 2018, 22, 2619-2622.	2.5	39
72	$\hat{1}$ -QAM: A parametric quadrature amplitude modulation family and its performance in AWGN and fading channels. IEEE Transactions on Communications, 2010, 58, 1014-1019.	4.9	37

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73	Dual Relay Selection for Cooperative NOMA With Distributed Space Time Coding. IEEE Access, 2018, 6, 20440-20450.	2.6	37
74	Spectrum Allocation and Power Control in Full-Duplex Ultra-Dense Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 4365-4380.	4.9	37
75	Performance of Distributed Diversity Systems With a Single Amplify-and-Forward Relay. IEEE Transactions on Vehicular Technology, 2009, 58, 2603-2608.	3.9	35
76	Amplify-and-Forward Relay Transmission with End-to-End Antenna Selection. , 2010, , .		35
77	Solutions to Integrals Involving the Marcum Q -Function and Applications. IEEE Signal Processing Letters, 2015, 22, 1752-1756.	2.1	35
78	Energy-Efficient Device Discovery in D2D Cellular Networks for Public Safety Scenario. IEEE Systems Journal, 2019, 13, 2716-2719.	2.9	35
79	MU-MIMO precoding for VLC with imperfect CSI. , 2015, , .		34
80	On the Capacity of Wireless Powered Communication Systems Over Rician Fading Channels. IEEE Transactions on Communications, 2018, 66, 404-417.	4.9	34
81	Entropy and Energy Detection-Based Spectrum Sensing Over \mathcal{F} -Composite Fading Channels. IEEE Transactions on Communications, 2019, 67, 4641-4653.	4.9	34
82	Non-Orthogonal Multiple Access (NOMA) With Multiple Intelligent Reflecting Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 7184-7195.	6.1	34
83	Energy Detection of Unknown Signals Over Cascaded Fading Channels. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 135-138.	2.4	33
84	Fixed Gain Amplify-and-Forward Relaying with Co-Channel Interference. , 2011, , .		32
85	Massive Multiuser MIMO in Heterogeneous Cellular Networks With Full Duplex Small Cells. IEEE Transactions on Communications, 2017, 65, 4704-4719.	4.9	32
86	Beamforming Optimization for Full-Duplex Wireless-Powered MIMO Systems. IEEE Transactions on Communications, 2017, 65, 3750-3764.	4.9	30
87	Performance Analysis of Non-Orthogonal Multiple Access Under I/Q Imbalance. IEEE Access, 2018, 6, 18453-18468.	2.6	30
88	Performance Evaluation of OFDM Amplify-and-Forward Relay System with Subcarrier Permutation. IEICE Transactions on Communications, 2010, E93-B, 1216-1223.	0.4	29
89	Mutual Information Statistics and Beamforming Performance Analysis of Optimized LoS MIMO Systems. IEEE Transactions on Communications, 2010, 58, 3316-3329.	4.9	29
90	Optimal design of non-orthogonal multiple access with wireless power transfer. , 2016, , .		29

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91	Physical Layer Security in the Presence of Interference. IEEE Wireless Communications Letters, 2017, 6, 802-805.	3.2	29
92	Distributed Transmit Antenna Selection (DTAS) Under Performance or Energy Consumption Constraints. IEEE Transactions on Wireless Communications, 2008, 7, 1168-1173.	6.1	28
93	Block error rate of optical wireless communication systems over atmospheric turbulence channels. IET Communications, 2014, 8, 616-625.	1.5	28
94	A Tractable Model for Turbulence- and Misalignment-Induced Fading in Optical Wireless Systems. IEEE Communications Letters, 2016, 20, 1904-1907.	2.5	28
95	Multi-Objective Optimization in 5G Wireless Networks With Massive MIMO. IEEE Communications Letters, 2018, 22, 2346-2349.	2.5	28
96	User Grouping for Hybrid VLC/RF Networks With NOMA: A Coalitional Game Approach. IEEE Access, 2019, 7, 103299-103309.	2.6	28
97	Ultra-Small Cell Networks With Collaborative RF and Lightwave Power Transfer. IEEE Transactions on Communications, 2019, 67, 6243-6255.	4.9	28
98	Physical Layer Security With Uncertainty on the Location of the Eavesdropper. IEEE Wireless Communications Letters, 2016, 5, 540-543.	3.2	27
99	Hybrid Lightwave/RF Cooperative NOMA Networks. IEEE Transactions on Wireless Communications, 2020, 19, 1154-1166.	6.1	27
100	System Optimization of Federated Learning Networks With a Constrained Latency. IEEE Transactions on Vehicular Technology, 2022, 71, 1095-1100.	3.9	27
101	Spectrum Sensing with Multiple Primary Users over Fading Channels. IEEE Communications Letters, 2016, , 1-1.	2.5	26
102	Outage Performance of the Mixed RF/FSO Relaying Channel in the Presence of Interference. Wireless Personal Communications, 2017, 96, 2999-3014.	1.8	26
103	On the Distribution of the Sum of Double-Nakagami- m Random Vectors and Application in Randomly Reconfigurable Surfaces. IEEE Transactions on Vehicular Technology, 2022, 71, 7297-7307.	3.9	25
104	Error performance of NOMA VLC systems. , 2017, , .		24
105	Enhancing PHY Security of Cooperative Cognitive Radio Multicast Communications. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 599-613.	4.9	24
106	Energy Detection in Full-Duplex Systems With Residual RF Impairments Over Fading Channels. IEEE Wireless Communications Letters, 2018, 7, 246-249.	3.2	24
107	The K $\hat{=}$ $\hat{=}$ $\hat{=}$ / inverse gamma fading model. , 2015, , .		23
108	An Improved Threshold-Based Channel Selection Scheme for Wireless Communication Systems. IEEE Transactions on Wireless Communications, 2016, 15, 1531-1546.	6.1	23

