Muhammad Umar Javed

List of Publications by Year
in descending order

18	512	933447	1058476
papers	citations	10	14
		h-index	g-index

19	19	19	399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blockchain based secure, efficient and coordinated energy trading and data sharing between electric vehicles. Cluster Computing, 2022, 25, 1839-1867.	5.0	16
2	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
3	AlexNet, AdaBoost and Artificial Bee Colony Based Hybrid Model for Electricity Theft Detection in Smart Grids. IEEE Access, 2022, 10, 18681-18694.	4.2	31
4	Synthetic Theft Attacks and Long Short Term Memory-Based Preprocessing for Electricity Theft Detection Using Gated Recurrent Unit. Energies, 2022, 15, 2778.	3.1	18
5	Electricity Consumption Forecasting Using Gated-FCN With Ensemble Strategy. IEEE Access, 2021, 9, 131365-131381.	4.2	7
6	An adaptive synthesis to handle imbalanced big data with deep siamese network for electricity theft detection in smart grids. Journal of Parallel and Distributed Computing, 2021, 153, 44-52.	4.1	40
7	Blockchain Based Data and Energy Trading in Internet of Electric Vehicles. IEEE Access, 2021, 9, 7000-7020.	4.2	57
8	Secure Energy Trading for Electric Vehicles using Consortium Blockchain and k-Nearest Neighbor. , 2020, , .		6
9	Conditional Anonymity enabled Blockchain-based Ad Dissemination in Vehicular Ad-hoc Network. , 2020, , .		1
10	Blockchain-Based Energy Trading and Load Balancing Using Contract Theory and Reputation in a Smart Community. IEEE Access, 2020, 8, 222168-222186.	4.2	35
11	Short-Term Load and Price Forecasting based on Improved Convolutional Neural Network. , 2020, , .		5
12	Enhanced Classification with Logistic Regression for Short Term Price and Load Forecasting in Smart Homes. , 2020, , .		2
13	A Blockchain-Based Load Balancing in Decentralized Hybrid P2P Energy Trading Market in Smart Grid. IEEE Access, 2020, 8, 47047-47062.	4.2	114
14	Blockchain-Based Secure Data Storage for Distributed Vehicular Networks. Applied Sciences (Switzerland), 2020, 10, 2011.	2.5	66
15	Cost Efficient Real Time Electricity Management Services for Green Community Using Fog. Energies, 2020, 13, 3164.	3.1	5
16	Scheduling Charging of Electric Vehicles in a Secured Manner by Emphasizing Cost Minimization Using Blockchain Technology and IPFS. Sustainability, 2020, 12, 5151.	3.2	23
17	Short-Term Electric Load and Price Forecasting Using Enhanced Extreme Learning Machine Optimization in Smart Grids. Energies, 2019, 12, 866.	3.1	57
18	Scheduling Charging of Electric Vehicles in a Secured Manner using Blockchain Technology. , 2019, , .		9