

Amin Shokri Gazafroudi

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

565
citations

687363

13
h-index

677142

22
g-index

35
all docs

35
docs citations

35
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic interval-based optimal offering model for residential energy management systems by household owners. International Journal of Electrical Power and Energy Systems, 2019, 105, 201-219.	5.5	65
2	Towards Flexibility Trading at TSO-DSO-Customer Levels: A Review. Energies, 2020, 13, 165.	3.1	42
3	Two-stage stochastic model for the price-based domestic energy management problem. International Journal of Electrical Power and Energy Systems, 2019, 112, 404-416.	5.5	41
4	A comparative study of optimal hybrid methods for wind power prediction in wind farm of Alberta, Canada. Renewable and Sustainable Energy Reviews, 2013, 27, 20-29.	16.4	38
5	Hierarchical approach for coordinating energy and flexibility trading in local energy markets. Applied Energy, 2021, 302, 117575.	10.1	31
6	Decentralised flexibility management for EVs. IET Renewable Power Generation, 2019, 13, 952-960.	3.1	29
7	Two-stage mechanism design for energy trading of strategic agents in energy communities. Applied Energy, 2021, 295, 117036.	10.1	27
8	Assessing the operating reserves and costs with considering customer choice and wind power uncertainty in pool-based power market. International Journal of Electrical Power and Energy Systems, 2015, 67, 202-215.	5.5	26
9	A framework for participation of prosumers in peer-to-peer energy trading and flexibility markets. Applied Energy, 2022, 314, 118907.	10.1	25
10	Organization-based Multi-Agent structure of the Smart Home Electricity System. , 2017, , .		23
11	A novel stochastic reserve cost allocation approach of electricity market agents in the restructured power systems. Electric Power Systems Research, 2017, 152, 223-236.	3.6	21
12	Monopolistic and Game-Based Approaches to Transact Energy Flexibility. IEEE Transactions on Power Systems, 2020, 35, 1075-1084.	6.5	20
13	An Ising Spin-Based Model to Explore Efficient Flexibility in Distributed Power Systems. Complexity, 2018, 2018, 1-16.	1.6	19
14	Energy Flexibility Management Based on Predictive Dispatch Model of Domestic Energy Management System. Energies, 2017, 10, 1397.	3.1	16
15	Multi-Agent Architecture for Peer-to-Peer Electricity Trading based on Blockchain Technology. , 2019, , .		16
16	Energy flexibility assessment of a multi agent-based smart home energy system. , 2017, , .		14
17	Reserve costs allocation model for energy and reserve market simulation. , 2017, , .		12
18	Evaluation of Hierarchical, Multi-Agent, Community-Based, Local Energy Markets Based on Key Performance Indicators. Energies, 2022, 15, 3575.	3.1	12

#	ARTICLE	IF	CITATIONS
19	Residential energy management using a novel interval optimization method. , 2017, , .		10
20	Decentralized Control of DR Using a Multi-agent Method. Studies in Systems, Decision and Control, 2018, , 233-249.	1.0	10
21	Virtual Organization Structure for Agent-Based Local Electricity Trading. Energies, 2019, 12, 1521.	3.1	10
22	A Review of Multi-agent Based Energy Management Systems. Advances in Intelligent Systems and Computing, 2017, , 203-209.	0.6	10
23	Energy Flexibility Management in Power Distribution Systems: Decentralized Approach. , 2018, , .		8
24	Topology-based approximations for $ contingency constraints in power transmission networks. International Journal of Electrical Power and Energy Systems, 2022, 137, 107702.$	5.5	6
25	Application of artificial immune system to domestic energy management problem. , 2017, , .		4
26	Impact of Strategic Behaviors of the Electricity Consumers on Power System Reliability. Studies in Systems, Decision and Control, 2019, , 193-215.	1.0	4
27	Mathematical Model for Agent-based Local Energy Exchange Engine (D3A). , 2021, , .		4
28	Peer-to-Peer Electricity Market Based on Local Supervision. IEEE Access, 2021, 9, 156647-156662.	4.2	3
29	A hybrid model for wind power prediction composed of ANN and imperialist competitive algorithm (ICA). , 2014, , .		2
30	Iterative Algorithm For Local Electricity Trading. , 2019, , .		2
31	Evolving New Market Structures. , 2019, , 183-203.		2
32	Local market models. , 2021, , 79-90.		1
33	Two-Layer Game-Based Framework for Local Energy Flexibility Trading. IEEE Access, 2022, 10, 68768-68777.	4.2	1