

Furqan Jameel

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,853
citations

257450

24
h-index

361022

35
g-index

48
all docs

48
docs citations

48
times ranked

1850
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Device-to-Device Communications: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 2133-2168.	39.4	402
2	A Comprehensive Survey on Cooperative Relaying and Jamming Strategies for Physical Layer Security. IEEE Communications Surveys and Tutorials, 2019, 21, 2734-2771.	39.4	181
3	Applications of Backscatter Communications for Healthcare Networks. IEEE Network, 2019, 33, 50-57.	6.9	84
4	Joint Spectral and Energy Efficiency Optimization for Downlink NOMA Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 645-656.	7.9	80
5	Spectral Efficiency Optimization for Next Generation NOMA-Enabled IoT Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 15284-15297.	6.3	76
6	Propagation Channels for mmWave Vehicular Communications: State-of-the-art and Future Research Directions. IEEE Wireless Communications, 2019, 26, 144-150.	9.0	74
7	Efficient power allocation for NOMA-enabled IoT networks in 6G era. Physical Communication, 2020, 39, 101043.	2.1	64
8	Backscatter-Enabled Efficient V2X Communication With Non-Orthogonal Multiple Access. IEEE Transactions on Vehicular Technology, 2021, 70, 1724-1735.	6.3	62
9	Performance Analysis of Downlink NOMA Systems Over κ - μ Shadowed Fading Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 1046-1050.	6.3	56
10	Performance Evaluation of Relay-Aided CR-NOMA for Beyond 5G Communications. IEEE Access, 2020, 8, 134838-134855.	4.2	49
11	Internet of Autonomous Vehicles: Architecture, Features, and Socio-Technological Challenges. IEEE Wireless Communications, 2019, 26, 21-29.	9.0	48
12	Reinforcement Learning in Blockchain-Enabled IIoT Networks: A Survey of Recent Advances and Open Challenges. Sustainability, 2020, 12, 5161.	3.2	48
13	NOMA-Enabled Backscatter Communications: Toward Battery-Free IoT Networks. IEEE Internet of Things Magazine, 2020, 3, 95-101.	2.6	44
14	Efficient Power-Splitting and Resource Allocation for Cellular V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3547-3556.	8.0	40
15	Simultaneous harvest-and-transmit ambient backscatter communications under Rayleigh fading. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	39
16	Joint Power Allocation and Link Selection for Multi-Carrier Buffer Aided Relay Network. Electronics (Switzerland), 2019, 8, 686.	3.1	37
17	Performance Analysis of Cooperative V2V and V2I Communications Under Correlated Fading. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3476-3484.	8.0	35
18	Learning-Based Resource Allocation for Backscatter-Aided Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19676-19690.	8.0	32

#	ARTICLE	IF	CITATIONS
19	Secrecy Outage for Wireless Sensor Networks. IEEE Communications Letters, 2017, 21, 1565-1568.	4.1	31
20	Secure Communications in Three-Step Two-Way Energy Harvesting DF Relaying. IEEE Communications Letters, 2018, 22, 308-311.	4.1	30
21	Multiobjective Optimization of Uplink NOMA-Enabled Vehicle-to-Infrastructure Communication. IEEE Access, 2020, 8, 84467-84478.	4.2	30
22	Joint Spectrum and Energy Optimization of NOMA-Enabled Small-Cell Networks With QoS Guarantee. IEEE Transactions on Vehicular Technology, 2021, 70, 8337-8342.	6.3	30
23	Interference-Aided Vehicular Networks: Future Research Opportunities and Challenges. IEEE Communications Magazine, 2018, 56, 36-42.	6.1	28
24	Efficient Mining Cluster Selection for Blockchain-Based Cellular V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4064-4072.	8.0	26
25	Towards Intelligent IoT Networks: Reinforcement Learning for Reliable Backscatter Communications. , 2019, , .		24
26	Massive MIMO: A survey of recent advances, research issues and future directions. , 2017, , .		22
27	Power Allocation and User Assignment Scheme for beyond 5G Heterogeneous Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-11.	1.2	22
28	Wireless Social Networks: A Survey of Recent Advances, Applications and Challenges. IEEE Access, 2018, 6, 59589-59617.	4.2	20
29	Reinforcement Learning for Scalable and Reliable Power Allocation in SDN-based Backscatter Heterogeneous Network. , 2020, , .		18
30	On secrecy performance of industrial Internet of things. Internet Technology Letters, 2018, 1, e32.	1.9	17
31	Impact of co-channel interference on the performance of VANETs under α - β fading. AFU - International Journal of Electronics and Communications, 2018, 83, 263-269.	2.9	15
32	Performance analysis of VANETs under Rayleigh, Rician, Nakagami-m and Weibull fading. , 2017, , .		13
33	Optimizing Blockchain Networks with Artificial Intelligence: Towards Efficient and Reliable IoT Applications. Internet of Things, 2020, , 299-321.	1.7	10
34	Joint optimization for secure ambient backscatter communication in NOMA-enabled IoT networks. Digital Communications and Networks, 2023, 9, 264-269.	5.0	10
35	Secure Transmission in Cellular V2X Communications Using Deep Q-Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17167-17176.	8.0	8
36	Operator Revenue Analysis for Device-to-Device Communications Overlaying Cellular Network. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
37	Secure communication for separated and integrated receiver architectures in SWIPT. , 2018, , .		6
38	Machine Learning Techniques for Wireless-Powered Ambient Backscatter Communications: Enabling Intelligent IoT Networks in 6G Era. Internet of Things, 2020, , 187-211.	1.7	6
39	Multi-tone Carrier Backscatter Communications for Massive IoT Networks. Internet of Things, 2021, , 39-50.	1.7	5
40	Network security challenges in smart grid. , 2016, , .		4
41	Optimal time switching and power splitting in SWIPT. , 2016, , .		4
42	Analysis of interference in body area networks over generalized fading. , 2016, , .		4
43	Time Slot Management in Backscatter Systems for Large-Scale IoT Networks. Internet of Things, 2021, , 51-65.	1.7	4
44	Analysis of Co-Channel Interference in VANETs under Nakagami-m Fading. , 2016, , .		2
45	High SNR analysis of inter-body interference in Body Area Networks. , 2017, , .		2
46	Physical Layer Security of Energy Harvesting Machine-to-Machine Communication System. , 2019, , 123-153.		2
47	Rogue Device Mitigation in the Internet of Things: A Blockchain-Based Access Control Approach. Mobile Information Systems, 2020, 2020, 1-13.	0.6	1
48	Efficient Mode Selection for D2D Communication in Industrial IoT Networks. , 2020, , .		1