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## Optimization of residential off-grid PV-battery systems

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#	Paper	IF	Citations
26	Comparison of Lead-Acid and Li-Ion Batteries Lifetime Prediction Models in Stand-Alone Photovoltaic Systems. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1099	2.6	14
25	Intelligent Energy Management in a Prosumer Community Considering the Load Factor Enhancement. <i>Energies</i> , <b>2021</b> , 14, 3624	3.1	2
24	Yield Assessment of Off-grid PV Systems in Nigeria. <b>2021</b> ,		
23	Home energy management in off-grid dwellings: Exploiting flexibility of thermostatically controlled appliances. <i>Journal of Cleaner Production</i> , <b>2021</b> , 310, 127507	10.3	10
22	Reducing forecasting error by optimally pooling wind energy generation sources through portfolio optimization. <i>Energy</i> , <b>2022</b> , 239, 122099	7.9	4
21	A hybrid PV scheme as support to relieve congestion in the domestic supply network. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 134, 107413	5.1	0
20	Effect of solar radiation and operating factor of the PV module on the loss of load probability of a PV-Battery system. <i>Materials Today: Proceedings</i> , <b>2021</b> ,	1.4	1
19	Effects of Reliability Index on Optimal Configuration of Hybrid Solar/Battery Energy System by Optimization Approach: A Case Study. <i>International Journal of Photoenergy</i> , <b>2021</b> , 2021, 1-11	2.1	1
18	Economic Analysis of Replacing HPS Lamp with LED Lamp and Cost Estimation to Set Up PV/Battery System for Street Lighting in Oman. <i>Energies</i> , <b>2021</b> , 14, 7697	3.1	2
17	Battery Size Optimization With Customer PV Installations and Domestic Load Profile. <i>IEEE Access</i> , <b>2022</b> , 10, 13012-13025	3.5	2
16	Load management in an off-grid hybrid PV/wind/Battery system using the power flow control algorithm and fuzzy logic controller. <i>Electrical Engineering</i> , 1	1.5	0
15	Modelling and Environmental Assessment of a Stand-Alone Micro-Grid System in a Mountain Hut Using Renewables. <i>Energies</i> , <b>2022</b> , 15, 202	3.1	1
14	Impact of climate on photovoltaic battery energy storage system optimization. <i>Renewable Energy</i> , <b>2022</b> ,	8.1	0
13	Energy Trilemma Index-Based Multiobjective Optimal Sizing of PV-Battery System for a Building in Tropical Savanna Climate. <i>IEEE Systems Journal</i> , <b>2022</b> , 1-9	4.3	
12	A Preliminary Assessment of Load Consumption and Solar Power Potential at Kota Belud, Sabah. <i>Energy Engineering: Journal of the Association of Energy Engineers</i> , <b>2022</b> , 119, 1361-1377	0.6	
11	Capacity configuration of distributed photovoltaic and battery system for office buildings considering uncertainties. <i>Applied Energy</i> , <b>2022</b> , 319, 119243	10.7	1
10	Standalone photovoltaic and battery microgrid design for rural areas. <i>Energy Exploration and Exploitation</i> , 014459872211021	2.1	

9	Experimental performance analysis of an installed microgrid-based PV/battery/EV grid-connected system. <i>Clean Energy</i> , <b>2022</b> , 6, 599-618	4-7	3
8	Mind the gap between PV generation and residential load curves: Maximizing the roof-top PV usage for prosumers with an IoT-based adaptive optimization and control module. <b>2023</b> , 212, 118828		1
7	Economic Optimal Allocation of Photovoltaic Energy Storage System Based on Quantum Particle Swarm Optimization Algorithm. <b>2022</b> , 631-639		0
6	Power Pinch Analysis. <b>2023</b> , 1043-1060		0
5	Risk-averse based optimal operational strategy of grid-connected photovoltaic/wind/battery/diesel hybrid energy system in the electricity/hydrogen markets. <b>2022</b> ,		0
4	A Mathematical Programming Approach for the Optimal Operation of Storage Systems, Photovoltaic and Wind Power Generation. <b>2023</b> , 16, 1269		0
3	Photovoltaic Array Control Systems for Generating Useful Products with Electricity Production as an Intermediate Stage. <b>2022</b> , 58, 869-875		0
2	Design and multi-objective comprehensive evaluation analysis of PV-WT-BG-Battery hybrid renewable energy systems in urban communities. <b>2023</b> , 18, 100357		0
1	High Speed Calculation Method Using Convolution for Calculating Normal and Disaster Costs of Buildings with Energy Generation and Storage Facilities. <b>2023</b> , 143, 205-218		0