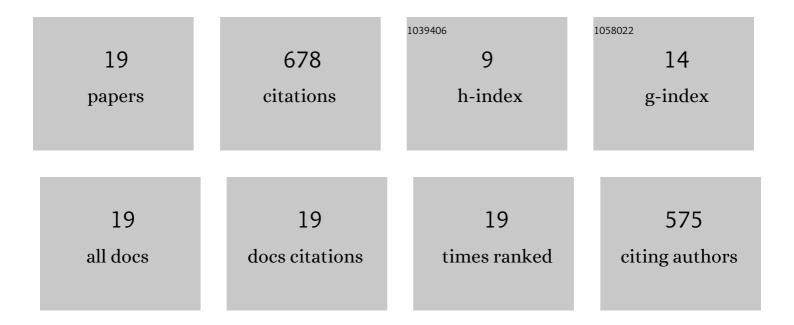
Abba Lawan Bukar

List of Publications by Year in descending order

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ARRA LAWAN RIIKAD

#	Article	IF	CITATIONS
1	Optimal sizing of an autonomous photovoltaic/wind/battery/diesel generator microgrid using grasshopper optimization algorithm. Solar Energy, 2019, 188, 685-696.	2.9	283
2	A review on stand-alone photovoltaic-wind energy system with fuel cell: System optimization and energy management strategy. Journal of Cleaner Production, 2019, 221, 73-88.	4.6	155
3	A rule-based energy management scheme for long-term optimal capacity planning of grid-independent microgrid optimized by multi-objective grasshopper optimization algorithm. Energy Conversion and Management, 2020, 221, 113161.	4.4	109
4	Energy management strategy and capacity planning of an autonomous microgrid: Performance comparison of metaheuristic optimization searching techniques. Renewable Energy Focus, 2022, 40, 48-66.	2.2	22
5	Energy cost reduction in residential nanogrid under constraints of renewable energy, customer demand fitness and binary battery operations. Journal of Energy Storage, 2021, 39, 102520.	3.9	18
6	Optimal residence energy management with time and device-based preferences using an enhanced binary grey wolf optimization algorithm. Sustainable Energy Technologies and Assessments, 2020, 41, 100798.	1.7	17
7	An Approach to Energy Saving and Cost of Energy Reduction Using an Improved Efficient Technology. Open Journal of Energy Efficiency, 2015, 04, 61-68.	0.6	17
8	Simple and fast computation photovoltaic emulator using shift controller. IET Renewable Power Generation, 2020, 14, 2017-2026.	1.7	14
9	Economic Assessment of a PV/Diesel/Battery Hybrid Energy System for a Non-Electrified Remote Village in Nigeria. European Journal of Engineering Research and Science, 2017, 2, 21.	0.3	10
10	Analysis of energy management schemes for renewable-energy-based smart homes against the backdrop of COVID-19. Sustainable Energy Technologies and Assessments, 2022, 52, 102136.	1.7	10
11	Optimal Sizing of Hybrid Fuel Cell and PV Employing Hybrid PSO-GA. , 2019, , .		5
12	A simplified and fast computing photovoltaic model for string simulation under partial shading condition. Sustainable Energy Technologies and Assessments, 2020, 42, 100812.	1.7	5
13	Economic Analysis of Residential Grid-connected Photovoltaic System with Lithium-ion Battery Storage. , 2019, , .		3
14	A Review of the Smart Grid Communication Technologies in Contactless Charging with Vehicle to Grid Integration Technology. Journal of Integrated and Advanced Engineering, 2021, 1, 11-20.	0.2	3
15	Optimal planning of hybrid photovoltaic/battery/diesel generator in ship power system. International Journal of Power Electronics and Drive Systems, 2020, 11, 1527.	0.5	3
16	The performances of partial shading adjuster for improving photovoltaic emulator. International Journal of Power Electronics and Drive Systems, 2022, 13, 528.	0.5	2
17	Energy Management Strategy and Capacity Planning of an Autonomous Microgrid: A Comparative Study of Metaheuristic Optimization Searching Techniques. , 2021, , .		1
18	Economic Assessment of a PV/Diesel/Battery Hybrid Energy System for a Non-Electrified Remote Village in Nigeria. European Journal of Education and Pedagogy, 2017, 2, 21-31.	0.2	1

#	Article	IF	CITATIONS
19	Stability Analysis in a Grid-interactive Residential Nanogrid Using Markov Chains. , 2021, , .		0