

Multi-objective multi-verse optimization of renewable system: Real case

Ain Shams Engineering Journal

13, 101543

DOI: [10.1016/j.asej.2021.06.028](https://doi.org/10.1016/j.asej.2021.06.028)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Stability Metric Based on Sensitivity Analysis Applied to Electrical Repowering System. <i>Energies</i> , 2021, 14, 7824.	3.1	2
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10	High efficient solar cells through multi-layer thickness optimization using particle swarm optimization and simulated annealing. <i>International Journal of Energy and Environmental Engineering</i> , 0, , .	2.5	0
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13	Maximum hosting capacity estimation for renewables in power grids considering energy storage and transmission lines expansion using hybrid sine cosine artificial rabbits algorithm. <i>Ain Shams Engineering Journal</i> , 2023, 14, 102092.	6.1	14
14	An effective design of hybrid renewable energy system using an improved Archimedes Optimization Algorithm: A case study of Farafra, Egypt. <i>Energy Conversion and Management</i> , 2023, 283, 116907.	9.2	13
15	A novel approach for optimal energy resources mixing in nuclear-renewable microgrids using probabilistic energy modelling method. <i>Energy Conversion and Management</i> , 2023, 282, 116862.	9.2	1
16	Voltage Control of Distribution System with High Sharing of Photovoltaic Power Supply Using Grey Wolf Optimization Technique. , 2022, , .		0
17	Optimum Design of a Renewable-Based Integrated Energy System in Autonomous Mode for a Remote Hilly Location in Northeastern India. <i>Energies</i> , 2023, 16, 1588.	3.1	1
18	Optimization of micro grid with distributed energy resources using physics based meta heuristic techniques. <i>IET Renewable Power Generation</i> , 0, , .	3.1	2

#	ARTICLE	IF	CITATIONS
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20	Investigation of a reliable and sustainable stand-alone hybrid energy system for freshwater supply: a case study. <i>International Journal of Sustainable Energy</i> , 2023, 42, 236-267.	2.4	1
21	Power Generation of Wind-PV-Battery based Hybrid Energy System for Standalone AC Microgrid Applications. , 2023, , .		1
22	A Strategy for Multi-Objective Energy Optimization in Smart Grid Considering Renewable Energy and Batteries Energy Storage System. <i>IEEE Access</i> , 2023, 11, 33872-33886.	4.2	7
23	Reliability index based optimal sizing and statistical performance analysis of stand-alone hybrid renewable energy system using metaheuristic algorithms. <i>AEJ - Alexandria Engineering Journal</i> , 2023, 74, 387-413.	6.4	3
24	Optimizing methodologies of hybrid renewable energy systems powered reverse osmosis plants. <i>Renewable and Sustainable Energy Reviews</i> , 2023, 182, 113377.	16.4	5
25	Optimization of cost and emission for dynamic load dispatch problem with hybrid renewable energy sources. <i>Soft Computing</i> , 2023, 27, 14969-15001.	3.6	2
26	Design of Intelligent Nonlinear H ₂ /H _∞ Robust Control Strategy of Diesel Generator-Based CPSOGSA Optimization Algorithm. <i>Processes</i> , 2023, 11, 1867.	2.8	0
27	Energy Optimal Scheduling Strategy for Receiving End Grid Based on Improved Multi-objective Particle Swarm Optimization Algorithm. , 2023, , .		0
28	Multi-Objective Optimization of an Islanded Green Energy System Utilizing Sophisticated Hybrid Metaheuristic Approach. <i>IEEE Access</i> , 2023, 11, 103044-103068.	4.2	5
29	A comprehensive review on sustainable energy management systems for optimal operation of future-generation of solar microgrids. <i>Sustainable Energy Technologies and Assessments</i> , 2023, 58, 103377.	2.7	13
30	Applications of Energy Storage Systems in Enhancing Energy Management and Access in Microgrids: A Review. <i>Energies</i> , 2023, 16, 5930.	3.1	7
32	Experimental investigation of a novel smart energy management system for performance enhancement of conventional solar photovoltaic microgrids. <i>Discover Energy</i> , 2023, 3, .	1.8	1
33	Designing an optimal hybrid microgrid system using a leader artificial rabbits optimization algorithm for domestic load in Guelmim city, Morocco. <i>Renewable Energy</i> , 2024, 223, 120011.	8.9	0
34	Optimizing energy costs and reliability: A multi-objective framework with learning-enhanced manta ray foraging for hybrid PV/battery systems. <i>Energy</i> , 2024, 291, 130346.	8.8	0