

# Afshin Najafi-Ghalelou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/754714/publications.pdf>

Version: 2024-02-01

14  
papers

873  
citations

687363

13  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

687  
citing authors

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