Zubair Fadlullah

List of Publications by Year
in descending order

24	1,374	623734 14	677142 22
papers	citations	h-index	g-index

24	24	24	1687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allocation Schemes for Relay Communications: A Multiband Multichannel Approach Using Game Theory. , 2022, 6, 1-4.		8
2	Deep Learning Models for Magnetic Cardiography Edge Sensors Implementing Noise Processing and Diagnostics. IEEE Access, 2022, 10, 2656-2668.	4.2	8
3	A lightweight federated learning based privacy preserving B5G pandemic response network using unmanned aerial vehicles: A proof-of-concept. Computer Networks, 2022, 205, 108672.	5.1	14
4	Optimal Channel Selection in Hybrid RF/VLC Networks: A Multi-Armed Bandit Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 6853-6858.	6.3	14
5	Optimal Models for Distributing Vaccines in a Pandemic. , 2022, , .		0
6	Deep Learning-Based Context-Aware Video Content Analysis on IoT Devices. Electronics (Switzerland), 2022, 11, 1785.	3.1	4
7	An Intelligent Route Computation Approach Based on Real-Time Deep Learning Strategy for Software Defined Communication Systems. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1554-1565.	4.6	73
8	An Efficient and Lightweight Predictive Channel Assignment Scheme for Multiband B5G-Enabled Massive IoT: A Deep Learning Approach. IEEE Internet of Things Journal, 2021, 8, 5285-5297.	8.7	24
9	Sleeping Contextual/Non-Contextual Thompson Sampling MAB for mmWave D2D Two-Hop Relay Probing. IEEE Transactions on Vehicular Technology, 2021, 70, 12101-12112.	6.3	16
10	A Proof-of-Concept of Ultra-Edge Smart IoT Sensor: A Continuous and Lightweight Arrhythmia Monitoring Approach. IEEE Access, 2021, 9, 26093-26106.	4.2	25
11	UV-CDS: An Energy-Efficient Scheduling of UAVs for Premises Sterilization. IEEE Transactions on Green Communications and Networking, 2021, 5, 1191-1201.	5.5	8
12	LiHEA: Migrating EEG Analytics to Ultra-Edge IoT Devices With Logic-in-Headbands. IEEE Access, 2021, 9, 138834-138848.	4.2	5
13	ST-DeLTA: A Novel Spatial-Temporal Value Network Aided Deep Learning Based Intelligent Network Traffic Control System. IEEE Transactions on Sustainable Computing, 2020, 5, 568-580.	3.1	20
14	DL-CRC: Deep Learning-Based Chest Radiograph Classification for COVID-19 Detection: A Novel Approach. IEEE Access, 2020, 8, 171575-171589.	4.2	108
15	Smart IoT Solutions for Combating the COVID-19 Pandemic. IEEE Internet of Things Magazine, 2020, 3, 10-11.	2.6	9
16	Centralized Versus Heuristic-Based Distributed Channel Allocation to Minimize Packet Transmission Delay for Multiband Relay Networks. IEEE Networking Letters, 2020, 2, 180-184.	1.9	5
17	An Absorbing Markov Chain Based Model to Solve Computation and Communication Tradeoff in GPU-Accelerated MDRUs for Safety Confirmation in Disaster Scenarios. IEEE Transactions on Computers, 2019, 68, 1256-1268.	3.4	1
18	Value Iteration Architecture Based Deep Learning for Intelligent Routing Exploiting Heterogeneous Computing Platforms. IEEE Transactions on Computers, 2019, 68, 939-950.	3.4	29

#	Article	IF	Citations
19	On A Novel Adaptive UAV-Mounted Cloudlet-Aided Recommendation System for LBSNs. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 565-577.	4.6	75
20	On Minimizing Energy Consumption in FiWi Enhanced LTE-A HetNets. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 579-591.	4.6	21
21	On Intelligent Traffic Control for Large-Scale Heterogeneous Networks: A Value Matrix-Based Deep Learning Approach. IEEE Communications Letters, 2018, 22, 2479-2482.	4.1	39
22	An Intelligent Traffic Load Prediction-Based Adaptive Channel Assignment Algorithm in SDN-IoT: A Deep Learning Approach. IEEE Internet of Things Journal, 2018, 5, 5141-5154.	8.7	198
23	Space-Air-Ground Integrated Network: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2714-2741.	39.4	634
24	GT-QoSec: A Game-Theoretic Joint Optimization of QoS and Security for Differentiated Services in Next Generation Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2017, 16, 1037-1050.	9.2	36