

Renuga Verayiah

List of Publications by Year in descending order

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22
papers

251
citations

1307594

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all docs

22
docs citations

22
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing Peer-to-Peer (P2P) Energy Trading Model for Malaysia: A Review and Proposed Implementation. IEEE Access, 2022, 10, 33183-33199.	4.2	6
2	Steady State and Transient Analysis of a Grid Connected Large-Scale Solar Plant in IEEE 9-Bus Transmission Networks. , 2022, , .		0
3	Voltage Oriented Control and Direct Power Control Strategies in solving under and overvoltage conditions for heavy load application on Malaysian Distribution Representative Network. Electrical Engineering, 2021, 103, 1597-1612.	2.0	7
4	Hybrid Control of Grid-Feeding and Fuzzy Logic Fault Detection in Solving Voltage Dynamic Problem within the Malaysian Distribution Network. Energies, 2021, 14, 3545.	3.1	3
5	Techno-economics analysis of battery energy storage system (BESS) design for virtual power plant (VPP)â€A case study in Malaysia. Journal of Energy Storage, 2021, 38, 102568.	8.1	19
6	Investigation of Optimal PV Allocation to Minimize System Losses and Improve Voltage Stability for Distribution and Transmission Networks Using MATLAB and DigSilent. Frontiers in Energy Research, 2021, 9, .	2.3	2
7	Investigation of Power Flow Tracing Strategy Using an Index in a Transmission System with Solar PV for Congestion Management. , 2021, , .		1
8	Estimation of the energy consumption of battery driven electric buses by integrating digital elevation and longitudinal dynamic models: Malaysia as a case study. Applied Energy, 2020, 280, 115873.	10.1	25
9	Distributed Generation: A Review on Current Energy Status, Grid-Interconnected PQ Issues, and Implementation Constraints of DG in Malaysia. Energies, 2020, 13, 6479.	3.1	11
10	Battery energy storage system (BESS) design for peak demand reduction, energy arbitrage and grid ancillary services. International Journal of Power Electronics and Drive Systems, 2020, 11, 398.	0.6	2
11	Time-domain harmonic extraction algorithms for three-level inverter-based shunt active power filter under steady-state and dynamic-state conditions-an evaluation study. International Journal of Electrical and Computer Engineering, 2020, 10, 5609.	0.7	3
12	Voltage regulation and power loss reduction by integration of SVC in distribution networks via PSSE. International Journal of Power Electronics and Drive Systems, 2020, 11, 1579.	0.6	0
13	A Three-Level Universal Electric Vehicle Charger Based on Voltage-Oriented Control and Pulse-Width Modulation. Energies, 2019, 12, 2375.	3.1	17
14	The Potential and Status of Renewable Energy Development in Malaysia. Energies, 2019, 12, 2437.	3.1	126
15	Hardware Implementation of Beam Formed Ultrasonic Bird Deterrent System. , 2019, , .		4
16	Framework for Green School Model Development in Malaysia. International Journal of Engineering and Technology(UAE), 2018, 7, 442.	0.3	1
17	Comparison of Weak Load Bus Detection using LQP_LT Index with PV and QV Analysis of PSS/E. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 577.	0.8	3
18	Reactive Power Tracing Index LQP_LT for Voltage Unstable Load Bus Identification in Power Systems. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 889.	0.8	1

#	ARTICLE	IF	CITATIONS
19	A Comparison Study on Types of PV for Grid Connected Photovoltaic Power. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 6, 349.	0.8	8
20	Multi- level optimization strategy for load shedding with tracing capability index. , 2015, , .		0
21	Performance Comparison of Voltage Stability Indices for Weak Bus Identification in Power Systems. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012022.	0.3	4
22	A Study on static voltage collapse proximity indicators. , 2008, , .		8