Soheil Mohseni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1133250/publications.pdf

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22	621	686830	1058022
papers	citations	13	14
		h-index	g-index

22	22	22	427
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal operation of an energy hub considering the uncertainty associated with the power consumption of plug-in hybrid electric vehicles using information gap decision theory. International Journal of Electrical Power and Energy Systems, 2019, 112, 92-108.	3.3	112
2	Optimal energy management of a grid-connected multiple energy carrier micro-grid. Applied Thermal Engineering, 2019, 152, 796-806.	3.0	68
3	A demand response-centred approach to the long-term equipment capacity planning of grid-independent micro-grids optimized by the moth-flame optimization algorithm. Energy Conversion and Management, 2019, 200, 112105.	4.4	61
4	A multi-agent system for optimal sizing of a cooperative self-sustainable multi-carrier microgrid. Sustainable Cities and Society, 2018, 38, 452-465.	5.1	55
5	A comparison of metaheuristics for the optimal capacity planning of an isolated, battery-less, hydrogen-based micro-grid. Applied Energy, 2020, 259, 114224.	5.1	52
6	Demand response-integrated investment and operational planning of renewable and sustainable energy systems considering forecast uncertainties: A systematic review. Renewable and Sustainable Energy Reviews, 2022, 158, 112095.	8.2	46
7	Economic viability assessment of sustainable hydrogen production, storage, and utilisation technologies integrated into on- and off-grid micro-grids: A performance comparison of different meta-heuristics. International Journal of Hydrogen Energy, 2020, 45, 34412-34436.	3.8	45
8	Strategic design optimisation of multi-energy-storage-technology micro-grids considering a two-stage game-theoretic market for demand response aggregation. Applied Energy, 2021, 287, 116563.	5.1	36
9	LÃ©vy-flight moth-flame optimisation algorithm-based micro-grid equipment sizing: An integrated investment and operational planning approach. Energy and AI, 2021, 3, 100047.	5.8	21
10	Modelling utility-aggregator-customer interactions in interruptible load programmes using non-cooperative game theory. International Journal of Electrical Power and Energy Systems, 2021, 133, 107183.	3.3	19
11	Resilience-Oriented Planning of Multi-Carrier Microgrids under Cyber-Attacks. Sustainable Cities and Society, 2022, 79, 103709.	5.1	18
12	Quantifying the effects of forecast uncertainty on the role of different battery technologies in grid-connected solar photovoltaic/wind/micro-hydro micro-grids: An optimal planning study. Journal of Energy Storage, 2022, 51, 104412.	3.9	16
13	Community Resilience-Oriented Optimal Micro-Grid Capacity Expansion Planning: The Case of Totarabank Eco-Village, New Zealand. Energies, 2020, 13, 3970.	1.6	15
14	Off-Grid Multi-Carrier Microgrid Design Optimisation: The Case of Rakiuraâ€“Stewart Island, Aotearoaâ€“New Zealand. Energies, 2021, 14, 6522.	1.6	15
15	Optimal Sizing of an Islanded Micro-Grid Using Meta-Heuristic Optimization Algorithms Considering Demand-Side Management. , 2018, , .		10
16	A Sustainable Energy Investment Planning Model Based on the Micro-Grid Concept Using Recent Metaheuristic Optimization Algorithms. , 2019, , .		10
17	Stochastic Optimal Sizing of Micro-Grids Using the Moth-Flame Optimization Algorithm. , 2019, , .		9
18	A hierarchical, market-based, non-cooperative game-theoretic approach to projecting flexible demand-side resources: Towards more realistic demand response-integrated, long-term energy planning models. , 2020, , .		8

#	Article	IF	Citations
19	A Game-Theoretic Approach to Model Interruptible Loads: Application to Micro-Grid Planning. , 2020, , .		3
20	Power Quality Considerations in the Planning Phase of Stand-Alone Wind-Powered Micro-Grids. , 2020, , .		1
21	Adding a Computationally-Tractable Probabilistic Dimension to Meta-Heuristic-Based Microgrid Sizing. , 2021, , .		1
22	Risk-based dispatch optimization of microgrids considering the uncertainty in EV driving patterns. , 2022, , .		0