

Atanda K Raji

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

384
citations

1307594

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h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal sizing of hybrid fuel cell-supercapacitor storage system for off-grid renewable applications. Energy, 2019, 166, 530-540.	8.8	154
2	Decision-making between a grid extension and a rural renewable off-grid system with hydrogen generation. International Journal of Hydrogen Energy, 2018, 43, 9535-9548.	7.1	91
3	Fuzzy Rule-Based and Particle Swarm Optimisation MPPT Techniques for a Fuel Cell Stack. Energies, 2019, 12, 936.	3.1	35
4	Modeling and Optimization of a Community Microgrid Components. Energy Procedia, 2019, 156, 406-411.	1.8	28
5	Comparing fuzzy rule-based MPPT techniques for fuel cell stack applications. Energy Procedia, 2019, 156, 177-182.	1.8	26
6	A Grid-Tied Fuel Cell Multilevel Inverter with Low Harmonic Distortions. Energies, 2021, 14, 688.	3.1	12
7	Dynamic Control of Integrated Wind Farm Battery Energy Storage Systems for Grid Connection. Sustainability, 2021, 13, 3112.	3.2	12
8	Renewable Hydrogen-Based Energy System for Supplying Power to Telecoms Base Station. International Journal of Engineering Research in Africa, 0, 43, 112-126.	0.7	5
9	IoTivity Cloud-Enabled Platform for Energy Management Applications. IoT, 2022, 3, 73-90.	3.8	4
10	Potential benefits of renewable fuel cell systems for rural communities' power supply. , 2018, , .		3
11	Firefly Algorithm-Based Optimization of the Additional Energy Yield of Bifacial PV Modules. Energies, 2022, 15, 2651.	3.1	3
12	The DC house for low power households - DC-DC converter analysis. , 2015, , .		2
13	Performance and Cost Analysis of Lithium-Ion Battery for Powering Off-Grid Telecoms Base Stations in Africa. International Journal of Engineering Research in Africa, 2019, 43, 101-111.	0.7	2
14	Energy management system for a hybrid hydrogen fuel cell-supercapacitor in an islanded microgrid. , 2019, , .		2
15	Potential and Reliability Assessment of Renewable Power: The Case of Angola. , 2021, , .		2
16	A 2 MW grid-tied fuel cell inverter under a single loop control scheme. , 2022, , .		2
17	Access to Efficient and Sustainable Energy: Case of Madagascar. , 2020, , .		1
18	Techno-Economic Feasibility Study of Autonomous Hybrid AC/DC Microgrid System. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Fuel Cell Micro-CHP for Energy Access in Rural Areas. , 2018, , .		0