

Israr Ullah

List of Publications by Citations

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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 | 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 |
| 28 | A Prediction Mechanism of Energy Consumption in Residential Buildings Using Hidden Markov Model. <i>Energies</i> , 2018 , 11, 358 | 3.1 | 34 |
| 27 | An Improved Optimization Function for Maximizing User Comfort with Minimum Energy Consumption in Smart Homes. <i>Energies</i> , 2017 , 10, 1818 | 3.1 | 29 |
| 26 | 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 |
| 25 | An Optimization Scheme for Water Pump Control in Smart Fish Farm with Efficient Energy Consumption. <i>Processes</i> , 2018 , 6, 65 | 2.9 | 25 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | An optimization scheme for IoT based smart greenhouse climate control with efficient energy consumption. <i>Computing (Vienna/New York)</i> , 1 | 2.2 | 13 |
| 18 | Improving Accuracy of the Kalman Filter Algorithm in Dynamic Conditions Using ANN-Based Learning Module. <i>Symmetry</i> , 2019 , 11, 94 | 2.7 | 12 |
| 17 | Analytical Modeling for Underground Risk Assessment in Smart Cities. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 921 | 2.6 | 12 |
| 16 | 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 |
| 15 | Occupant Comfort Management Based on Energy Optimization Using an Environment Prediction Model in Smart Homes. <i>Sustainability</i> , 2019 , 11, 997 | 3.6 | 12 |
| 14 | An Optimization Scheme Based on Fuzzy Logic Control for Efficient Energy Consumption in Hydroponics Environment. <i>Energies</i> , 2020 , 13, 289 | 3.1 | 11 |
| 13 | 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 |

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|----|---|-----|----|
| 12 | 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 |
| 11 | Cloud Based IoT Network Virtualization for Supporting Dynamic Connectivity among Connected Devices. <i>Electronics (Switzerland)</i> , 2019 , 8, 742 | 2.6 | 10 |
| 10 | Toward the Optimal Operation of Hybrid Renewable Energy Resources in Microgrids. <i>Energies</i> , 2020 , 13, 5482 | 3.1 | 8 |
| 9 | IoT Services and Virtual Objects Management in Hyperconnected Things Network. <i>Mobile Information Systems</i> , 2018 , 2018, 1-19 | 1.4 | 8 |
| 8 | 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 |
| 7 | 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 |
| 6 | Key Concept Identification: A Comprehensive Analysis of Frequency and Topical Graph-Based Approaches. <i>Information (Switzerland)</i> , 2018 , 9, 128 | 2.6 | 3 |
| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | Modeling and Performance Evaluation of Multi-Class Queuing System with QoS and Priority Constraints. <i>Electronics (Switzerland)</i> , 2021 , 10, 500 | 2.6 | 0 |
| 1 | Virtualization Based Efficient Service Matching and Discovery in Internet of Things. <i>Electronics (Switzerland)</i> , 2020 , 9, 1007 | 2.6 | |