BishoyESedhom

List of Publications by Year
in descending order

17 papers	390 citations	759233 12 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	267 citing authors

#	Article	IF	Citations
1	Adaptive Protection Scheme for FREEDM Microgrid Based on Convolutional Neural Network and Gorilla Troops Optimization Technique. IEEE Access, 2022, 10, 55583-55601.	4.2	16
2	Intelligent Distance Relay based on IEC 61850 for DC Zonal Shipboard Microgrid Protection. , 2022, , .		3
3	IoT-based optimal demand side management and control scheme for smart microgrid. International Journal of Electrical Power and Energy Systems, 2021, 127, 106674.	5.5	64
4	A New Decentralized Control Strategy of Microgrids in the Internet of Energy Paradigm. Energies, 2021, 14, 2183.	3.1	39
5	A new approach for integrating wave energy to the grid by an efficient control system for maximum power based on different optimization techniques. International Journal of Electrical Power and Energy Systems, 2021, 128, 106800.	5.5	16
6	Consensus Algorithm-based Coalition Game Theory for Demand Management Scheme in Smart Microgrid. Sustainable Cities and Society, 2021, 74, 103248.	10.4	32
7	Distributed secondary consensus fault tolerant control method for voltage and frequency restoration and power sharing control in multi-agent microgrid. International Journal of Electrical Power and Energy Systems, 2021, 133, 107251.	5.5	41
8	IoT Technology-Based Protection Scheme for MT-HVDC Transmission Grids With Restoration Algorithm Using Support Vector Machine. IEEE Access, 2021, 9, 86268-86284.	4.2	18
9	Impact and assessment of the overvoltage mitigation methods in low‐voltage distribution networks with excessive penetration of PV systems: A review. International Transactions on Electrical Energy Systems, 2021, 31, e13161.	1.9	4
10	Pilot Distance Protection Scheme for DC Zonal Shipboard Microgrid. , 2021, , .		4
11	Hierarchical control technique-based harmony search optimization algorithm versus model predictive control for autonomous smart microgrids. International Journal of Electrical Power and Energy Systems, 2020, 115, 105511.	5.5	42
12	A multistage H∞‐based controller for adjusting voltage and frequency and improving power quality in islanded microgrids. International Transactions on Electrical Energy Systems, 2020, 30, e12143.	1.9	9
13	Robust Control Technique in an Autonomous Microgrid: A Multi-stage $$Hinfty$$ Controller Based on Harmony Search Algorithm. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 377-402.	2.3	8
14	A harmony search-based H-infinity control method for islanded microgrid. ISA Transactions, 2020, 99, 252-269.	5.7	27
15	H‐infinity versus model predictive control methods for seamless transition between islanded‐and grid‐connected modes of microgrids. IET Renewable Power Generation, 2020, 14, 856-870.	3.1	16
16	Robust adaptive H‐infinity based controller for islanded microgrid supplying non‐linear and unbalanced loads. IET Smart Grid, 2019, 2, 420-435.	2.2	23
17	Proposed Sandia frequency shift for anti-islanding detection method based on artificial immune system. AEJ - Alexandria Engineering Journal, 2018, 57, 235-245.	6.4	28