

Afshin Najafi-Ghalelou

List of Publications by Year in descending order

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14
papers

873
citations

687363

13
h-index

1125743

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g-index

15
all docs

15
docs citations

15
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-objective model for optimal operation of a battery/PV/fuel cell/grid hybrid energy system using weighted sum technique and fuzzy satisfying approach considering responsible load management. <i>Solar Energy</i> , 2017, 144, 79-89.	6.1	135
2	A stochastic self-scheduling program for compressed air energy storage (CAES) of renewable energy sources (RESs) based on a demand response mechanism. <i>Energy Conversion and Management</i> , 2016, 120, 388-396.	9.2	132
3	A cost-emission model for fuel cell/PV/battery hybrid energy system in the presence of demand response program: μ -constraint method and fuzzy satisfying approach. <i>Energy Conversion and Management</i> , 2017, 138, 383-392.	9.2	126
4	Robust scheduling of thermal, cooling and electrical hub energy system under market price uncertainty. <i>Applied Thermal Engineering</i> , 2019, 149, 862-880.	6.0	98
5	Optimal bidding and offering strategies of merchant compressed air energy storage in deregulated electricity market using robust optimization approach. <i>Energy</i> , 2018, 142, 250-257.	8.8	86
6	Heating and power hub models for robust performance of smart building using information gap decision theory. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 98, 23-35.	5.5	50
7	Transactive energy framework for optimal energy management of multi-carrier energy hubs under local electrical, thermal, and cooling market constraints. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 129, 106803.	5.5	46
8	Robust thermal and electrical management of smart home using information gap decision theory. <i>Applied Thermal Engineering</i> , 2018, 132, 221-232.	6.0	34
9	Optimal scheduling of multi-smart buildings energy consumption considering power exchange capability. <i>Sustainable Cities and Society</i> , 2018, 41, 73-85.	10.4	33
10	A Framework for Joint Scheduling and Power Trading of Prosumers in Transactive Markets. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 955-965.	8.8	31
11	Stochastic bi-level coordination of active distribution network and renewable-based microgrid considering eco-friendly Compressed Air Energy Storage system and Intelligent Parking Lot. <i>Journal of Cleaner Production</i> , 2021, 278, 122808.	9.3	31
12	Risk-based scheduling of smart apartment building under market price uncertainty using robust optimization approach. <i>Sustainable Cities and Society</i> , 2019, 48, 101549.	10.4	30
13	Supply Side Management in Renewable Energy Hubs. , 2018, , 163-187.		6
14	Multi-Objective Optimization Model for Optimal Performance of an Off-Grid Microgrid with Distributed Generation Units in the Presence of Demand Response Program. , 2020, , 199-215.		0