

Omer Ali

List of Publications by Year in descending order

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15
papers

116
citations

1683354

5
h-index

1473754

9
g-index

15
all docs

15
docs citations

15
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review of Internet of Things: Technology Stack, Middlewares, and Fog/Edge Computing Interface. <i>Sensors</i> , 2022, 22, 995.	2.1	35
2	On-line WSN SoC estimation using Gaussian Process Regression: An Adaptive Machine Learning Approach. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 9831-9848.	3.4	17
3	Emerging IoT domains, current standings and open research challenges: a review. <i>PeerJ Computer Science</i> , 2021, 7, e659.	2.7	14
4	Analysis of OFDM parameters using Cyclostationary spectrum sensing in cognitive radio. , 2011, , .		10
5	Adaptive clear channel assessment (A-CCA): Energy efficient method to improve wireless sensor networks (WSNs) operations. <i>AEU - International Journal of Electronics and Communications</i> , 2021, 131, 153603.	1.7	10
6	Bringing intelligence to IoT Edge: Machine Learning based Smart City Image Classification using Microsoft Azure IoT and Custom Vision. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042076.	0.3	9
7	A MAC Protocol for Energy Efficient Wireless Communication Leveraging Wake-Up Estimations on Sender Data. , 2020, , .		4
8	Battery characterization for wireless sensor network applications to investigate the effect of load on surface temperatures. <i>Royal Society Open Science</i> , 2022, 9, 210870.	1.1	4
9	Estimation of Battery State-of-Charge using Feedforward Neural Networks. , 2022, , .		4
10	IoT Devices and Edge gateway provisioning, realtime analytics for simulated and virtually emulated devices. , 2020, , .		3
11	Elliptic Curve Cryptography based Security on MQTT System for Smart Home Application. , 2022, , .		2
12	Vehicle Sensors Programming Based On Controller Area Network (CAN) Bus Using Canoe. , 2019, , .		1
13	Internet of Things Security: Modelling Smart Industrial Thermostat for Threat Vectors and Common Vulnerabilities. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 175-186.	0.3	1
14	A Machine Learning Approach for Early COVID-19 Symptoms Identification. <i>Computers, Materials and Continua</i> , 2022, 70, 3803-3820.	1.5	1
15	Early COVID-19 Symptoms Identification Using Hybrid Unsupervised Machine Learning Techniques. <i>Computers, Materials and Continua</i> , 2021, 69, 747-766.	1.5	1