

Sohail Iqbal

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

628
citations

933264

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1058333

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24
all docs

24
docs citations

24
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Demand Side Management System with a New Optimized Home Energy Management Controller in Smart Grid. <i>Energies</i> , 2018, 11, 190.	1.6	122
2	Energy Efficient Integration of Renewable Energy Sources in the Smart Grid for Demand Side Management. <i>IEEE Access</i> , 2018, 6, 77077-77096.	2.6	120
3	Time Barrier-Based Emergency Message Dissemination in Vehicular Ad-hoc Networks. <i>IEEE Access</i> , 2019, 7, 16494-16503.	2.6	64
4	IoT Operating System Based Fuzzy Inference System for Home Energy Management System in Smart Buildings. <i>Sensors</i> , 2018, 18, 2802.	2.1	61
5	Optimal Residential Load Scheduling Under Utility and Rooftop Photovoltaic Units. <i>Energies</i> , 2018, 11, 611.	1.6	59
6	Day Ahead Real Time Pricing and Critical Peak Pricing Based Power Scheduling for Smart Homes with Different Duty Cycles. <i>Energies</i> , 2018, 11, 1464.	1.6	44
7	Scheduling Appliances with GA, TLBO, FA, OSR and Their Hybrids Using Chance Constrained Optimization for Smart Homes. <i>Energies</i> , 2018, 11, 888.	1.6	41
8	Position-based emergency message dissemination for Internet of vehicles. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771986158.	1.3	37
9	Neuroscience patient identification using big data and fuzzy logic—An Alzheimer's disease case study. <i>Expert Systems With Applications</i> , 2019, 136, 410-425.	4.4	15
10	Energy Management With a World-Wide Adaptive Thermostat Using Fuzzy Inference System. <i>IEEE Access</i> , 2018, 6, 33489-33502.	2.6	14
11	Optimal Fuzzy Energy Trading System in a Fog-Enabled Smart Grid. <i>Energies</i> , 2021, 14, 881.	1.6	9
12	Improving Quality of Experience Using Fuzzy Controller for Smart Homes. <i>IEEE Access</i> , 2022, 10, 11892-11908.	2.6	7
13	A Hardware Architecture for Difference of Gaussian Calculation in Image Feature Extraction. , 2014, , .		6
14	Control of robotic arm manipulator with haptic feedback using programmable system on chip. , 2014, , .		6
15	Analysis of Weather Forecasting Model in PRISM. , 2014, , .		4
16	Controlling energy consumption with the world-wide adaptive thermostat using fuzzy inference system in smart grid. , 2017, , .		4
17	Automatic Car Braking System using Fuzzy Logic Controller with Environmental Factors. , 2019, , .		4
18	A multi-agent framework for cloud-based management of collaborative robots. <i>International Journal of Advanced Robotic Systems</i> , 2018, 15, 172988141878507.	1.3	3

#	ARTICLE	IF	CITATIONS
19	MedCloud: Cloud-Based Disease Surveillance and Information Management System. IEEE Access, 2020, 8, 81271-81282.	2.6	3
20	Energy Optimization in Smart Buildings using Intelligent Fuzzy Ventilation. , 2019, , .		2
21	Multiple leaf nodes based parse trees for News Fetching Systems. , 2012, , .		1
22	Low cost tactile, force and size feedback system for surgical robotics. , 2012, , .		1
23	Deriving mechanical properties from CT scan for surgical simulation. , 2013, , .		1
24	Fuzzy Logic based Enhanced Healthcare System for Elderly People (EHSEP). , 2019, , .		0