

Mohd Wazir Mustafa

List of Publications by Year in descending order

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papers

553
citations

687363

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36
times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Voltage and Frequency Control of an Islanded Microgrid using Grasshopper Optimization Algorithm. <i>Energies</i> , 2018, 11, 3191.	3.1	66
2	Ensemble Bagged Tree Based Classification for Reducing Non-Technical Losses in Multan Electric Power Company of Pakistan. <i>Electronics (Switzerland)</i> , 2019, 8, 860.	3.1	61
3	Swarm Intelligence-Based Optimization Techniques for Dynamic Response and Power Quality Enhancement of AC Microgrids: A Comprehensive Review. <i>IEEE Access</i> , 2020, 8, 75986-76001.	4.2	42
4	Optimal Power Flow Controller for Grid-Connected Microgrids using Grasshopper Optimization Algorithm. <i>Electronics (Switzerland)</i> , 2019, 8, 111.	3.1	41
5	A critical review of the state-of-art schemes for under voltage load shedding. <i>International Transactions on Electrical Energy Systems</i> , 2019, 29, e2828.	1.9	36
6	Salp Swarm Optimization Algorithm-Based Controller for Dynamic Response and Power Quality Enhancement of an Islanded Microgrid. <i>Processes</i> , 2019, 7, 840.	2.8	36
7	An Improved Algorithm for Optimal Load Shedding in Power Systems. <i>Energies</i> , 2018, 11, 1808.	3.1	31
8	Transmission loss and load flow allocations via genetic algorithm technique. , 2009, , .		28
9	Detection of Non-Technical Losses in Power Utilities”A Comprehensive Systematic Review. <i>Energies</i> , 2020, 13, 4727.	3.1	28
10	Modified Firefly Algorithm in solving economic dispatch problems with practical constraints. , 2012, , .		23
11	An Efficient Boosted C5.0 Decision-Tree-Based Classification Approach for Detecting Non-Technical Losses in Power Utilities. <i>Energies</i> , 2020, 13, 3242.	3.1	23
12	Electricity theft detection by sources of threats for smart city planning. <i>IET Smart Cities</i> , 2019, 1, 52-60.	3.1	22
13	Dynamic response enhancement of grid-tied ac microgrid using salp swarm optimization algorithm. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12321.	1.9	18
14	Regulation of Voltage and Frequency in Solid Oxide Fuel Cell-Based Autonomous Microgrids Using the Whales Optimisation Algorithm. <i>Energies</i> , 2018, 11, 1318.	3.1	16
15	Computational Intelligence-Based Optimization Methods for Power Quality and Dynamic Response Enhancement of ac Microgrids. <i>Energies</i> , 2020, 13, 4063.	3.1	13
16	A novel unsupervised feature-based approach for electricity theft detection using robust PCA and outlier removal clustering algorithm. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12572.	1.9	11
17	A Novel Feature-Engineered Boost Machine-Learning Framework for Fraud Detection in Electric Power Consumption Data. <i>Sensors</i> , 2021, 21, 8423.	3.8	11
18	Electric theft detection in advanced metering infrastructure using Jaya optimized combined Kernel-Tree boosting classifier”A novel sequentially executed supervised machine learning approach. <i>IET Generation, Transmission and Distribution</i> , 2022, 16, 1257-1275.	2.5	6

#	ARTICLE	IF	CITATIONS
19	A hybrid voltageâ€current compensator using a synchronous reference frame technique for gridâ€connected microgrid under nonlinear load conditions. International Transactions on Electrical Energy Systems, 2020, 30, e12530.	1.9	5
20	Improving Transient Behavior of a Brushless Doubly Fed Induction Generator through Reactive Current Control of Grid-Side Converter. Electronics (Switzerland), 2021, 10, 1413.	3.1	5
21	Power flow allocation method with the application of hybrid genetic algorithm-least squares support vector machine. , 2010, , .		4
22	Real power transfer allocation via Continuous Genetic Algorithm-Least Squares Support Vector Machine technique. , 2010, , .		4
23	Optimal strategies modelling of demand response in electricity market for integration of intermittent resources. , 2014, , .		4
24	Transmission loss allocation in deregulated power system via superposition and proportional tree methods. , 2008, , .		3
25	An Adjusted Weight Metric to Quantify Flexibility Available in Conventional Generators for Low Carbon Power Systems. Energies, 2020, 13, 5658.	3.1	3
26	Preference Comparison of AI Power Tracing Techniques for Deregulated Power Markets. Advances in Artificial Intelligence, 2012, 2012, 1-9.	0.9	2
27	A method for real power transfer allocation using multivariable regression analysis. Journal of Central South University, 2012, 19, 179-186.	3.0	2
28	An Improved Walsh Function Algorithm for Use in Sinusoidal and Nonsinusoidal Power Components Measurement. Journal of Energy, 2013, 2013, 1-10.	3.2	2
29	An improved threeâ€phase reactive power measurement algorithm using walsh functions transform. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 7-14.	1.4	2
30	Tracing the real power transfer of individual generators to loads using Least Squares Support Vector Machine with Continuous Genetic Algorithm. , 2011, , .		1
31	Magnetostriction assessment of power transformer (a case study of 30/40MVA, 132/33 kV transformer) Tj ETQq1 1 0.784314 rgBT /O		1
32	Improved Grey Wolf Optimization Algorithm for Overcurrent Relays Coordination. , 2018, , .		1
33	Monitoring Fault Diagnosis Based on Phasor Measurement Unit at Wide Area Systems. , 2019, , .		1
34	Assessment of the influence of wind energy incorporated capacity benefit margin in ATC computation. International Journal of Applied Power Engineering (IJAPE), 2022, 11, 145.	0.2	1
35	A User Friendly Simulation Tool for Power Flow and Tracing Analysis. , 2006, , .		0
36	A systematic approach for evaluating the accuracy of overhead line fault location using the traveling wave method. , 2021, , .		0