

# Mostafa Elshahed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9509154/publications.pdf>

Version: 2024-02-01

30  
papers

391  
citations

1162889

8  
h-index

1058333

14  
g-index

30  
all docs

30  
docs citations

30  
times ranked

383  
citing authors

#	ARTICLE	IF	CITATIONS
1	New analytical approach for simultaneous feeder reconfiguration and DG hosting allocation in radial distribution networks. Ain Shams Engineering Journal, 2021, 12, 1823-1837.	3.5	13
2	Integration of Electric Vehicles in Home Energy Management Considering Urgent Charging and Battery Degradation. IEEE Access, 2021, 9, 47713-47730.	2.6	22
3	Ranking Subassemblies of Wind Energy Conversion Systems Concerning Their Impact on the Overall Reliability. IEEE Access, 2021, 9, 53754-53768.	2.6	6
4	Enhancing PV Hosting Capacity Using Smart Inverters and Time of Use Tariffs. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2021, 45, 905-920.	1.5	2
5	Investigation of switching over-voltages with different wind farm topologies. Ain Shams Engineering Journal, 2021, 12, 2695-2707.	3.5	5
6	Impact of subsystems on the overall system availability for the large scale grid-connected photovoltaic systems. Reliability Engineering and System Safety, 2020, 196, 106742.	5.1	20
7	Harmonic resonance overvoltage due to main transformer energization in large wind farms, Zafarana, Egypt. Ain Shams Engineering Journal, 2019, 10, 731-743.	3.5	6
8	Reliability, Availability and Maintainability Analysis for Grid-Connected Solar Photovoltaic Systems. Energies, 2019, 12, 1213.	1.6	82
9	Impacts of Distributed and Centralized Grid-Connected PV on Radial Distribution Networks. , 2019, , .		1
10	An analytical formula for multiple DGs allocations to reduce distribution system losses. AEJ - Alexandria Engineering Journal, 2019, 58, 1265-1280.	3.4	24
11	Stochastic Unit Commitment Incorporating Demand Side Management and Optimal Storage Capacity. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 559-571.	1.5	4
12	Short-Term Load Forecasting Approach Based on Different Input Methods of One Variable: Conceptual and Validation Study. , 2018, , .		1
13	Fault Ride Through Evaluation of a 1000MW Nuclear Power Plant. , 2018, , .		0
14	Detailed Analyses of the Failure and Repair Rates of Wind and Solar- PV Systems for RAM Assessment. The International Conference on Electrical Engineering, 2018, 11, 1-16.	0.0	3
15	Optimal operation of power system incorporating wind energy with demand side management. Ain Shams Engineering Journal, 2017, 8, 1-7.	3.5	30
16	New maximum power point tracking technique of a grid-connected PV system with subtractive clustering. , 2017, , .		3
17	Recovering lost power in natural gas pressure reduction stations using hybrid turbo expander and fuel cell systems. , 2017, , .		3
18	Improving the capability curves of a grid-connected wind farm: Gabel El-Zeit, Egypt. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	Short term load forecasting as a base core of smart grid integrated intelligent energy management system. , 2017, , .		7
20	Modeling and control of a PV based QZSI for grid connected applications. , 2017, , .		4
21	Reliability assessment of wind turbine operating concepts using reliability block diagrams (RBDs). , 2017, , .		11
22	Optimal placement of dispatchable and non-dispatchable distributed generation of different technologies. , 2017, , .		3
23	Complying Grid-Connected Wind Farm According to the Requirements of Utility Grid Code Using STATCOM. , 2017, , .		1
24	A dynamic economic emission dispatch considering wind power uncertainty incorporating energy storage system and demand side management. Renewable Energy, 2016, 96, 800-811.	4.3	113
25	Impact of optimal location, size and number of distributed generation units on the performance of radial distribution systems. , 2016, , .		1
26	Power Flow Study and Voltage Stability Analysis for Radial System with Distributed Generation. International Journal of Computer Applications, 2016, 137, 19-26.	0.2	11
27	A Bivariate Chance Constraint of Wind Sources for Multi-Objective Dispatching. Smart Grid and Renewable Energy, 2013, 04, 325-332.	0.7	0
28	A new economic dispatch constrained by correlated Weibull probability distribution model for wind power. , 2011, , .		6
29	Optimization of Real Power Loss and Voltage Stability Index for Distribution Systems with Distributed Generation. International Journal of Engineering Research in Africa, 0, 33, 100-114.	0.7	3
30	A New Power Flow Algorithm for Passive and Active Radial Distribution Networks. International Journal of Engineering Research in Africa, 0, 40, 101-118.	0.7	1