

Mohammed Kharrich

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	An improved marine predators algorithm for the optimal design of hybrid renewable energy systems. Engineering Applications of Artificial Intelligence, 2022, 110, 104722.	4.3	20
2	An Improved Arithmetic Optimization Algorithm for design of a microgrid with energy storage system: Case study of El Kharga Oasis, Egypt. Journal of Energy Storage, 2022, 51, 104343.	3.9	29
3	Induction Motor DTC Performance Improvement by Inserting Fuzzy Logic Controllers and Twelve-Sector Neural Network Switching Table. Mathematics, 2022, 10, 1357.	1.1	6
4	Multi-objective optimization and the effect of the economic factors on the design of the microgrid hybrid system. Sustainable Cities and Society, 2021, 65, 102646.	5.1	65
5	Optimal Design of Microgrid Using Chimp Optimization Algorithm. , 2021, , .		9
6	Economic and Ecological Design of Hybrid Renewable Energy Systems Based on a Developed IWO/BSA Algorithm. Electronics (Switzerland), 2021, 10, 687.	1.8	16
7	Optimal Design of an Isolated Hybrid Microgrid for Enhanced Deployment of Renewable Energy Sources in Saudi Arabia. Sustainability, 2021, 13, 4708.	1.6	38
8	An Improved Heap-Based Optimizer for Optimal Design of a Hybrid Microgrid Considering Reliability and Availability Constraints. Sustainability, 2021, 13, 10419.	1.6	12
9	A Recent Analytical Approach for Analysis of Sub-Synchronous Resonance in Doubly-Fed Induction Generator-Based Wind Farm. IEEE Access, 2021, 9, 68888-68897.	2.6	15
10	An Overview of the Performance of PSO Algorithm in Renewable Energy Systems. Profiles in Operations Research, 2021, , 307-320.	0.3	2
11	Developed Approach Based on Equilibrium Optimizer for Optimal Design of Hybrid PV/Wind/Diesel/Battery Microgrid in Dakhla, Morocco. IEEE Access, 2021, 9, 13655-13670.	2.6	61
12	Development and Implementation of a Novel Optimization Algorithm for Reliable and Economic Grid-Independent Hybrid Power System. Applied Sciences (Switzerland), 2020, 10, 6604.	1.3	29
13	A Review on Recent Sizing Methodologies for Hybrid Microgrid Systems. International Journal on Energy Conversion, 2019, 7, 230.	0.5	7
14	Microgrid Sizing with Environmental and Economic Optimization. , 2018, , .		7
15	Optimal microgrid sizing and daily capacity stored analysis in summer and winter season. , 2018, , .		5
16	Design of Hybrid Microgrid PV/Wind/Diesel/Battery System: Case Study for Rabat and Baghdad. EAI Endorsed Transactions on Energy Web, 2018, .	0.3	9
17	Optimal sizing and cost of a Microgrid based in PV, WIND and BESS for a School of Engineering. , 2017, , .		9