

Seyed Mehdi

List of Publications by Year in descending order

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papers

857
citations

686830

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29
all docs

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docs citations

29
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic energy management for a renewable energy based microgrid considering battery, hydrogen storage, and demand response. Sustainable Energy, Grids and Networks, 2022, 30, 100652.	2.3	26
2	A scenario-based stochastic model for day-ahead energy management of a multi-carrier microgrid considering uncertainty of electric vehicles. Journal of Energy Storage, 2022, 52, 104843.	3.9	6
3	An Optimal Operation Model for Multi-carrier Energy Grids. Power Systems, 2021, , 59-85.	0.3	0
4	Developing energy management system considering renewable energy systems in residential community. , 2021, , 275-299.		4
5	Optimal Planning and Design of Multi-carrier Energy Networks. Power Systems, 2021, , 209-234.	0.3	1
6	Stochastic energy management of smart microgrid with intermittent renewable energy resources in electricity market. Energy, 2021, 219, 119668.	4.5	124
7	Day-Ahead Optimal Management of Plug-in Hybrid Electric Vehicles in Smart Homes Considering Uncertainties. , 2021, , .		2
8	Developing optimal energy management of energy hub in the presence of stochastic renewable energy resources. Sustainable Energy, Grids and Networks, 2021, 26, 100428.	2.3	51
9	Blockchain technology in the future smart grids: A comprehensive review and frameworks. International Journal of Electrical Power and Energy Systems, 2021, 129, 106811.	3.3	111
10	Stochastic planning of a multi-microgrid considering integration of renewable energy resources and real-time electricity market. Applied Energy, 2021, 298, 117215.	5.1	72
11	Intelligent energy management in off-grid smart buildings with energy interaction. Journal of Cleaner Production, 2020, 244, 118906.	4.6	65
12	Tri-objective scheduling of residential smart electrical distribution grids with optimal joint of responsive loads with renewable energy sources. Journal of Energy Storage, 2020, 27, 101112.	3.9	84
13	Demand Response and Flexible Management to Improve Microgrids Energy Efficiency with a High Share of Renewable Resources. Sustainable Energy Technologies and Assessments, 2020, 42, 100848.	1.7	8
14	An Optimal Charging of Plug-In Electric Vehicles in Unbalanced Three-Phase Distribution Network. , 2020, , .		0
15	Demand response method for smart microgrids considering high renewable energies penetration. Sustainable Energy, Grids and Networks, 2020, 21, 100325.	2.3	47
16	Multi-objectives Optimal Scheduling in Smart Energy Hub System with Electrical and Thermal Responsive Loads. Environmental and Climate Technologies, 2020, 24, 209-232.	0.5	32
17	Optimal Utilization of Solar Energy for Electric Vehicles Charging in a Typical Microgrid. , 2020, , 129-164.		1
18	Optimal Charge Scheduling of Electric Vehicles in Smart Homes. , 2020, , 359-383.		3

#	ARTICLE	IF	CITATIONS
19	Optimal sizing and siting of smart microgrid components under high renewables penetration considering demand response. IET Renewable Power Generation, 2019, 13, 1809-1822.	1.7	64
20	Tri-objective optimal scheduling of smart energy hub system with schedulable loads. Journal of Cleaner Production, 2019, 236, 117584.	4.6	86
21	Voltage Ride through Control Strategy of Modular Multilevel Converter under Unbalanced Voltage Sag. Applied Sciences (Switzerland), 2019, 9, 551.	1.3	1
22	Smart household management systems with renewable generation to increase the operation profit of a microgrid. IET Smart Grid, 2019, 2, 522-528.	1.5	18
23	Integration of Photovoltaic Power Units to Power Distribution System through Modular Multilevel Converter. Energies, 2018, 11, 2753.	1.6	6
24	Management of Plug-in Hybrid Electrical Vehicle to Increase Renewable Energy Penetration in Smart Grid. , 2018, , .		2
25	A novel intelligent control of HVAC system in smart microgrid. Journal of Electrical Systems and Information Technology, 2017, 4, 299-309.	1.2	9
26	Optimal Sizing and Siting of Smart Microgrid Units under Pool Electricity Market. Industrial Engineering and Management Systems, 2017, 16, 427-436.	0.3	0
27	Multivariate stochastic modeling of washing machine loads profile in Iran. Sustainable Cities and Society, 2016, 26, 170-185.	5.1	9
28	Optimization of grid-connected microgrid consisting of PV/FC/UC with considered frequency control. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 1-16.	0.9	24
29	Impact of plug-in hybrid electric vehicle charging/discharging management on a microgrid. Turkish Journal of Electrical Engineering and Computer Sciences, 2014, 22, 825-839.	0.9	1