

N W A Lidula

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,209
citations

1163117

8
h-index

1372567

10
g-index

27
all docs

27
docs citations

27
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Protection and grounding methods in DC microgrids: Comprehensive review and analysis. Renewable and Sustainable Energy Reviews, 2020, 120, 109631.	16.4	37
2	Wavelet-Multi Resolution Analysis Based ANN Architecture for Fault Detection and Localization in DC Microgrids. IEEE Access, 2019, 7, 145371-145384.	4.2	70
3	SoC Based Multi-Mode Battery Energy Management System for DC Microgrids. , 2019, , .		9
4	Low Voltage DC Microgrid Control Strategy Using Single Phase DQ Transformation. , 2019, , .		0
5	Power Quality Issues Due to High Penetration of Rooftop Solar PV in Low Voltage Distribution Networks: A Case Study. , 2019, , .		8
6	Ground Fault Analysis and Grounding Design Considerations in DC Microgrids. , 2018, , .		5
7	Bus Voltage Signalling Based Coordinated Control of DC Microgrids. , 2018, , .		4
8	Impact of Large-Scale Wind and Solar Power Integration on Operating Reserve Requirements of an Islanded Power System. , 2018, , .		2
9	Impact of Islanding Detection Time Duration on the Stable Operation of a Synchronous Generator Controlled Microgrid. Technology and Economics of Smart Grids and Sustainable Energy, 2017, 2, 1.	2.6	3
10	Implementation, Comparison and Application of an Average Simulation Model of a Wind Turbine Driven Doubly Fed Induction Generator. Energies, 2017, 10, 1726.	3.1	11
11	Techno-economic feasibility of using 400 kV for the 2032 transmission system of Sri Lanka. , 2016, , .		0
12	Designing and simulation of a DC microgrid in PSCAD. , 2016, , .		1
13	Modelling and simulation of a solar PV and battery based DC microgrid system. , 2016, , .		26
14	Evaluation of the impact of integrating pumped-storage systems in a small power system with high wind penetration. , 2016, , .		0
15	Evaluation of protection coordination violations with the integration of distributed generators. , 2015, , .		0
16	Designing a microgrid test system for transient analysis. , 2015, , .		2
17	Voltage balancing and synchronization of microgrids with highly unbalanced loads. Renewable and Sustainable Energy Reviews, 2014, 31, 907-920.	16.4	37
18	Technical program committee (TPC). , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Prototype implementation of an islanding detection relay based on pattern classification of current and voltage transients. Journal of the National Science Foundation of Sri Lanka, 2014, 42, 3.	0.2	1
20	Under-frequency load shedding for power systems with high variability and uncertainty. , 2013, , .		3
21	A Pattern-Recognition Approach for Detecting Power Islands Using Transient Signalsâ€™Part II: Performance Evaluation. IEEE Transactions on Power Delivery, 2012, 27, 1071-1080.	4.3	81
22	Hardware implementation of an islanding detection approach based on current and voltage transients. , 2011, , .		8
23	Microgrids research: A review of experimental microgrids and test systems. Renewable and Sustainable Energy Reviews, 2011, 15, 186-202.	16.4	634
24	A Pattern Recognition Approach for Detecting Power Islands Using Transient Signalsâ€™Part I: Design and Implementation. IEEE Transactions on Power Delivery, 2010, 25, 3070-3077.	4.3	115
25	Investigation of a fast islanding detection methodology using transient signals. , 2009, , .		47
26	Fast and reliable detection of power islands using transient signals. , 2009, , .		23
27	ASEAN towards clean and sustainable energy: Potentials, utilization and barriers. Renewable Energy, 2007, 32, 1441-1452.	8.9	82