

# Farag K Abo-Elyousr

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3205749/publications.pdf>

Version: 2024-02-01

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	Bi-objective economic feasibility of hybrid micro-grid systems with multiple fuel options for islanded areas in Egypt. <i>Renewable Energy</i> , 2018, 128, 37-56.	8.9	77
2	Energy Harvesting and Water Saving in Arid Regions via Solar PV Accommodation in Irrigation Canals. <i>Energies</i> , 2021, 14, 2620.	3.1	42
3	Efficient metaheuristic Utopia-based multi-objective solutions of optimal battery-mix storage for microgrids. <i>Journal of Cleaner Production</i> , 2021, 303, 127038.	9.3	30
4	Prospective hydrogen-based microgrid systems for optimal leverage via metaheuristic approaches. <i>Applied Energy</i> , 2021, 300, 117384.	10.1	27
5	Performance improvement of hybrid renewable energy sources connected to the grid using artificial neural network and sliding mode control. <i>Journal of Power Electronics</i> , 2021, 21, 1166.	1.5	24
6	A Novel Modified Robust Load Frequency Control for Mass-Less Inertia Photovoltaics Penetrations via Hybrid PSO-WOA Approach. <i>Electric Power Components and Systems</i> , 2019, 47, 1744-1758.	1.8	20
7	MPPT-Based Particle Swarm and Cuckoo Search Algorithms for PV Systems. <i>Green Energy and Technology</i> , 2020, , 379-400.	0.6	20
8	Optimal Economic and Environmental Indices for Hybrid PV/Wind-Based Battery Storage System. <i>Journal of Electrical Engineering and Technology</i> , 2021, 16, 2847-2862.	2.0	20
9	Multi-Area Hydrothermal Interconnected Load Frequency Control with Double-Fed Induction-Generator-Based Wind Turbine via Improved Harmony Algorithm. <i>Electric Power Components and Systems</i> , 2018, 46, 615-628.	1.8	17
10	Design of PID Controller with Grid Connected Hybrid Renewable Energy System Using Optimization Algorithms. <i>Journal of Electrical Engineering and Technology</i> , 2021, 16, 3219-3233.	2.0	14
11	Load frequency controller design for two area interconnected power system with DFIG based wind turbine via ant colony algorithm. , 2016, , .		13
12	Performance Analysis of Maximum Power Point Tracking for Two Techniques with Direct Control of Photovoltaic Grid -Connected Systems. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 413-434.	2.3	12
13	Optimal PI microcontroller-based realization for technical trends of single-stage single-phase grid-tied PV. <i>Engineering Science and Technology, an International Journal</i> , 2018, 21, 945-956.	3.2	11
14	Fractional Order PI Control in Hybrid Renewable Power Generation System to Three Phase Grid Connection. <i>International Journal on Electrical Engineering and Informatics</i> , 2020, 12, 470-493.	0.5	8
15	A novel modified robust load frequency controller scheme. <i>Energy Systems</i> , 2020, 11, 1175-1198.	3.0	7
16	Oscillation Damping for Wind Energy Conversion System with Doubly Fed Induction Generator Association with Synchronous Generator. <i>Energies</i> , 2020, 13, 5067.	3.1	7
17	Evaluation of Flashover Voltage Levels of Contaminated Hydrophobic Polymer Insulators Using Regression Trees, Neural Networks, and Adaptive Neuro-Fuzzy. <i>Telkomnika (Telecommunication)</i> Tj ETQq1 1 0.784314 rgBT /5/overlock	1.4	5
18	Heuristic Greedy Scheduling of Electric Vehicles in Vehicle-to-Grid Microgrid Owned Aggregators. <i>Sensors</i> , 2022, 22, 2408.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Characterization and effectiveness of an ultracapacitor bank to enhance a battery electric vehicle energy storage system dynamics. , 2013, , .		3
20	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
21	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
22	Fuzzy FACTS voltage regulator for isolated wind energy conversion systems under different wind speed and loading conditions. , 2016, , .		2
23	Practicality of Wave Energy Conversion Systems at the Northern Egyptian Sea Water. , 2021, , .		0