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List of articles citing

Techno-economic optimization and environmental Life Cycle Assessment (LCA) of microgrids located in the US using genetic algorithm

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Energy Conversion and Management, 2019, 181, 272-291.

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#	Paper	IF	Citations
52	A demand response-centred approach to the long-term equipment capacity planning of grid-independent micro-grids optimized by the moth-flame optimization algorithm. <i>Energy Conversion and Management</i> , 2019 , 200, 112105	10.6	34
51	Techno-economic analysis of metal hydride-based energy storage system in microgrid. <i>Energy Storage</i> , 2019 , 1, e62	2.8	9
50	Reliability assessments of an islanded hybrid PV-diesel-battery system for a typical rural community in Nigeria. <i>Heliyon</i> , 2019 , 5, e01632	3.6	28
49	Environmental analysis of a nano-grid: A Life Cycle Assessment. <i>Science of the Total Environment</i> , 2020 , 700, 134814	10.2	13
48	A multiperiod multiobjective framework for the synthesis of trigeneration systems in tertiary sector buildings. <i>International Journal of Energy Research</i> , 2020 , 44, 1140-1166	4.5	7
47	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. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 34412-34436	6.7	16
46	Optimization and techno-economic analysis of photovoltaic-wind-battery based hybrid system. <i>Journal of Energy Storage</i> , 2020 , 32, 101878	7.8	13
45	Optimal Scheduling of a Microgrid Using Multiobjective Biogeography-Based Optimization Model and Algorithm with Adaptive Migration. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-15	1.1	0
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42	Multiobjective Sizing of an Autonomous Hybrid Microgrid Using a Multimodal Delayed PSO Algorithm: A Case Study of a Fishing Village. <i>Computational Intelligence and Neuroscience</i> , 2020 , 2020, 8894094	3	3
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38	Effectuation of biogas based hybrid energy system for cost-effective decentralized application in small rural community. <i>Energy</i> , 2020 , 203, 117819	7.9	11
37	Cost-optimal evaluation of centralized and distributed microgrid topologies considering voltage constraints. <i>Energy for Sustainable Development</i> , 2020 , 56, 88-97	5.4	7
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35	Optimization and performance comparison of combined cooling, heating and power/ground source heat pump/photovoltaic/solar thermal system under different load ratio for two operation strategies. <i>Energy Conversion and Management</i> , 2020 , 208, 112579	10.6	17
34	A Multiobjective Optimal Operation of a Stand-Alone Microgrid Using SAPSO Algorithm. <i>Journal of Electrical and Computer Engineering</i> , 2020 , 2020, 1-16	1.9	1
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31	Optimal Scheduling of Microgrid Considering the Interruptible Load Shifting Based on Improved Biogeography-Based Optimization Algorithm. <i>Symmetry</i> , 2021 , 13, 1707	2.7	0
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