

Seyed Mehdi

List of Publications by Year in descending order

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29
papers

857
citations

686830

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29
docs citations

29
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic energy management of smart microgrid with intermittent renewable energy resources in electricity market. <i>Energy</i> , 2021, 219, 119668.	4.5	124
2	Blockchain technology in the future smart grids: A comprehensive review and frameworks. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 129, 106811.	3.3	111
3	Tri-objective optimal scheduling of smart energy hub system with schedulable loads. <i>Journal of Cleaner Production</i> , 2019, 236, 117584.	4.6	86
4	Tri-objective scheduling of residential smart electrical distribution grids with optimal joint of responsive loads with renewable energy sources. <i>Journal of Energy Storage</i> , 2020, 27, 101112.	3.9	84
5	Stochastic planning of a multi-microgrid considering integration of renewable energy resources and real-time electricity market. <i>Applied Energy</i> , 2021, 298, 117215.	5.1	72
6	Intelligent energy management in off-grid smart buildings with energy interaction. <i>Journal of Cleaner Production</i> , 2020, 244, 118906.	4.6	65
7	Optimal sizing and siting of smart microgrid components under high renewables penetration considering demand response. <i>IET Renewable Power Generation</i> , 2019, 13, 1809-1822.	1.7	64
8	Developing optimal energy management of energy hub in the presence of stochastic renewable energy resources. <i>Sustainable Energy, Grids and Networks</i> , 2021, 26, 100428.	2.3	51
9	Demand response method for smart microgrids considering high renewable energies penetration. <i>Sustainable Energy, Grids and Networks</i> , 2020, 21, 100325.	2.3	47
10	Multi-objectives Optimal Scheduling in Smart Energy Hub System with Electrical and Thermal Responsive Loads. <i>Environmental and Climate Technologies</i> , 2020, 24, 209-232.	0.5	32
11	Stochastic energy management for a renewable energy based microgrid considering battery, hydrogen storage, and demand response. <i>Sustainable Energy, Grids and Networks</i> , 2022, 30, 100652.	2.3	26
12	Optimization of grid-connected microgrid consisting of PV/FC/UC with considered frequency control. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2015, 23, 1-16.	0.9	24
13	Smart household management systems with renewable generation to increase the operation profit of a microgrid. <i>IET Smart Grid</i> , 2019, 2, 522-528.	1.5	18
14	Multivariate stochastic modeling of washing machine loads profile in Iran. <i>Sustainable Cities and Society</i> , 2016, 26, 170-185.	5.1	9
15	A novel intelligent control of HVAC system in smart microgrid. <i>Journal of Electrical Systems and Information Technology</i> , 2017, 4, 299-309.	1.2	9
16	Demand Response and Flexible Management to Improve Microgrids Energy Efficiency with a High Share of Renewable Resources. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 42, 100848.	1.7	8
17	Integration of Photovoltaic Power Units to Power Distribution System through Modular Multilevel Converter. <i>Energies</i> , 2018, 11, 2753.	1.6	6
18	A scenario-based stochastic model for day-ahead energy management of a multi-carrier microgrid considering uncertainty of electric vehicles. <i>Journal of Energy Storage</i> , 2022, 52, 104843.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Developing energy management system considering renewable energy systems in residential community. , 2021, , 275-299.		4
20	Optimal Charge Scheduling of Electric Vehicles in Smart Homes. , 2020, , 359-383.		3
21	Management of Plug-in Hybrid Electrical Vehicle to Increase Renewable Energy Penetration in Smart Grid. , 2018, , .		2
22	Day-Ahead Optimal Management of Plug-in Hybrid Electric Vehicles in Smart Homes Considering Uncertainties. , 2021, , .		2
23	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
24	Voltage Ride through Control Strategy of Modular Multilevel Converter under Unbalanced Voltage Sag. Applied Sciences (Switzerland), 2019, 9, 551.	1.3	1
25	Optimal Planning and Design of Multi-carrier Energy Networks. Power Systems, 2021, , 209-234.	0.3	1
26	Optimal Utilization of Solar Energy for Electric Vehicles Charging in a Typical Microgrid. , 2020, , 129-164.		1
27	An Optimal Charging of Plug-In Electric Vehicles in Unbalanced Three-Phase Distribution Network. , 2020, , .		0
28	An Optimal Operation Model for Multi-carrier Energy Grids. Power Systems, 2021, , 59-85.	0.3	0
29	Optimal Sizing and Sitting of Smart Microgrid Units under Pool Electricity Market. Industrial Engineering and Management Systems, 2017, 16, 427-436.	0.3	0