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109	Relay Selection Based Full-Duplex Cooperative Systems Under Adaptive Transmission. IEEE Wireless Communications Letters, 2017, 6, 602-605.	3.2	23
110	Coverage Performance of NOMA in Wireless Caching Networks. IEEE Communications Letters, 2018, 22, 1458-1461.	2.5	23
111	Optical wireless cochlear implants. Biomedical Optics Express, 2019, 10, 707.	1.5	23
112	Gallager's Exponent Analysis of STBC MIMO Systems over $\hat{\alpha}$ and $\hat{\alpha}^*$ Fading Channels. IEEE Transactions on Communications, 2013, 61, 1028-1039.	4.9	22
113	Backhaul-Aware Joint Traffic Offloading and Time Fraction Allocation for 5G HetNets. IEEE Transactions on Vehicular Technology, 2016, 65, 9224-9235.	3.9	22
114	A Feasibility Study on Network NOMA. IEEE Transactions on Communications, 2018, 66, 4303-4317.	4.9	22
115	How much does I/Q Imbalance affect Secrecy Capacity?. IEEE Communications Letters, 2016, , 1-1.	2.5	21
116	Simultaneous Lightwave Information and Power Transfer (SLIPT) for Indoor IoT Applications. , 2017, , .		21
117	Backscatter Communications Over Correlated Nakagami- m and α Fading Channels. IEEE Transactions on Communications, 2019, 67, 1693-1704.	4.9	21
118	Integrating Broadcasting and NOMA in Full-Duplex Buffer-Aided Opportunistic Relay Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9157-9162.	3.9	21
119	Wireless Federated Learning (WFL) for 6G Networksâ€”Part I: Research Challenges and Future Trends. IEEE Communications Letters, 2022, 26, 3-7.	2.5	21
120	On the Distribution of the Sum of Gamma-Gamma Variates and Application in MIMO Optical Wireless Systems. , 2009, , .		20
121	An efficient approximation to the correlated Nakagami- m sums and its application in equal gain diversity receivers. IEEE Transactions on Wireless Communications, 2010, 9, 302-310.	6.1	20
122	The Diversity Potential of Relay Selection with Practical Channel Estimation. IEEE Transactions on Wireless Communications, 2013, 12, 481-493.	6.1	20
123	Wireless Federated Learning (WFL) for 6G Networksâ€”Part II: The Compute-Then-Transmit NOMA Paradigm. IEEE Communications Letters, 2022, 26, 8-12.	2.5	20
124	On the inverse-Gaussian shadowing. , 2011, , .		19
125	On the Higher Order Statistics of the Channel Capacity in Dispersed Spectrum Cognitive Radio Systems Over Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 3818-3823.	3.9	19
126	Channel Quality Estimation Index (CQEI): A Long-Term Performance Metric for Fading Channels and an Application in EGC Receivers. IEEE Transactions on Wireless Communications, 2007, 6, 3315-3323.	6.1	18

