

Israr Ullah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

403
citations

12
h-index

19
g-index

29
ext. papers

577
ext. citations

2.8
avg, IF

4.55
L-index

#	Paper	IF	Citations
29	Optimization-assisted water supplement mechanism with energy efficiency in IoT based greenhouse. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 10163-10182	1.6	3
28	KP-Rank: a semantic-based unsupervised approach for keyphrase extraction from text data. <i>Multimedia Tools and Applications</i> , 2021 , 80, 12469-12506	2.5	1
27	Modeling and Performance Evaluation of Multi-Class Queuing System with QoS and Priority Constraints. <i>Electronics (Switzerland)</i> , 2021 , 10, 500	2.6	0
26	Toward the Optimal Operation of Hybrid Renewable Energy Resources in Microgrids. <i>Energies</i> , 2020 , 13, 5482	3.1	8
25	Virtualization Based Efficient Service Matching and Discovery in Internet of Things. <i>Electronics (Switzerland)</i> , 2020 , 9, 1007	2.6	
24	An Optimization Scheme Based on Fuzzy Logic Control for Efficient Energy Consumption in Hydroponics Environment. <i>Energies</i> , 2020 , 13, 289	3.1	11
23	A secure fish farm platform based on blockchain for agriculture data integrity. <i>Computers and Electronics in Agriculture</i> , 2020 , 170, 105251	6.5	63
22	A Novel Approach towards the Design and Implementation of Virtual Network Based on Controller in Future IoT Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 604	2.6	7
21	Towards the Design of a Formal Verification and Evaluation Tool of Real-Time Tasks Scheduling of IoT Applications. <i>Sustainability</i> , 2019 , 11, 204	3.6	22
20	An Optimized Fuzzy Logic Control Model Based on a Strategy for the Learning of Membership Functions in an Indoor Environment. <i>Electronics (Switzerland)</i> , 2019 , 8, 132	2.6	10
19	An Adaptive Emergency First Intelligent Scheduling Algorithm for Efficient Task Management and Scheduling in Hybrid of Hard Real-Time and Soft Real-Time Embedded IoT Systems. <i>Sustainability</i> , 2019 , 11, 2192	3.6	13
18	Object detection mechanism based on deep learning algorithm using embedded IoT devices for smart home appliances control in CoT. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 1	3.7	27
17	Improving Accuracy of the Kalman Filter Algorithm in Dynamic Conditions Using ANN-Based Learning Module. <i>Symmetry</i> , 2019 , 11, 94	2.7	12
16	A Stochastic Approach Towards Travel Route Optimization and Recommendation Based on Users Constraints Using Markov Chain. <i>IEEE Access</i> , 2019 , 7, 90760-90776	3.5	10
15	Cloud Based IoT Network Virtualization for Supporting Dynamic Connectivity among Connected Devices. <i>Electronics (Switzerland)</i> , 2019 , 8, 742	2.6	10
14	An efficient energy consumption and user comfort maximization methodology based on learning to optimization and learning to control algorithms. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 6683-6706	1.6	3
13	Occupant Comfort Management Based on Energy Optimization Using an Environment Prediction Model in Smart Homes. <i>Sustainability</i> , 2019 , 11, 997	3.6	12

12	Underground Risk Index Assessment and Prediction Using a Simplified Hierarchical Fuzzy Logic Model and Kalman Filter. <i>Processes</i> , 2018 , 6, 103	2.9	17
11	Analytical Modeling for Underground Risk Assessment in Smart Cities. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 921	2.6	12
10	A Prediction Mechanism of Energy Consumption in Residential Buildings Using Hidden Markov Model. <i>Energies</i> , 2018 , 11, 358	3.1	34
9	Key Concept Identification: A Comprehensive Analysis of Frequency and Topical Graph-Based Approaches. <i>Information (Switzerland)</i> , 2018 , 9, 128	2.6	3
8	A Blended Risk Index Modeling and Visualization Based on Hierarchical Fuzzy Logic for Water Supply Pipelines Assessment and Management. <i>Processes</i> , 2018 , 6, 61	2.9	12
7	An Optimization Scheme for Water Pump Control in Smart Fish Farm with Efficient Energy Consumption. <i>Processes</i> , 2018 , 6, 65	2.9	25
6	An Adaptive Approach Based on Resource-Awareness Towards Power-Efficient Real-Time Periodic Task Modeling on Embedded IoT Devices. <i>Processes</i> , 2018 , 6, 90	2.9	17
5	Key Concept Identification: A Sentence Parse Tree-Based Technique for Candidate Feature Extraction From Unstructured Texts. <i>IEEE Access</i> , 2018 , 6, 60403-60413	3.5	5
4	IoT Services and Virtual Objects Management in Hyperconnected Things Network. <i>Mobile Information Systems</i> , 2018 , 2018, 1-19	1.4	8
3	An Integrated Risk Index Model Based on Hierarchical Fuzzy Logic for Underground Risk Assessment. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1037	2.6	16
2	An Improved Optimization Function for Maximizing User Comfort with Minimum Energy Consumption in Smart Homes. <i>Energies</i> , 2017 , 10, 1818	3.1	29
1	An optimization scheme for IoT based smart greenhouse climate control with efficient energy consumption. <i>Computing (Vienna/New York)</i> , 1	2.2	13