Omer Ali

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2448951/publications.pdf

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15	116	1684188 5	1474206 9
papers	citations	h-index	g-index

15	15	15	45
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comprehensive Review of Internet of Things: Technology Stack, Middlewares, and Fog/Edge Computing Interface. Sensors, 2022, 22, 995.	3.8	35
2	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
3	Emerging IoT domains, current standings and open research challenges: a review. PeerJ Computer Science, 2021, 7, e659.	4.5	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. AEU - International Journal of Electronics and Communications, 2021, 131, 153603.	2.9	10
6	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
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. Royal Society Open Science, 2022, 9, 210870.	2.4	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. Lecture Notes in Mechanical Engineering, 2021, , 175-186.	0.4	1
14	A Machine Learning Approach for Early COVID-19 Symptoms Identification. Computers, Materials and Continua, 2022, 70, 3803-3820.	1.9	1
15	Early COVID-19 Symptoms Identification Using Hybrid Unsupervised Machine Learning Techniques. Computers, Materials and Continua, 2021, 69, 747-766.	1.9	1