Rabiya Khalid

List of Publications by Year
in descending order

28 papers	717 citations	933410 10 h-index	752679 20 g-index
29 all docs	29 docs citations	29 times ranked	753 citing authors

#	Article	IF	Citations
1	A Secure Data Sharing Platform Using Blockchain and Interplanetary File System. Sustainability, 2019, 11, 7054.	3.2	152
2	A Blockchain-Based Load Balancing in Decentralized Hybrid P2P Energy Trading Market in Smart Grid. IEEE Access, 2020, 8, 47047-47062.	4.2	114
3	A survey on hyperparameters optimization algorithms of forecasting models in smart grid. Sustainable Cities and Society, 2020, 61, 102275.	10.4	85
4	Fuzzy energy management controller and scheduler for smart homes. Sustainable Computing: Informatics and Systems, 2019, 21, 103-118.	2.2	61
5	Blockchain Based Data and Energy Trading in Internet of Electric Vehicles. IEEE Access, 2021, 9, 7000-7020.	4.2	57
6	A blockchain based incentive provisioning scheme for traffic event validation and information storage in VANETs. Information Processing and Management, 2021, 58, 102464.	8.6	56
7	Electricity Load and Price Forecasting Using Jaya-Long Short Term Memory (JLSTM) in Smart Grids. Entropy, 2020, 22, 10.	2.2	55
8	A Secure Trust Method for Multi-Agent System in Smart Grids Using Blockchain. IEEE Access, 2021, 9, 59848-59859.	4.2	23
9	A Meta-Heuristic Home Energy Management System. , 2017, , .		22
10	A blockchain-based decentralized energy management in a P2P trading system. , 2020, , .		12
11	A consortium blockchain based energy trading scheme for Electric Vehicles in smart cities. Journal of Information Security and Applications, 2021, 63, 102998.	2.5	11
12	A Secure and Efficient Energy Trading Model Using Blockchain for a 5G-Deployed Smart Community. Wireless Communications and Mobile Computing, 2022, 2022, 1-27.	1.2	11
13	Big Data Analytics for Price and Load Forecasting in Smart Grids. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 77-87.	0.7	10
14	Cuckoo Search Optimization Technique for Multi-objective Home Energy Management. Advances in Intelligent Systems and Computing, 2018, , 520-529.	0.6	9
15	Managing Energy in Smart Homes Using Binary Particle Swarm Optimization. Advances in Intelligent Systems and Computing, 2018, , 189-196.	0.6	6
16	ELS-Net: A New Approach to Forecast Decomposed Intrinsic Mode Functions of Electricity Load. IEEE Access, 2020, 8, 198935-198949.	4.2	6
17	An Optimized Priority Enabled Energy Management System for Smart Homes. , 2017, , .		5
18	A Blockchain based Privacy-Preserving System for Electric Vehicles through Local Communication. , 2020, , .		4

#	Article	IF	Citations
19	DE-RUSBoost: An Efficient Electricity Theft Detection Scheme with Additive Communication Layer. , 2020, , .		4
20	Residential Demand Side Management in Smart Grid Using Meta-Heuristic Techniques. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 76-88.	0.7	3
21	Optimal Residential Load Scheduling Under Utility and Rooftop Photovoltaic Units. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 142-153.	0.7	3
22	A Blockchain-based Privacy-Preserving Mechanism with Aggregator as Common Communication Point. , 2020, , .		2
23	Enhanced Classification with Logistic Regression for Short Term Price and Load Forecasting in Smart Homes. , 2020, , .		2
24	An Efficient Scheduling of Electrical Appliance in Micro Grid Based on Heuristic Techniques. Advances in Intelligent Systems and Computing, 2018, , 164-173.	0.6	1
25	GreyWolf Optimization Technique for HEMS Using Day Ahead Pricing Scheme. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 25-36.	0.7	1
26	Implementing Critical Peak Pricing in Home Energy Management Using Biography BasedÂOptimization and Genetic Algorithm inÂSmart Grid. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 560-569.	0.7	1
27	Home Energy Management in Smart Grid Using Bacterial Foraging and Strawberry Algorithm. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 547-559.	0.7	0
28	Case Study of Direct Communication based Solar Power Systems in Sub-Saharan Africa for Levelled Energy Cost using Blockchain. , 2020, , .		0