Farag K Abo-Elyousr

List of Publications by Year
in descending order

23 papers	370 citations	840776 11 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	277 citing authors

#	Article	IF	Citations
1	Performance Analysis of Maximum Power Point Tracking for Two Techniques with Direct Control of Photovoltaic Grid -Connected Systems. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 413-434.	2.3	12
2	Heuristic Greedy Scheduling of Electric Vehicles in Vehicle-to-Grid Microgrid Owned Aggregators. Sensors, 2022, 22, 2408.	3.8	5
3	Performance improvement of hybrid renewable energy sources connected to the grid using artificial neural network and sliding mode control. Journal of Power Electronics, 2021, 21, 1166.	1.5	24
4	Energy Harvesting and Water Saving in Arid Regions via Solar PV Accommodation in Irrigation Canals. Energies, 2021, 14, 2620.	3.1	42
5	Optimal Economic and Environmental Indices for Hybrid PV/Wind-Based Battery Storage System. Journal of Electrical Engineering and Technology, 2021, 16, 2847-2862.	2.0	20
6	Efficient metaheuristic Utopia-based multi-objective solutions of optimal battery-mix storage for microgrids. Journal of Cleaner Production, 2021, 303, 127038.	9.3	30
7	Design of PID Controller with Grid Connected Hybrid Renewable Energy System Using Optimization Algorithms. Journal of Electrical Engineering and Technology, 2021, 16, 3219-3233.	2.0	14
8	Prospective hydrogen-based microgrid systems for optimal leverage via metaheuristic approaches. Applied Energy, 2021, 300, 117384.	10.1	27
9	Practicality of Wave Energy Conversion Systems at the Northern Egyptian Sea Water. , 2021, , .		0
10	A novel modified robust load frequency controller scheme. Energy Systems, 2020, 11, 1175-1198.	3.0	7
11	MPPT-Based Particle Swarm and Cuckoo Search Algorithms for PV Systems. Green Energy and Technology, 2020, , 379-400.	0.6	20
12	Oscillation Damping for Wind Energy Conversion System with Doubly Fed Induction Generator Association with Synchronous Generator. Energies, 2020, 13, 5067.	3.1	7
13	Fractional Order PI Control in Hybrid Renewable Power Generation System to Three Phase Grid Connection. International Journal on Electrical Engineering and Informatics, 2020, 12, 470-493.	0.5	8
14	Optimal Scheduling of Interconnected AC/DC Combined Heat and Power System Microgrids with Multiple Fuel Options. Energy Procedia, 2019, 162, 285-295.	1.8	3
15	A Novel Modified Robust Load Frequency Control for Mass-Less Inertia Photovoltaics Penetrations via Hybrid PSO-WOA Approach. Electric Power Components and Systems, 2019, 47, 1744-1758.	1.8	20
16	Multi-Area Hydrothermal Interconnected Load Frequency Control with Double-Fed Induction-Generator-Based Wind Turbine via Improved Harmony Algorithm. Electric Power Components and Systems, 2018, 46, 615-628.	1.8	17
17	Bi-objective economic feasibility of hybrid micro-grid systems with multiple fuel options for islanded areas in Egypt. Renewable Energy, 2018, 128, 37-56.	8.9	77
18	Optimal PI microcontroller-based realization for technical trends of single-stage single-phase grid-tied PV. Engineering Science and Technology, an International Journal, 2018, 21, 945-956.	3.2	11

#	Article	IF	Citations
19	Evaluation of Flashover Voltage Levels of Contaminated Hydrophobic Polymer Insulators Using Regression Trees, Neural Networks, and Adaptive Neuro-Fuzzy. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	5
20	Implementation of MPPT Algorithm for Single-Stage Grid-Connected Photovoltaic system by using incremental conductance method. Renewable Energy and Sustainable Development, 2018, 4, 57.	0.5	3
21	Load frequency controller design for two area interconnected power system with DFIG based wind turbine via ant colony algorithm. , 2016, , .		13
22	Fuzzy FACTS voltage regulator for isolated wind energy conversion systems under different wind speed and loading conditions. , 2016, , .		2
23	Characterization and effectiveness of an ultracapacitor bank to enhance a battery electric vehicle energy storage system dynamics. , 2013, , .		3