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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73 papers	437 citations	11 h-index	17 g-index
85 ext. papers	567 ext. citations	2.4 avg, IF	4.7 L-index

#	Paper	IF	Citations
73	Fairness Analysis of IEEE 802.11 Multirate Wireless LANs. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3073-3088	6.8	50
72	Improving energy efficiency of incremental relay based cooperative communications in wireless body area networks. <i>International Journal of Communication Systems</i> , 2015 , 28, 91-111	1.7	30
71	Full/Half Duplex Cooperative NOMA Under Imperfect Successive Interference Cancellation and Channel State Estimation Errors. <i>IEEE Access</i> , 2019 , 7, 179961-179984	3.5	30
70	Proportional fair resource allocation in vehicle-to-infrastructure networks for drive-thru Internet applications. <i>Computer Communications</i> , 2014 , 40, 33-50	5.1	18
69	Analytical model for connectivity of vehicular ad hoc networks in the presence of channel randomness. <i>International Journal of Communication Systems</i> , 2013 , 26, 927-946	1.7	16
68	Link residual lifetime-based next hop selection scheme for vehicular ad hoc networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017,	3.2	15
67	Link Reliability Based Greedy Perimeter Stateless Routing for Vehicular Ad Hoc Networks. <i>International Journal of Vehicular Technology</i> , 2015 , 2015, 1-16		15
66	Maximizing the data transmission rate of a cooperative relay system in an underwater acoustic channel. <i>International Journal of Communication Systems</i> , 2012 , 25, 231-253	1.7	15
65	Throughput Analysis of Energy Harvesting Enabled Incremental Relaying NOMA System. <i>IEEE Communications Letters</i> , 2020 , 24, 1419-1423	3.8	14
64	Connectivity Analysis of Vehicular Ad Hoc Networks from a Physical Layer Perspective. <i>Wireless Personal Communications</i> , 2013 , 71, 45-70	1.9	14
63	Network connectivity of one-dimensional Vehicular Ad hoc Network 2011 ,		11
62	Performance Analysis of NOMA-Based Underlay Cognitive Radio Networks With Partial Relay Selection. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 4615-4630	6.8	11
61	Analysis of Link Life Time in Vehicular Ad Hoc Networks for Free-Flow Traffic State. <i>Wireless Personal Communications</i> , 2014 , 75, 81-102	1.9	10
60	Optimal packet size for energy efficient WBAN under m-periodic scheduled access mode 2014 ,		10
59			10
58	Packet size optimization for energy efficient cooperative Wireless Body Area Networks 2012 ,		9
57	Energy consumption analysis of modulation schemes in IEEE 802.15.6-based wireless body area networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3.2	8

56	Network Connectivity Probability of Linear Vehicular Ad Hoc Networks on Two-Way Street. <i>Communications and Network</i> , 2012 , 04, 332-341	0.6	8
55	A Hybrid ARQ scheme combining erasure codes and selective retransmissions for reliable data transfer in underwater acoustic sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017,	3.2	7
54	2013 ,		7
53	Fair and efficient resource allocation in IEEE 802.11ah WLAN with heterogeneous data rates. <i>Computer Communications</i> , 2020 , 151, 154-164	5.1	7
52	Optimal power allocation for energy-efficient full-duplex cognitive relay networks under primary interference. <i>IET Communications</i> , 2019 , 13, 3317-3325	1.3	7
51	Non-orthogonal multiple access in full-duplex-based coordinated direct and relay transmission (CDRT) system: performance analysis and optimization. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2020 , 2020,	3.2	6
50	Theoretical maximum throughput of IEEE 802.11ad millimeter wave wireless LAN in the contention based access period: With two level aggregation 2017 ,		6
49	Performance analysis of energy harvesting cognitive relay networks with primary interference. <i>Telecommunication Systems</i> , 2018 , 68, 445-459	2.3	5
48	Probability distribution of link life time in vehicular ad hoc networks 2013 ,		5
47	Performance analysis of IEEE 802.11ah wireless local area network under the restricted access window-based mechanism. <i>International Journal of Communication Systems</i> , 2019 , 32, e3888	1.7	5
46	Performance analysis of erasure coding based data transfer in Underwater Acoustic Sensor Networks 2015 ,		4
45	Ensuring equal outage performance for down-link secondary users in full/half duplex cognitive NOMA systems. <i>IET Communications</i> , 2020 , 14, 63-75	1.3	4
44	Energy efficiency analysis of IEEE 802.15.6 based wireless body area networks in scheduled access mode. <i>Wireless Networks</i> , 2016 , 22, 1441-1459	2.5	4
43	A Probabilistic Model for Link Duration in Vehicular Ad Hoc Networks under Rayleigh Fading Channel Conditions 2015 ,		4
42	Erasure Codes Based Adaptive Multi-hop Reliable Data Transfer for Underwater Acoustic Sensor Networks. <i>Wireless Personal Communications</i> , 2017 , 94, 579-604	1.9	4
41	Model for Path Duration in Vehicular Ad Hoc Networks under Greedy Forwarding Strategy. <i>Procedia Computer Science</i> , 2015 , 48, 394-400	1.6	4
40	Computation of minimum transmit power for network connectivity in vehicular ad hoc networks formed by vehicles with random communication range. <i>International Journal of Communication Systems</i> , 2014 , 27, 931-955	1.7	4
39	Improving aggregate utility in IEEE 802.11p based vehicle-to-infrastructure networks. <i>Telecommunication Systems</i> , 2016 , 61, 359-385	2.3	3

