Sehrish Malik

List of Publications by Year
in descending order

18 papers	**273** citations	1039406 **9** h-index	940134 **16** g-index
19 all docs	**19** docs citations	**19** times ranked	**184** citing authors

#	Article	IF	Citations
1	Towards the Design of a Formal Verification and Evaluation Tool of Real-Time Tasks Scheduling of IoT Applications. Sustainability, 2019, 11, 204.	1.6	37
2	An Adaptive Approach Based on Resource-Awareness Towards Power-Efficient Real-Time Periodic Task Modeling on Embedded IoT Devices. Processes, 2018, 6, 90.	1.3	32
3	Prediction-Learning Algorithm for Efficient Energy Consumption in Smart Buildings Based on Particle Regeneration and Velocity Boost in Particle Swarm Optimization Neural Networks. Energies, 2018, 11, 1289.	1.6	31
4	Optimal Travel Route Recommendation Mechanism Based on Neural Networks and Particle Swarm Optimization for Efficient Tourism Using Tourist Vehicular Data. Sustainability, 2019, 11, 3357.	1.6	31
5	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. Sustainability, 2019, 11, 2192.	1.6	26
6	A Hybrid Scheduling Mechanism Based on Agent Cooperation Mechanism and Fair Emergency First in Smart Factory. IEEE Access, 2020, 8, 227064-227075.	2.6	20
7	Comparative Analysis of Simulation Tools with Visualization based on Realtime Task Scheduling Algorithms for IoT Embedded Applications. International Journal of Grid and Distributed Computing, 2018, 11, 1-10.	0.8	16
8	A comparison of RESTful vs. SOAP web services in actuator networks. , 2017, , .		14
9	PSO Based Optimized Ensemble Learning and Feature Selection Approach for Efficient Energy Forecast. Electronics (Switzerland), 2021, 10, 2188.	1.8	14
10	Optimal Control Based on Scheduling for Comfortable Smart Home Environment. IEEE Access, 2020, 8, 218245-218256.	2.6	10
11	Hybrid Inference Based Scheduling Mechanism for Efficient Real Time Task and Resource Management in Smart Cars for Safe Driving. Electronics (Switzerland), 2019, 8, 344.	1.8	9
12	A Feature Selection-Based Predictive-Learning Framework for Optimal Actuator Control in Smart Homes. Actuators, 2021, 10, 84.	1.2	8
13	Enhanced time-constraint aware tasks scheduling mechanism based on predictive optimization for efficient load balancing in smart manufacturing. Journal of Manufacturing Systems, 2022, 64, 19-39.	7.6	7
14	A Novel Approach of IoT Services Orchestration Based on Multiple Sensor and Actuator Platforms Using Virtual Objects in Online IoT App-Store. Sustainability, 2019, 11, 5859.	1.6	5
15	Improved Control Scheduling Based on Learning to Prediction Mechanism for Efficient Machine Maintenance in Smart Factory. Actuators, 2021, 10, 27.	1.2	5
16	Design of Lightweight Driver-Assistance System for Safe Driving in Electric Vehicles. Sensors, 2019, 19, 4761.	2.1	4
17	Geo-Sensor Framework and Composition Toolbox for Efficient Deployment of Multiple Spatial Context Service Platforms in Sensor Networks. Applied Sciences (Switzerland), 2019, 9, 4993.	1.3	2
18	A Criticality-Aware Dynamic Task Scheduling Mechanism for Efficient Resource Load Balancing in Constrained Smart Manufacturing Environment. IEEE Access, 2022, 10, 50933-50946.	2.6	2