Omer Ali

List of Publications by Year
in descending order

15 papers	**116** citations	1684188 **5** h-index	1474206 **9** g-index
15 all docs	**15** docs citations	**15** times ranked	**45** citing authors

#	Article	IF	Citations
1	A Machine Learning Approach for Early COVID-19 Symptoms Identification. Computers, Materials and Continua, 2022, 70, 3803-3820.	1.9	1
2	A Comprehensive Review of Internet of Things: Technology Stack, Middlewares, and Fog/Edge Computing Interface. Sensors, 2022, 22, 995.	3.8	35
3	Battery characterization for wireless sensor network applications to investigate the effect of load on surface temperatures. Royal Society Open Science, 2022, 9, 210870.	2.4	4
4	On-line WSN SoC estimation using Gaussian Process Regression: An Adaptive Machine Learning Approach. AEJ - Alexandria Engineering Journal, 2022, 61, 9831-9848.	6.4	17
5	Elliptic Curve Cryptography based Security on MQTT System for Smart Home Application. , 2022, , .		2
6	Estimation of Battery State-of-Charge using Feedforward Neural Networks. , 2022, , .		4
7	Internet of Things Security: Modelling Smart Industrial Thermostat for Threat Vectors and Common Vulnerabilities. Lecture Notes in Mechanical Engineering, 2021, , 175-186.	0.4	1
8	Adaptive clear channel assessment (A-CCA): Energy efficient method to improve wireless sensor networks (WSNs) operations. AEU - International Journal of Electronics and Communications, 2021, 131, 153603.	2.9	10
9	Emerging IoT domains, current standings and open research challenges: a review. PeerJ Computer Science, 2021, 7, e659.	4.5	14
10	Early COVID-19 Symptoms Identification Using Hybrid Unsupervised Machine Learning Techniques. Computers, Materials and Continua, 2021, 69, 747-766.	1.9	1
11	A MAC Protocol for Energy Efficient Wireless Communication Leveraging Wake-Up Estimations on Sender Data. , 2020, , .		4
12	Bringing intelligence to IoT Edge: Machine Learning based Smart City Image Classification using Microsoft Azure IoT and Custom Vision. Journal of Physics: Conference Series, 2020, 1529, 042076.	0.4	9
13	IoT Devices and Edge gateway provisioning, realtime analytics for simulated and virtually emulated devices. , 2020, , .		3
14	Vehicle Sensors Programming Based On Controller Area Network (CAN) Bus Using Canoe. , 2019, , .		1
15	Analysis of OFDM parameters using Cyclostationary spectrum sensing in cognitive radio. , 2011, , .		10