

Adel El-Shahat

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

613
citations

840776

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36
docs citations

36
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Overview of Power System Flexibility during the Scenario of High Penetration of Renewable Energy in Utility Grid. <i>Energies</i> , 2022, 15, 516.	3.1	29
2	Locating Faults in Thyristor-Based LCC-HVDC Transmission Lines Using Single End Measurements and Boosting Ensemble. <i>Electronics (Switzerland)</i> , 2022, 11, 186.	3.1	4
3	A Reliable and Smart E-Healthcare System for Monitoring Intravenous Fluid Level, Pulse, and Respiration Rate. <i>International Journal of Reliable and Quality E-Healthcare</i> , 2022, 11, 0-0.	1.1	0
4	Mitigating Generation Schedule Deviation of Wind Farm Using Battery Energy Storage System. <i>Energies</i> , 2022, 15, 1768.	3.1	7
5	Single-Phase Universal Power Compensator with an Equal VAR Sharing Approach. <i>Energies</i> , 2022, 15, 3769.	3.1	3
6	A Proposed Controllable Crowbar for a Brushless Doubly-Fed Reluctance Generator, a Grid-Integrated Wind Turbine. <i>Energies</i> , 2022, 15, 3894.	3.1	3
7	An optimal sizing framework for autonomous photovoltaic/hydrokinetic/hydrogen energy system considering cost, reliability and forced outage rate using horse herd optimization. <i>Energy Reports</i> , 2022, 8, 7154-7175.	5.1	20
8	Optimal Power Flow Solution of Wind-Integrated Power System Using Novel Metaheuristic Method. <i>Energies</i> , 2021, 14, 6117.	3.1	23
9	A Novel Three-Phase Power Flow Algorithm for the Evaluation of the Impact of Renewable Energy Sources and D-STATCOM Devices on Unbalanced Radial Distribution Networks. <i>Energies</i> , 2021, 14, 6152.	3.1	6
10	Sizing and Energy Management of Parking Lots of Electric Vehicles Based on Battery Storage with Wind Resources in Distribution Network. <i>Energies</i> , 2021, 14, 6755.	3.1	4
11	A Novel Three-Phase Harmonic Power Flow Algorithm for Unbalanced Radial Distribution Networks with the Presence of D-STATCOM Devices. <i>Electronics (Switzerland)</i> , 2021, 10, 2663.	3.1	7
12	A Mathematical Approach to Simultaneously Plan Generation and Transmission Expansion Based on Fault Current Limiters and Reliability Constraints. <i>Mathematics</i> , 2021, 9, 2771.	2.2	14
13	Novel Electrical Modeling, Design and Comparative Control Techniques for Wireless Electric Vehicle Battery Charging. <i>Electronics (Switzerland)</i> , 2021, 10, 2842.	3.1	8
14	A Hybrid Optimization Algorithm for Solving of the Unit Commitment Problem Considering Uncertainty of the Load Demand. <i>Energies</i> , 2021, 14, 8014.	3.1	12
15	Micro-Scale Desalination System Utilizing Distributed Generation Alternative Sources. , 2021, , .		0
16	Bicycle Generation Station for Portable DC Charging “ Experimental Project. , 2021, , .		0
17	Hybrid Wind-PV DC Microgrid “ Experimental Project. , 2021, , .		0
18	Magnetic Induction Wireless Power Transfer in Solar Roads for Electric Vehicles (Experimental Case) Tj ETQq0 0 0 rgBT /Overl pck 10 Tf 5		

#	ARTICLE	IF	CITATIONS
19	Optimal Dynamic Scheduling of Electric Vehicles in a Parking Lot Using Particle Swarm Optimization and Shuffled Frog Leaping Algorithm. <i>Energies</i> , 2020, 13, 6384.	3.1	16
20	Conservation Voltage Reduction Case Study. <i>IEEE Access</i> , 2020, 8, 55383-55397.	4.2	22
21	Electric Vehicles Wireless Power Transfer State-of-The-Art. <i>Energy Procedia</i> , 2019, 162, 24-37.	1.8	38
22	Ultra-High Speed Switched Reluctance Motor-Generator for Turbocharger Applications. <i>Energy Procedia</i> , 2019, 162, 359-368.	1.8	12
23	DC-Microgrid System Design, Control, and Analysis. <i>Electronics (Switzerland)</i> , 2019, 8, 124.	3.1	46
24	Bladeless Wind Turbine (Case Study). , 2019, , .		3
25	Solar-Powered House System Design. , 2019, , .		2
26	Optimal Power Cable for Smart Grids. , 2019, , .		0
27	Comparative Analysis of Residential Solar Farm with Energy Storage between the USA and Nigeria. , 2019, , .		0
28	A Standalone PV-Micro-grid Efficiency Enhancement. , 2019, , .		1
29	Smart Distributed Generation Systems Using Artificial Neural Network-Based Event Classification. <i>IEEE Power and Energy Technology Systems Journal</i> , 2018, 5, 18-26.	2.8	21
30	Self-Sustained Home Power System. , 2018, , .		0
31	Special Power Electronics Converters for Photovoltaic Nano-Grids Applications. , 2018, , .		0
32	Magnetic Resonance Coupling Modelling for Electric Vehicles Wireless Charging. , 2018, , .		9
33	Vortex Bladeless Wind Generator for Nano-Grids. , 2018, , .		6
34	Multidimensional Modelling of Organic Solar Cell. , 2018, , .		1
35	A Novel MPPT Algorithm Based on Particle Swarm Optimization for Photovoltaic Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2017, 8, 468-476.	8.8	252
36	Organic Solar Cell by Inkjet Printing – An Overview. <i>Technologies</i> , 2017, 5, 53.	5.1	43