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127	The $\hat{\alpha}^{-1/4}$ / inverse gamma composite fading model. , 2015, , .		18
128	Autonomous Energy Harvesting Base Stations With Minimum Storage Requirements. IEEE Wireless Communications Letters, 2015, 4, 265-268.	3.2	18
129	Guest Editorial Spectrum Sharing and Aggregation for Future Wireless Networks, Part III. IEEE Journal on Selected Areas in Communications, 2017, 35, 1-5.	9.7	18
130	On the Uplink Sum Rate of SCMA System With Randomly Deployed Users. IEEE Wireless Communications Letters, 2017, 6, 338-341.	3.2	18
131	Distributed Uplink-NOMA for Cloud Radio Access Networks. IEEE Communications Letters, 2017, 21, 2274-2277.	2.5	18
132	Optical Adaptive Precoding for Visible Light Communications. IEEE Access, 2018, 6, 22121-22130.	2.6	18
133	Power Adaptation in Buffer-Aided Full-Duplex Relay Networks With Statistical CSI. IEEE Transactions on Vehicular Technology, 2018, 67, 7846-7850.	3.9	18
134	Adaptive generalized selection combining (A-GSC) receivers. IEEE Transactions on Wireless Communications, 2008, 7, 5214-5219.	6.1	17
135	Energy detection under RF impairments for cognitive radio. , 2015, , .		17
136	Throughput-Optimal Link-Layer Design in Power Constrained Hybrid OW/RF Systems. IEEE Journal on Selected Areas in Communications, 2015, 33, 1972-1984.	9.7	17
137	Airborne Radio Access Networks with Simultaneous Lightwave Information and Power Transfer (SLIPT). , 2018, , .		17
138	Simultaneous Lightwave Information and Power Transfer in Underwater Visible Light Communications. , 2019, , .		17
139	Performance Analysis of Cascaded Reconfigurable Intelligent Surface Networks. IEEE Wireless Communications Letters, 2022, 11, 1855-1859.	3.2	17
140	Multi-user techniques in visible light communications: A survey. , 2016, , .		16
141	Signal Quality Assessment for Transdermal Optical Wireless Communications under Pointing Errors. Technologies, 2018, 6, 109.	3.0	16
142	Cooperative Diversity With Mobile Nodes: Capacity Outage Rate and Duration. IEEE Transactions on Information Theory, 2011, 57, 6555-6568.	1.5	15
143	The effects of RF impairments in vehicle-to-vehicle communications. , 2015, , .		15
144	Error Rate and Power Allocation Analysis of Regenerative Networks Over Generalized Fading Channels. IEEE Transactions on Communications, 2016, 64, 1751-1768.	4.9	15

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145	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
146	Li-Fi and Wi-Fi with common backhaul: Coordination and resource allocation. , 2018, , .		15
147	Shadowed FSO/mmWave Systems With Interference. IEEE Transactions on Communications, 2019, 67, 6256-6267.	4.9	15
148	Two-way interference-limited AF relaying over Nakagami-m fading channels. , 2013, , .		14
149	Carrier Aggregation for Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5904-5918.	3.9	14
150	Relay Selection for Buffer-Aided Non-Orthogonal Multiple Access Networks. , 2017, , .		14
151	Mixed RF-VLC Relaying Systems for Interference-Sensitive Mobile Applications. IEEE Transactions on Vehicular Technology, 2020, 69, 11099-11111.	3.9	14
152	Relay Selection in Relay-Assisted Free Space Optical Systems. , 2011, , .		13
153	Two-way interference-limited AF relaying with selection-combining. , 2013, , .		12
154	Cloud Compute-and-Forward With Relay Cooperation. IEEE Transactions on Wireless Communications, 2015, 14, 3415-3428.	6.1	12
155	OFDM-IM vs FQAM: A comparative analysis. , 2016, , .		12
156	Direct Bit Loading With Reduced Complexity and Overhead for Precoded OFDM Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 7169-7173.	3.9	12
157	Buffer-Aided Secure Relay Networks With SWIPT. IEEE Transactions on Vehicular Technology, 2020, 69, 6485-6499.	3.9	12
158	Secure multiuser multiple amplify-and-forward relay networks in presence of multiple eavesdroppers. , 2014, , .		11
159	Smart Decode-and-Forward Relaying with Polar Codes. IEEE Wireless Communications Letters, 2014, 3, 62-65.	3.2	11
160	Average output SNR of equal-gain diversity receivers over correlative Weibull fading channels. European Transactions on Telecommunications, 2005, 16, 521-525.	1.2	10
161	Variable-rate M-PSK communications without channel amplitude estimation. IEEE Transactions on Communications, 2010, 58, 1477-1484.	4.9	10
162	Increasing the Efficiency of Rake Receivers for Ultra-Wideband Applications. Wireless Personal Communications, 2012, 62, 715-728.	1.8	10

