

# Mahdi Zarif

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

237  
citations

1307594

7  
h-index

1720034

7  
g-index

18  
all docs

18  
docs citations

18  
times ranked

311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of stand-alone hybrid photovoltaicâ€“dieselâ€“battery systems for rural electrification in eastern part of Iranâ€“A step toward sustainable rural development. Renewable and Sustainable Energy Reviews, 2013, 28, 456-462.	16.4	78
2	Self-Scheduling of Large Consumers With Second-Order Stochastic Dominance Constraints. IEEE Transactions on Power Systems, 2013, 28, 289-299.	6.5	42
3	Assessment of electricity price uncertainty impact on the operation of multi-carrier energy systems. IET Generation, Transmission and Distribution, 2015, 9, 2586-2592.	2.5	32
4	Step-by-step design and tuning of VOC control loops for grid connected rectifiers. International Journal of Electrical Power and Energy Systems, 2015, 64, 708-713.	5.5	26
5	Self-scheduling approach for large consumers in competitive electricity markets based on a probabilistic fuzzy system. IET Generation, Transmission and Distribution, 2012, 6, 50.	2.5	18
6	Optimization and comparison analysis for application of PV panels in three villages. Energy Science and Engineering, 2015, 3, 145-152.	4.0	16
7	Investigation of the micro energy grid operation under energy price uncertainty with inclusion of electric vehicles. Sustainable Operations and Computers, 2021, 2, 12-19.	13.1	11
8	Model predictive control of multi-terminal DC grids with offshore wind farms. , 2014, , .		5
9	Particle Swarm Optimization of Economic Dispatch Problem: A Brief Review Transfer. , 2015, , .		3
10	Reliability assessment for power grid by adding wind farm. , 2015, , .		2
11	Analysis of Relay Effect on Wireless Power Transfer. , 2015, , .		2
12	Object detection with hough forests using HaarHOG descriptor. , 2014, , .		1
13	Optimized regenerative brake system using genetic algorithm. , 2015, , .		1
14	Design of a perfect 10 GHz metamaterial absorber. , 2015, , .		0
15	Investigation of the effects of residential battery storage deployment on peak-shaving performance. Kiyfiyyat Va Bahrah/varÄ«-i á¹anl'at-i Barq-i Ä³rÄ³n, 2021, 10, 52-61.	0.1	0
16	State Of Charge Estimation for Lithium-Ion Battery Using Evolving Local Model Network. , 2020, , .		0
17	Risk management and participation of electric vehicle considering transmission line congestion in the smart grids for demand response. Facta Universitatis - Series Electronics and Energetics, 2020, 33, 583-603.	0.9	0
18	Effects of connecting a scattered solar generation unit to the grid on the cloud passage using optimization algorithms. Facta Universitatis - Series Electronics and Energetics, 2021, 34, 605-630.	0.9	0