

Soheil Mohseni

List of Publications by Year in descending order

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papers

621
citations

687363
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22
docs citations

22
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Resilience-Oriented Planning of Multi-Carrier Microgrids under Cyber-Attacks. Sustainable Cities and Society, 2022, 79, 103709.	10.4	18
2	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.	16.4	46
3	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.	8.1	16
4	Risk-based dispatch optimization of microgrids considering the uncertainty in EV driving patterns. , 2022, , .		0
5	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.	10.6	21
6	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.	10.1	36
7	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.	5.5	19
8	Off-Grid Multi-Carrier Microgrid Design Optimisation: The Case of Rakiuraâ€“Stewart Island, Aotearoaâ€“New Zealand. Energies, 2021, 14, 6522.	3.1	15
9	Adding a Computationally-Tractable Probabilistic Dimension to Meta-Heuristic-Based Microgrid Sizing. , 2021, , .		1
10	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.	7.1	45
11	A comparison of metaheuristics for the optimal capacity planning of an isolated, battery-less, hydrogen-based micro-grid. Applied Energy, 2020, 259, 114224.	10.1	52
12	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
13	Community Resilience-Oriented Optimal Micro-Grid Capacity Expansion Planning: The Case of Totorabank Eco-Village, New Zealand. Energies, 2020, 13, 3970.	3.1	15
14	Power Quality Considerations in the Planning Phase of Stand-Alone Wind-Powered Micro-Grids. , 2020, , .		1
15	A Game-Theoretic Approach to Model Interruptible Loads: Application to Micro-Grid Planning. , 2020, , .		3
16	A Sustainable Energy Investment Planning Model Based on the Micro-Grid Concept Using Recent Metaheuristic Optimization Algorithms. , 2019, , .		10
17	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.	9.2	61
18	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.	5.5	112

#	ARTICLE	IF	CITATIONS
19	Optimal energy management of a grid-connected multiple energy carrier micro-grid. Applied Thermal Engineering, 2019, 152, 796-806.	6.0	68
20	Stochastic Optimal Sizing of Micro-Grids Using the Moth-Flame Optimization Algorithm. , 2019, , .		9
21	A multi-agent system for optimal sizing of a cooperative self-sustainable multi-carrier microgrid. Sustainable Cities and Society, 2018, 38, 452-465.	10.4	55
22	Optimal Sizing of an Islanded Micro-Grid Using Meta-Heuristic Optimization Algorithms Considering Demand-Side Management. , 2018, , .		10