

Kashif Mehmood

List of Publications by Year in descending order

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papers

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citations

933447

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docs citations

20
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Energy System Modeling of China for 2020 by Incorporating Demand Response, Heat Pump and Thermal Storage. IEEE Access, 2019, 7, 40095-40108.	4.2	71
2	A Novel Algorithm for MPPT of an Isolated PV System Using Push Pull Converter with Fuzzy Logic Controller. Energies, 2020, 13, 4007.	3.1	59
3	Improved virtual synchronous generator control to analyse and enhance the transient stability of microgrid. IET Renewable Power Generation, 2020, 14, 495-505.	3.1	44
4	Optimizing Size of Variable Renewable Energy Sources by Incorporating Energy Storage and Demand Response. IEEE Access, 2019, 7, 103115-103126.	4.2	38
5	Short-term optimal scheduling of hydro-thermal power plants using artificial bee colony algorithm. Energy Reports, 2020, 6, 984-992.	5.1	29
6	Efficacious pitch angle control of variable-speed wind turbine using fuzzy based predictive controller. Energy Reports, 2020, 6, 423-427.	5.1	24
7	Virtual synchronous generator: Modifications, stability assessment and future applications. Energy Reports, 2022, 8, 1704-1717.	5.1	17
8	Short term power dispatch using neural network based ensemble classifier. Journal of Energy Storage, 2021, 33, 102101.	8.1	16
9	A comprehensive review on magnetically controllable reactor: Modelling, applications and future prospects. Energy Reports, 2021, 7, 2354-2378.	5.1	16
10	Optimal Power Generation in Energy-Deficient Scenarios Using Bagging Ensembles. IEEE Access, 2019, 7, 155917-155929.	4.2	13
11	Optimal control of high-power density hybrid electric vehicle charger. Energy Reports, 2021, 7, 194-207.	5.1	11
12	Fast excitation control strategy for typical magnetically controllable reactor for reactive power compensation. International Journal of Electrical Power and Energy Systems, 2021, 129, 106757.	5.5	10
13	Optimization of power flow by using Hamiltonian technique. Energy Reports, 2020, 6, 2267-2275.	5.1	9
14	Dual-transformer-based hybrid resonant three-level ZCS converter. Energy Reports, 2021, 7, 421-429.	5.1	8
15	Short Term Load Forecasting Using Bootstrap Aggregating Based Ensemble Artificial Neural Network. Recent Advances in Electrical and Electronic Engineering, 2020, 13, 980-992.	0.3	7
16	Voltage-current Double Loop Control Strategy for Magnetically Controllable Reactor Based Reactive Power Compensation. , 2019, , .		6
17	Modified control of Virtual Synchronous Generator for Microgrid Stability Improvement. , 2021, , .		3
18	Magnetically controllable reactor based multi-FACTS coordination control strategy. International Journal of Electrical Power and Energy Systems, 2021, 133, 107272.	5.5	3

#	ARTICLE	IF	CITATIONS
19	Hybrid resonant three-level ZCS converter suitable for photovoltaic power MVDC distribution network. IET Renewable Power Generation, 2020, 14, 1956-1963.	3.1	3
20	Modelling and Implementation of Microprocessor Based Numerical Relay for Protection Against Over/Under Current, Over/Under Voltage. Journal of Computational and Theoretical Nanoscience, 2020, 17, 1332-1338.	0.4	2