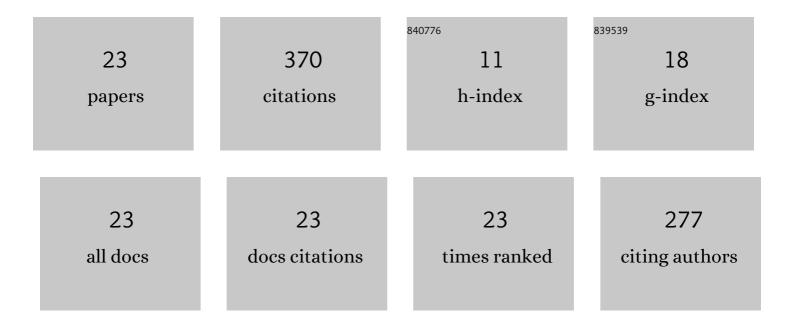
## Farag K Abo-Elyousr

List of Publications by Year in descending order

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

Version: 2024-02-01



| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Performance Analysis of Maximum Power Point Tracking for Two Techniques with Direct Control of<br>Photovoltaic Grid -Connected Systems. Energy Sources, Part A: Recovery, Utilization and<br>Environmental Effects, 2022, 44, 413-434. | 2.3  | 12        |
| 2  | Heuristic Greedy Scheduling of Electric Vehicles in Vehicle-to-Grid Microgrid Owned Aggregators.<br>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.<br>Energies, 2021, 14, 2620.   | 3.1  | 42        |
| 5  | Optimal Economic and Environmental Indices for Hybrid PV/Wind-Based Battery Storage System.<br>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.<br>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<br>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<br>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<br>Induction-Generator-Based Wind Turbine via Improved Harmony Algorithm. Electric Power<br>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<br>Regression Trees, Neural Networks, and Adaptive Neuro-Fuzzy. Telkomnika (Telecommunication) Tj ETQq1 1 0.784 | 4 <b>&amp;l&amp;</b> l rgBT | /Dverlock 1 |
| 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           |