

# Hossein Afrakhte

## List of Publications by Year in descending order

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23  
papers

295  
citations

1163117  
8  
h-index

888059  
17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Load Forecasting Using Neural Network and Particle Swarm Optimization (PSO) Algorithm. Mathematical Problems in Engineering, 2021, 2021, 1-10.	1.1	20
2	Reliability-oriented operation of distribution networks with multi-microgrids considering peer-to-peer energy sharing. Sustainable Energy, Grids and Networks, 2021, 28, 100530.	3.9	7
3	A contingency based energy management strategy for multi-microgrids considering battery energy storage systems and electric vehicles. Journal of Energy Storage, 2020, 27, 101087.	8.1	34
4	Wide area impedance-based fault location using synchronized/unsynchronized current measurements. International Transactions on Electrical Energy Systems, 2020, 30, e12658.	1.9	3
5	A self-evolving type-2 fuzzy energy management strategy for multi-microgrid systems. Computers and Electrical Engineering, 2020, 85, 106702.	4.8	17
6	A purpose-oriented shuffled complex evolution optimization algorithm for energy management of multi-microgrid systems considering outage duration uncertainty. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2021-2038.	1.4	9
7	Online adaptive type-2 fuzzy logic control for load frequency of multi-area power system. Journal of Intelligent and Fuzzy Systems, 2019, 37, 1033-1042.	1.4	9
8	A hybrid shuffled frog leaping algorithm and intelligent water drops optimization for efficiency maximization in smart microgrids considering EV energy storage state of health. Journal of Intelligent and Fuzzy Systems, 2018, 35, 5619-5634.	1.4	3
9	Smart Distribution Network Reconfiguration Based on Optimal Planning of Distributed Generation Resources Using Teaching Learning Based Algorithm to Reduce Generation Costs, Losses and Improve Reliability. , 2018, , .		2
10	Optimal participating of the distributed generation sources in the re-structured power systems with optimized fuzzy logic controller. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4573-4587.	1.4	1
11	Accuracy improvement of impedance-based fault locating method in distribution systems with DGs considering loss of laterals and load variations. International Transactions on Electrical Energy Systems, 2017, 27, e2420.	1.9	2
12	Optimal determination of island boundaries besides the optimal placement of D-STATCOM devices and DG units. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 1508-1521.	1.4	1
13	Evaluating the effects of maximum power point tracking techniques on the reliability of grid-connected photovoltaic systems. , 2016, , .		0
14	Energy management system for smart house with multi-sources using PI-CA controller. , 2016, , .		4
15	A discrete Teaching-Learning-Based Optimization algorithm to solve distribution system reconfiguration in presence of distributed generation. International Journal of Electrical Power and Energy Systems, 2016, 82, 264-273.	5.5	80
16	Fast active islanding detection method based on second harmonic drifting for inverter-based distributed generation. IET Generation, Transmission and Distribution, 2016, 10, 3470-3480.	2.5	33
17	A reference current perturbation method for islanding detection of a multi-inverter system. Electric Power Systems Research, 2016, 132, 47-55.	3.6	21
18	Improvement Model Damping Low Frequency Oscillations Presence UPFC by Cuckoo Optimization Algorithm. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 3, 67.	0.8	0

#	ARTICLE	IF	CITATIONS
19	The comparison of two approaches Jiles-Atherton and Preisach in simulating hysteresis cycle. , 2015, , .		4
20	Probabilistic Optimal Allocation and Sizing of Distributed Generation. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 430-437.	0.1	3
21	A novel heuristic method for wind farm power prediction: A case study. International Journal of Electrical Power and Energy Systems, 2014, 63, 962-970.	5.5	31
22	Effect of optimal placement and regulation of SSVR in microgrid island operation. , 2014, , .		3
23	A novel and fast algorithm for locating minimal cuts up to second order of undirected graphs with multiple sources and sinks. International Journal of Electrical Power and Energy Systems, 2014, 62, 95-102.	5.5	8