

Mudathir Akorede,, Smieeee

List of Publications by Year in descending order

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28
papers

1,360
citations

516681

16
h-index

713444

21
g-index

28
all docs

28
docs citations

28
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed energy resources and benefits to the environment. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 724-734.	16.4	501
2	CVaR-based energy management scheme for optimal resilience and operational cost in commercial building microgrids. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 100, 1-9.	5.5	161
3	Effective method for optimal allocation of distributed generation units in meshed electric power systems. <i>IET Generation, Transmission and Distribution</i> , 2011, 5, 276.	2.5	122
4	Adaptive load shedding scheme for frequency stability enhancement in microgrids. <i>Electric Power Systems Research</i> , 2016, 140, 78-86.	3.6	90
5	Framework for smart transactive energy in home-microgrids considering coalition formation and demand side management. <i>Sustainable Cities and Society</i> , 2018, 40, 136-154.	10.4	85
6	Mitigating the anthropogenic global warming in the electric power industry. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2747-2761.	16.4	64
7	Multilevel converter control approach of active power filter for harmonics elimination in electric grids. <i>Energy</i> , 2015, 84, 722-731.	8.8	43
8	Generation expansion planning in electricity market considering uncertainty in load demand and presence of strategic GENCOs. <i>Electric Power Systems Research</i> , 2017, 152, 92-104.	3.6	38
9	Appraising the viability of wind energy conversion system in the Peninsular Malaysia. <i>Energy Conversion and Management</i> , 2013, 76, 801-810.	9.2	37
10	A Centralized Smart Decision-Making Hierarchical Interactive Architecture for Multiple Home Microgrids in Retail Electricity Market. <i>Energies</i> , 2018, 11, 3144.	3.1	34
11	Function-based modulation control for modular multilevel converters under varying loading and parameters conditions. <i>IET Generation, Transmission and Distribution</i> , 2017, 11, 3222-3230.	2.5	32
12	Long-Term Decision on Wind Investment with Considering Different Load Ranges of Power Plant for Sustainable Electricity Energy Market. <i>Sustainability</i> , 2018, 10, 3811.	3.2	29
13	Optimisation analysis of a stand-alone hybrid energy system for the senate building, university of Ilorin, Nigeria. <i>Journal of Building Engineering</i> , 2018, 19, 285-294.	3.4	24
14	Off-grid photovoltaic microgrid development for rural electrification in Nigeria. <i>Electricity Journal</i> , 2020, 33, 106765.	2.5	20
15	Wavelet Transforms: Practical Applications in Power Systems. <i>Journal of Electrical Engineering and Technology</i> , 2009, 4, 168-174.	2.0	18
16	Hysteresis current control technique of VSI for compensation of grid-connected unbalanced loads. <i>Electrical Engineering</i> , 2014, 96, 27-35.	2.0	16
17	A hybrid algorithm for fast detection and classification of voltage disturbances in electric power systems. <i>European Transactions on Electrical Power</i> , 2011, 21, 555-564.	1.0	11
18	Simulation-Based Optimization of Hybrid Renewable Energy System for Off-grid Rural Electrification. <i>International Journal of Renewable Energy Development</i> , 2021, 10, 667-686.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Real-time demand response algorithm for minimising industrial consumers electricity billing. , 2017, , .		6
20	Economic viability of distributed energy resources relative to substation and feeder facilities expansion. , 2010, , .		5
21	Unit commitment optimisation of hydro-thermal power systems in the day-ahead electricity market. Cogent Engineering, 2016, 3, 1251009.	2.2	4
22	Efficient remote control system using SMS and WiFi technology for outdoor security lighting applications. , 2017, , .		3
23	Guidelines for writing an undergraduate engineering project. IEEE Potentials, 2009, 28, 10-15.	0.3	2
24	A study of energy conversion at the Jebba Hydroelectric power station. , 2017, , .		2
25	Evaluation of Failure and Repair of the Jebba and the Shiroro Hydroelectric Power Stations. Journal of Failure Analysis and Prevention, 2019, 19, 488-495.	0.9	2
26	Assessment of Solar and Hydropower Energy Potentials of Three Rural Communities in Nigeria. , 2019, , .		0
27	Simulation-Based Optimization of Hybrid Renewable Energy System for Off-grid Rural Electrification. International Journal of Renewable Energy Development, 2021, 10, .	2.4	0
28	Design and performance analysis of off-grid hybrid renewable energy systems. , 2022, , 35-68.		0