

# Seyyed Mostafa Nosratabadi

## List of Publications by Year in descending order

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30  
papers

948  
citations

623734

14  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1017  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on microgrid and virtual power plant concepts employed for distributed energy resources scheduling in power systems. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 341-363.	16.4	386
2	Stochastic profit-based scheduling of industrial virtual power plant using the best demand response strategy. <i>Applied Energy</i> , 2016, 164, 590-606.	10.1	96
3	Grasshopper optimization algorithm for optimal load frequency control considering Predictive Functional Modified PID controller in restructured multi-resource multi-area power system with Redox Flow Battery units. <i>Control Engineering Practice</i> , 2019, 89, 204-227.	5.5	80
4	Event-based scheduling of industrial technical virtual power plant considering wind and market prices stochastic behaviors - A case study in Iran. <i>Journal of Cleaner Production</i> , 2018, 172, 1748-1764.	9.3	50
5	Resilience-oriented adaptable microgrid formation in integrated electricity-gas system with deployment of multiple energy hubs. <i>Sustainable Cities and Society</i> , 2021, 71, 102946.	10.4	49
6	A new coordination strategy of SSSC and PSS controllers in power system using SOA algorithm based on Pareto method. <i>International Journal of Electrical Power and Energy Systems</i> , 2015, 67, 462-471.	5.5	42
7	Robust scenario-based concept for stochastic energy management of an energy hub contains intelligent parking lot considering convexity principle of CHP nonlinear model with triple operational zones. <i>Sustainable Cities and Society</i> , 2021, 68, 102795.	10.4	39
8	Simultaneous planning of energy carriers by employing efficient storages within main and auxiliary energy hubs via a comprehensive MILP modeling in distribution network. <i>Journal of Energy Storage</i> , 2020, 30, 101585.	8.1	27
9	Modeling and simulation of long term stochastic assessment in industrial microgrids proficiency considering renewable resources and load growth. <i>Simulation Modelling Practice and Theory</i> , 2017, 75, 77-95.	3.8	25
10	Eco-environmental planning of various energy storages within multi-energy microgrid by stochastic price-based programming inclusive of demand response paradigm. <i>Journal of Energy Storage</i> , 2021, 36, 102418.	8.1	22
11	A new simultaneous placement of distributed generation and demand response resources to determine virtual power plant. <i>International Transactions on Electrical Energy Systems</i> , 2016, 26, 1103-1120.	1.9	20
12	Power quality meters placement using seeker optimization algorithm for harmonic state estimation. <i>International Journal of Electrical Power and Energy Systems</i> , 2012, 43, 141-149.	5.5	19
13	Economic evaluation and energy/exergy analysis of PV/Wind/PEMFC energy resources employment based on capacity, type of source and government incentive policies: Case study in Iran. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 43, 100963.	2.7	18
14	Optimal planning of multi-energy microgrid with different energy storages and demand responsive loads utilizing a technical-economic-environmental programming. <i>International Journal of Energy Research</i> , 2021, 45, 6985-7017.	4.5	16
15	AC unbalanced and DC load management in multi-bus residential microgrid integrated with hybrid capacity resources. <i>Energy</i> , 2022, 252, 124070.	8.8	10
16	Optimal PMU Placement with Uncertainty Using Pareto Method. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-14.	1.1	7
17	Power system harmonic reduction and voltage control using DFIG converters as an active filter. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016, 24, 3105-3122.	1.4	6
18	Hesitant fuzzy for conflicting criteria in multi-objective deployment of electric vehicle charging stations. <i>Sustainable Cities and Society</i> , 2022, 85, 104054.	10.4	6

#	ARTICLE	IF	CITATIONS
19	Synchronization of a microgrid with main network through static switch based on neural network controller. , 2014, , .		5
20	Optimal design of passive filters considering the effect of Steinmetz circuit resonance under unbalanced and nonâ€sinusoidal conditions. IET Generation, Transmission and Distribution, 2020, 14, 2333-2344.	2.5	5
21	Stochastic electrical energy management of industrial Virtual Power Plant considering time-based and incentive-based Demand Response programs option in contingency condition. International Journal of Emerging Electric Power Systems, 2020, 21, .	0.8	5
22	Coordination of thermal/wind energies in power-to-gas process for cost/pollution abatement considering wind energy recovery. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 632-649.	2.3	5
23	Enhancement of power measurement using a modified method based on wavelet with preprocessing: electric arc furnace case study. Transactions of the Institute of Measurement and Control, 2015, 37, 1095-1108.	1.7	2
24	Phasor measurement units placement considering double contingency by differential evolution algorithm based on Pareto method. , 2017, , .		2
25	Definitive and Probabilistic Impact Assessment of Solar and Wind Power Generation on Reliability Improvement of Power System-Iran Case Study. , 2019, , .		2
26	Double contingency consideration in phasor measurement unit placement using MSFLA based on Pareto method. , 2015, , .		1
27	Stochastic energy management in a practical smart microgrid in Davarzan-Iran considering demand response with wind and PV power scenarios. , 2017, , .		1
28	Design and Investigation of Single-Tuned Passive Filter in Distribution Networks Based on Pareto Optimal Fronts. , 2019, , .		1
29	Strategy for demand side management effectiveness assessment via a stochastic riskâ€based bidding approach in a multiâ€energy microgrid containing combined cooling, heat and power and photovoltaic units. IET Renewable Power Generation, 0, , .	3.1	1
30	Scheduling and Feasibility Study on the Penetration of Distributed Energy Resources in an Industrial Microgrids: National Iranian Copper Industries Co - Sarcheshmeh site Case Study. , 2019, , .		0