38	Frame length optimization in IEEE 802.15.6 UWB cooperative body area networks 2015 ,		3
37	Minimizing the Total Energy Consumption in Multi-hop UWASNs. <i>Wireless Personal Communications</i> , 2015 , 83, 2693-2709	1.9	3
36	Tuning transmission opportunity (TXOP) limits for providing bit-based fairness in IEEE 802.11p V2I networks 2012 ,		3
35	Selection of minimum transmit power for network connectivity in Vehicular Ad Hoc Networks 2012 ,		3
34	Maximizing Aggregate Saturation Throughput in IEEE 802.11 Wireless LAN with Service Differentiation 2007 , 503-514		3
33	Node Isolation Probability of Wireless Adhoc Networks in Nakagami Fading Channel. <i>International Journal of Computer Networks and Communications</i> , 2010 , 2, 21-36	0.7	3
32	Improving energy efficiency performance of ALOHA based underwater acoustic sensor networks 2016 ,		3
31	Enhancing Reliability of IEEE 802.15.6 Wireless Body Area Networks in Scheduled Access Mode and Error Prone Channels. <i>Wireless Personal Communications</i> , 2016 , 89, 93-118	1.9	3
30	Outage Probability Analysis and Optimization of Cognitive Full-Duplex Relay Networks. <i>Wireless Personal Communications</i> , 2019 , 105, 1329-1352	1.9	2
29	Variable Beam Width Selection for Improving the Throughput of IEEE 802.11ad Wireless LAN in the Contention Based Access Period. <i>International Journal of Wireless Information Networks</i> , 2018 , 25, 57-71	1.9	2
28	Dual-hop full duplex relay networks over composite fading channels: Power and location optimization. <i>Physical Communication</i> , 2018 , 30, 1-14	2.2	2
27	Energy optimal channel attempt rate and packet size for ALOHA based underwater acoustic sensor networks. <i>Telecommunication Systems</i> , 2017 , 65, 429-442	2.3	2
26	A probabilistic model for communication link reliability in vehicular ad hoc networks 2014 ,		2
25	Power Adaptation for Improving the Performance of Time Switching SWIPT-Based Full-Duplex Cooperative NOMA Network. <i>IEEE Communications Letters</i> , 2020 , 24, 2956-2960	3.8	2
24	Saturation throughput analysis of IEEE 802.11ad wireless LAN in the contention based access period(CBAP) 2016 ,		2
23	Performance analysis of nonorthogonal multiple access-based underlay cognitive relay network. <i>International Journal of Communication Systems</i> , 2019 , 32, e3976	1.7	1
22	Modeling and Analysis of Link Duration in Vehicular Ad Hoc Networks Under Different Fading Channel Conditions. <i>International Journal of Wireless Information Networks</i> , 2015 , 22, 157-170	1.9	1
21	Combining contention-based access and dynamic service period allocation for performance improvement in IEEE 802.11ad mmWave WLAN. <i>International Journal of Communication Systems</i> , 2020 , 33, e4304	1.7	1

20	Optimization of decode-and-forward multihop full duplex relay networks under residual-self-interference. <i>Ad Hoc Networks</i> , 2018 , 80, 81-94	4.8	1
19	Improving the performance of hybrid multiple access scheme in millimeter wave wireless personal area networks. <i>Computer Communications</i> , 2018 , 127, 158-171	5.1	1
18	Outage analysis of underlay cognitive NOMA system with cooperative full duplex relaying. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3701	1.9	1
17	Performance Modeling of Link Duration in Vehicular Ad Hoc Networks Under Weibull Fading Channel Conditions. <i>Wireless Personal Communications</i> , 2017 , 96, 6047-6068	1.9	1
16	Relay Placement for Coverage Extension in Cellular Wireless Networks Under Composite Fading Model. <i>International Journal of Wireless Information Networks</i> , 2017 , 24, 329-343	1.9	1
15	Relay location optimization in cognitive full-duplex relay networks 2017 ,		1
14	Performance evaluation of cooperative communication in WBANs with maximal ratio combining 2015 ,		1
13	Prediction of link residual lifetime using Kalman filter in vehicular ad hoc networks 2015 ,		1
12	Service Differentiation Schemes in IEEE 802.11 Wireless LANs with Variable Frame Size. <i>International Journal of Computers and Applications</i> , 2007 , 29, 187-195	0.8	1
11	Multihop full duplex relaying with coherent signaling: Outage probability analysis and power optimization. <i>Ad Hoc Networks</i> , 2020 , 97, 102027	4.8	1
10	Cooperative NOMA system with incremental relaying and energy harvesting: Performance analysis and optimization. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e4075	1.9	1
9	. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	1
8	Full/half duplex cooperative relaying NOMA network under power splitting based SWIPT: Performance analysis and optimization. <i>Physical Communication</i> , 2021 , 46, 101335	2.2	1
7	Outage probability analysis and optimal transmit power allocation for multi-hop full duplex relay network over Nakagami-m fading channels. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018 , 2018,	3.2	1
6	Optimal hop position-based minimum energy routing protocol for underwater acoustic sensor networks. <i>Journal of Engineering</i> , 2015 , 2015, 187-196	0.7	0
5	Performance analysis of power splitting SWIPT-enabled full duplex cooperative NOMA system with direct link. <i>IET Communications</i> , 2021 , 15, 1028-1044	1.3	0
4	Outage and Throughput Analysis of Full Duplex Cooperative NOMA System with Energy Harvesting. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	0
3	Outage Performance Comparison of Dual-Hop Full Duplex Underlay Cognitive Relay Networks. <i>Wireless Personal Communications</i> , 2019 , 106, 1135-1160	1.9	

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| 2 | Performance Evaluation of Forward Error Correction Schemes in Wireless Body Area Networks. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 469-478 | 0.4 |
| 1 | Bit-Based Fairness in IEEE802.11p MAC for Vehicle-to-Infrastructure Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 328-337 | 0.9 |