

Farhan Qamar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Joint User Association, Power Allocation, and Throughput Maximization in 5G H-CRAN Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9254-9262.	3.9	38
2	Joint Network Admission Control, Mode Assignment, and Power Allocation in Energy Harvesting Aided D2D Communication. IEEE Transactions on Industrial Informatics, 2020, 16, 1914-1923.	7.2	37
3	Securing Cognitive Radio Networks using blockchains. Future Generation Computer Systems, 2020, 108, 816-826.	4.9	29
4	Energy Efficient Resource Allocation for Energy Harvesting Aided H-CRAN. IEEE Access, 2018, 6, 43990-44001.	2.6	27
5	Chaos Based Enhanced RC5 Algorithm for Security and Integrity of Clinical Images in Remote Health Monitoring. IEEE Access, 2019, 7, 52858-52870.	2.6	25
6	Performance analysis of chaotic FSO communication system under different weather conditions. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3486.	2.6	24
7	Secure Duobinary Signal Transmission in Optical Communication Networks for High Performance & Reliability. IEEE Access, 2017, 5, 17795-17802.	2.6	21
8	Secure EEG Signal Transmission for Remote Health Monitoring Using Optical Chaos. IEEE Access, 2019, 7, 57769-57778.	2.6	19
9	D2D-enabled resource management in secrecy-ensured 5G and beyond Heterogeneous networks. Physical Communication, 2021, 45, 101275.	1.2	16
10	Resource allocation for licensed and unlicensed spectrum in 5G heterogeneous networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3299.	2.6	11
11	Performance Analysis of Modulation Formats for Next Generation RoF Systems. IEEE Access, 2021, 9, 139393-139402.	2.6	10
12	FSO Communication: Benefits, Challenges and Its Analysis in DWDM Communication System. Sir Syed Research Journal of Engineering & Technology, 2021, 9, .	0.2	10
13	Secure Optical QAM Transmission Using Chaos Message Masking. Journal of Optical Communications, 2022, 43, 421-428.	4.0	9
14	A Review on Hybrid Energy Storage Systems in Microgrids. , 2020, , .		9
15	Coordinated Multi-Point Transmission in 5G and Beyond Heterogeneous Networks. , 2020, , .		8
16	Design Issues of Digital and Analog Chaotic RoF Link Using Chaos Message Masking. IEEE Access, 2019, 7, 174042-174050.	2.6	6
17	Dual mode spectroscopic biomedical sensor: Technical considerations for the wireless testbed*. Physica Scripta, 2020, 95, 105206.	1.2	6
18	128-QAM x 8 Channels DWDM Communication for Optical Fiber Networks. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	LTE-Unlicensed and WiFi: Sharing Unlicensed Spectrum in 5GHz Band. , 2019, , .		3
20	Bi-directional Transmission of 800 Gbps Using 40 Channels DWDM System for Long Haul Communication. , 2020, , .		3
21	Design and Analysis of Light Fidelity Network for Indoor Wireless Connectivity. IEEE Access, 2021, 9, 145699-145709.	2.6	3
22	Performance analysis of NRZ and RZ variants for FSO communication system under different weather conditions. Journal of Optical Communications, 2024, 44, s1197-s1204.	4.0	3
23	128-QAM dual-polarization chaotic long-haul system performance evaluation. Journal of Optical Communications, 2024, 44, s1873-s1881.	4.0	3
24	Design and Analysis of Secure RoF Based Communication in 5G Fronthaul. , 2020, , .		2
25	Performance Analysis of WDM Based FSO Communication with Advance Modulation Formats. , 2020, , .		2
26	Joint user association and energy efficiency maximization in beyond 5G heterogeneous networks. International Journal of Communication Systems, 2022, 35, .	1.6	2
27	DWDM system analysis by varying different erbium doped fiber parameters. , 2018, , .		1
28	Joint Network Admission Control, Mode Selection and Power Allocation in Energy Harvesting enabled D2D Communication. , 2019, , .		1
29	Throughput and Energy Efficiency Maximization in Millimeter Wave - Micro Wave HetNets. , 2020, , .		1
30	Energy hub: modeling, control, and optimization. , 2021, , 339-362.		0
31	A review on signal generation techniques in radio over fiber systems. Journal of Optical Communications, 2024, 44, s1681-s1690.	4.0	0
32	Latency Reduction in Optical Metro Networks. , 2020, , .		0