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163	On the Effect of Outdated Channel Estimation in Variable Gain Relaying: Error Performance and PAPR. IEEE Transactions on Wireless Communications, 2013, 12, 1084-1097.	6.1	10
164	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
165	Hybrid teaching&learning optimization of wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3194.	2.6	10
166	On the optimal timing of detection in molecular communication systems. , 2017, , .		10
167	Optimal detector design for molecular communication systems using an improved swarm intelligence algorithm. Micro and Nano Letters, 2018, 13, 383-388.	0.6	10
168	Capacity analysis under generalized composite fading conditions. , 2018, , .		10
169	On the Application of NOMA to Wireless Caching. , 2018, , .		10
170	Error analysis of wireless transmission over generalized multipath/shadowing channels. , 2018, , .		10
171	Performance Analysis of Precoded Wireless OFDM With Carrier Frequency Offset. IEEE Systems Journal, 2020, 14, 2237-2248.	2.9	10
172	An efficient algorithm for space-time block code classification. , 2013, , .		9
173	Optimal cooperative spectrum sensing over composite fading channels. , 2015, , .		9
174	Game Theoretic Approach to Demand Side Management in Smart Grid with User-Dependent Acceptance Prices. , 2016, , .		9
175	On the impact of misalignment fading in transdermal optical wireless communications. , 2018, , .		9
176	Unsupervised Machine Learning in 6G Networks -State-of-the-art and Future Trends. , 2021, , .		9
177	Learning to Optimize Resource Assignment for Task Offloading in Mobile Edge Computing. IEEE Communications Letters, 2022, 26, 1303-1307.	2.5	9
178	Switched Diversity Receivers over Correlated Weibull Fading Channels. , 2006, , .		8
179	Lower and upper bounds for the generalized Marcum and Nuttall Q-functions. , 2008, , .		8
180	Effect of Feedback Delay on Downlink Amplify-and-Forward Relaying with Beamforming. , 2009, , .		8

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181	Error Performance of Multidimensional Lattice Constellationsâ€”Part I: A Parallelotope Geometry Based Approach for the AWGN Channel. IEEE Transactions on Communications, 2013, 61, 1088-1098.	4.9	8
182	Guest Editorial: Large-Scale Multiple Antenna Wireless Systems. IEEE Journal on Selected Areas in Communications, 2013, 31, 113-116.	9.7	8
183	The area under a receiver operating characteristic curve over enriched multipath fading conditions. , 2014, , .		8
184	Cooperative spectrum sharing systems with relay selection in the presence of multiple primary receivers. IET Communications, 2014, 8, 546-553.	1.5	8
185	The effects of I/Q imbalance on wireless communications: A survey. , 2016, , .		8
186	5G MmWave Small Cell Networks: Architecture, Self-Organization, and Management. IEEE Wireless Communications, 2018, 25, 8-9.	6.6	8
187	Ergodic Capacity Analysis of Wireless Transmission over Generalized Multipath/Shadowing Channels. , 2018, , .		8
188	An energy efficient modulation scheme for body-centric nano-communications in the THz band. , 2018, , .		8
189	Buffer-Aided Relaying for Downlink NOMA Systems with Direct Links. , 2019, , .		8
190	On the Gain of NOMA in Wireless Powered Networks With Circuit Power Consumption. IEEE Communications Letters, 2019, 23, 1657-1660.	2.5	8
191	Optimal Task Partition and Power Allocation for Mobile Edge Computing with NOMA. , 2019, , .		8
192	Average channel capacity for generalized-selection combining RAKE receivers. European Transactions on Telecommunications, 2004, 15, 497-500.	1.2	7
193	Another Look at Multibranch Switched Diversity Systems. IEEE Communications Letters, 2007, 11, 325-327.	2.5	7
194	On the Inverse Gaussian modeling of rainfall rate and slant path and terrestrial links rain attenuation. , 2012, , .		7
195	Error Performance of Multidimensional Lattice Constellationsâ€”Part II: Evaluation over Fading Channels. IEEE Transactions on Communications, 2013, 61, 1099-1110.	4.9	7
196	How sensitive is compute-and-forward to channel estimation errors?. , 2013, , .		7
197	Performance of SIM-MDPSK FSO Systems With Hardware Imperfections. IEEE Transactions on Wireless Communications, 2017, 16, 5442-5451.	6.1	7
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