

# Hossein Afrakhte

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

295  
citations

1162889  
8  
h-index

887953  
17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	A discrete Teachingâ€“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.	3.3	80
2	A contingency based energy management strategy for multi-microgrids considering battery energy storage systems and electric vehicles. Journal of Energy Storage, 2020, 27, 101087.	3.9	34
3	Fast active islanding detection method based on second harmonic drifting for inverterâ€“based distributed generation. IET Generation, Transmission and Distribution, 2016, 10, 3470-3480.	1.4	33
4	A novel heuristic method for wind farm power prediction: A case study. International Journal of Electrical Power and Energy Systems, 2014, 63, 962-970.	3.3	31
5	A reference current perturbation method for islanding detection of a multi-inverter system. Electric Power Systems Research, 2016, 132, 47-55.	2.1	21
6	Short-Term Load Forecasting Using Neural Network and Particle Swarm Optimization (PSO) Algorithm. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	20
7	A self-evolving type-2 fuzzy energy management strategy for multi-microgrid systems. Computers and Electrical Engineering, 2020, 85, 106702.	3.0	17
8	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.	0.8	9
9	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.	0.8	9
10	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.	3.3	8
11	Reliability-oriented operation of distribution networks with multi-microgrids considering peer-to-peer energy sharing. Sustainable Energy, Grids and Networks, 2021, 28, 100530.	2.3	7
12	The comparison of two approaches Jiles-Atherton and Preisach in simulating hysteresis cycle. , 2015, , .		4
13	Energy management system for smart house with multi-sources using PI-CA controller. , 2016, , .		4
14	Probabilistic Optimal Allocation and Sizing of Distributed Generation. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 430-437.	0.1	3
15	Effect of optimal placement and regulation of SSVR in microgrid island operation. , 2014, , .		3
16	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.	0.8	3
17	Wide area impedanceâ€“based fault location using synchronized/unsynchronized current measurements. International Transactions on Electrical Energy Systems, 2020, 30, e12658.	1.2	3
18	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.	1.2	2

#	ARTICLE	IF	CITATIONS
19	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
20	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.	0.9	1
21	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.	0.8	1
22	Evaluating the effects of maximum power point tracking techniques on the reliability of grid-connected photovoltaic systems. , 2016, , .		0
23	Improvement Model Damping Low Frequency Oscillations Presence UPFC by Cuckoo Optimization Algorithm. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 3, 67.	0.7	0