

# Muhammad Umar Javed

## List of Publications by Year in descending order

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docs citations

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times ranked

399  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Blockchain-Based Load Balancing in Decentralized Hybrid P2P Energy Trading Market in Smart Grid. IEEE Access, 2020, 8, 47047-47062.	4.2	114
2	Blockchain-Based Secure Data Storage for Distributed Vehicular Networks. Applied Sciences (Switzerland), 2020, 10, 2011.	2.5	66
3	Short-Term Electric Load and Price Forecasting Using Enhanced Extreme Learning Machine Optimization in Smart Grids. Energies, 2019, 12, 866.	3.1	57
4	Blockchain Based Data and Energy Trading in Internet of Electric Vehicles. IEEE Access, 2021, 9, 7000-7020.	4.2	57
5	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
6	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
7	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
8	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
9	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
10	Blockchain based secure, efficient and coordinated energy trading and data sharing between electric vehicles. Cluster Computing, 2022, 25, 1839-1867.	5.0	16
11	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
12	Scheduling Charging of Electric Vehicles in a Secured Manner using Blockchain Technology. , 2019, , ,		9
13	Electricity Consumption Forecasting Using Gated-FCN With Ensemble Strategy. IEEE Access, 2021, 9, 131365-131381.	4.2	7
14	Secure Energy Trading for Electric Vehicles using Consortium Blockchain and k-Nearest Neighbor. , 2020, , ,		6
15	Short-Term Load and Price Forecasting based on Improved Convolutional Neural Network. , 2020, , ,		5
16	Cost Efficient Real Time Electricity Management Services for Green Community Using Fog. Energies, 2020, 13, 3164.	3.1	5
17	Enhanced Classification with Logistic Regression for Short Term Price and Load Forecasting in Smart Homes. , 2020, , ,		2
18	Conditional Anonymity enabled Blockchain-based Ad Dissemination in Vehicular Ad-hoc Network. , 2020, , ,		1