

Adel El-Shahat

List of Publications by Year in descending order

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36
papers

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840776

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all docs

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docs citations

36
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531
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel MPPT Algorithm Based on Particle Swarm Optimization for Photovoltaic Systems. IEEE Transactions on Sustainable Energy, 2017, 8, 468-476.	8.8	252
2	DC-Microgrid System Design, Control, and Analysis. Electronics (Switzerland), 2019, 8, 124.	3.1	46
3	Organic Solar Cell by Inkjet Printing – An Overview. Technologies, 2017, 5, 53.	5.1	43
4	Electric Vehicles Wireless Power Transfer State-of-The-Art. Energy Procedia, 2019, 162, 24-37.	1.8	38
5	Comprehensive Overview of Power System Flexibility during the Scenario of High Penetration of Renewable Energy in Utility Grid. Energies, 2022, 15, 516.	3.1	29
6	Optimal Power Flow Solution of Wind-Integrated Power System Using Novel Metaheuristic Method. Energies, 2021, 14, 6117.	3.1	23
7	Conservation Voltage Reduction Case Study. IEEE Access, 2020, 8, 55383-55397.	4.2	22
8	Smart Distributed Generation Systems Using Artificial Neural Network-Based Event Classification. IEEE Power and Energy Technology Systems Journal, 2018, 5, 18-26.	2.8	21
9	An optimal sizing framework for autonomous photovoltaic/hydrokinetic/hydrogen energy system considering cost, reliability and forced outage rate using horse herd optimization. Energy Reports, 2022, 8, 7154-7175.	5.1	20
10	Optimal Dynamic Scheduling of Electric Vehicles in a Parking Lot Using Particle Swarm Optimization and Shuffled Frog Leaping Algorithm. Energies, 2020, 13, 6384.	3.1	16
11	A Mathematical Approach to Simultaneously Plan Generation and Transmission Expansion Based on Fault Current Limiters and Reliability Constraints. Mathematics, 2021, 9, 2771.	2.2	14
12	Ultra-High Speed Switched Reluctance Motor-Generator for Turbocharger Applications. Energy Procedia, 2019, 162, 359-368.	1.8	12
13	A Hybrid Optimization Algorithm for Solving of the Unit Commitment Problem Considering Uncertainty of the Load Demand. Energies, 2021, 14, 8014.	3.1	12
14	Magnetic Resonance Coupling Modelling for Electric Vehicles Wireless Charging. , 2018, , .		9
15	Novel Electrical Modeling, Design and Comparative Control Techniques for Wireless Electric Vehicle Battery Charging. Electronics (Switzerland), 2021, 10, 2842.	3.1	8
16	A Novel Three-Phase Harmonic Power Flow Algorithm for Unbalanced Radial Distribution Networks with the Presence of D-STATCOM Devices. Electronics (Switzerland), 2021, 10, 2663.	3.1	7
17	Mitigating Generation Schedule Deviation of Wind Farm Using Battery Energy Storage System. Energies, 2022, 15, 1768.	3.1	7
18	Vortex Bladeless Wind Generator for Nano-Grids. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Bladeless Wind Turbine (Case Study). , 2019, , .		3
23	Single-Phase Universal Power Compensator with an Equal VAR Sharing Approach. <i>Energies</i> , 2022, 15, 3769.	3.1	3
24	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
25	Solar-Powered House System Design. , 2019, , .		2
26	Multidimensional Modelling of Organic Solar Cell. , 2018, , .		1
27	A Standalone PV-Micro-grid Efficiency Enhancement. , 2019, , .		1
28	Magnetic Induction Wireless Power Transfer in Solar Roads for Electric Vehicles (Experimental Case) Tj ETQq0 0 0 rgBT /Overlck 10 Tf 5		1
29	Self-Sustained Home Power System. , 2018, , .		0
30	Special Power Electronics Converters for Photovoltaic Nano-Grids Applications. , 2018, , .		0
31	Optimal Power Cable for Smart Grids. , 2019, , .		0
32	Comparative Analysis of Residential Solar Farm with Energy Storage between the USA and Nigeria. , 2019, , .		0
33	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
34	Micro-Scale Desalination System Utilizing Distributed Generation Alternative Sources. , 2021, , .		0
35	Bicycle Generation Station for Portable DC Charging â€“ Experimental Project. , 2021, , .		0
36	Hybrid Wind-PV DC Microgrid â€“ Experimental Project. , 2021, , .		0