Kashif Mehmood

List of Publications by Year
in descending order

20 papers	389 citations	933447 10 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	326 citing authors

#	Article	IF	Citations
1	Virtual synchronous generator: Modifications, stability assessment and future applications. Energy Reports, 2022, 8, 1704-1717.	5.1	17
2	Short term power dispatch using neural network based ensemble classifier. Journal of Energy Storage, 2021, 33, 102101.	8.1	16
3	Optimal control of high-power density hybrid electric vehicle charger. Energy Reports, 2021, 7, 194-207.	5.1	11
4	Modified control of Virtual Synchronous Generator for Microgrid Stability Improvement. , 2021, , .		3
5	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
6	A comprehensive review on magnetically controllable reactor: Modelling, applications and future prospects. Energy Reports, 2021, 7, 2354-2378.	5.1	16
7	Dual-transformer-based hybrid resonant three-level ZCS converter. Energy Reports, 2021, 7, 421-429.	5.1	8
8	Magnetically controllable reactor based multi-FACTS coordination control strategy. International Journal of Electrical Power and Energy Systems, 2021, 133, 107272.	5.5	3
9	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
10	Optimization of power flow by using Hamiltonian technique. Energy Reports, 2020, 6, 2267-2275.	5.1	9
11	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
12	Short-term optimal scheduling of hydro-thermal power plants using artificial bee colony algorithm. Energy Reports, 2020, 6, 984-992.	5.1	29
13	Efficacious pitch angle control of variable-speed wind turbine using fuzzy based predictive controller. Energy Reports, 2020, 6, 423-427.	5.1	24
14	Hybrid resonant three‐level ZCS converter suitable for photovoltaic power MVDC distribution network. IET Renewable Power Generation, 2020, 14, 1956-1963.	3.1	3
15	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
16	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
17	Optimizing Size of Variable Renewable Energy Sources by Incorporating Energy Storage and Demand Response. IEEE Access, 2019, 7, 103115-103126.	4.2	38
18	Optimal Power Generation in Energy-Deficient Scenarios Using Bagging Ensembles. IEEE Access, 2019, 7, 155917-155929.	4.2	13

#	Article	IF	Citations
19	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
20	Voltage-current Double Loop Control Strategy for Magnetically Controllable Reactor Based Reactive Power Compensation. , 2019, , .		6