

Renuga Verayiah

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

251
citations

1307594

7
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential and Status of Renewable Energy Development in Malaysia. <i>Energies</i> , 2019, 12, 2437.	3.1	126
2	Estimation of the energy consumption of battery driven electric buses by integrating digital elevation and longitudinal dynamic models: Malaysia as a case study. <i>Applied Energy</i> , 2020, 280, 115873.	10.1	25
3	Techno-economics analysis of battery energy storage system (BESS) design for virtual power plant (VPP) – A case study in Malaysia. <i>Journal of Energy Storage</i> , 2021, 38, 102568.	8.1	19
4	A Three-Level Universal Electric Vehicle Charger Based on Voltage-Oriented Control and Pulse-Width Modulation. <i>Energies</i> , 2019, 12, 2375.	3.1	17
5	Distributed Generation: A Review on Current Energy Status, Grid-Interconnected PQ Issues, and Implementation Constraints of DG in Malaysia. <i>Energies</i> , 2020, 13, 6479.	3.1	11
6	A Study on static voltage collapse proximity indicators. , 2008, , .		8
7	A Comparison Study on Types of PV for Grid Connected Photovoltaic Power. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2017, 6, 349.	0.8	8
8	Voltage Oriented Control and Direct Power Control Strategies in solving under and overvoltage conditions for heavy load application on Malaysian Distribution Representative Network. <i>Electrical Engineering</i> , 2021, 103, 1597-1612.	2.0	7
9	Developing Peer-to-Peer (P2P) Energy Trading Model for Malaysia: A Review and Proposed Implementation. <i>IEEE Access</i> , 2022, 10, 33183-33199.	4.2	6
10	Performance Comparison of Voltage Stability Indices for Weak Bus Identification in Power Systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 2013, 16, 012022.	0.3	4
11	Hardware Implementation of Beam Formed Ultrasonic Bird Deterrent System. , 2019, , .		4
12	Hybrid Control of Grid-Feeding and Fuzzy Logic Fault Detection in Solving Voltage Dynamic Problem within the Malaysian Distribution Network. <i>Energies</i> , 2021, 14, 3545.	3.1	3
13	Comparison of Weak Load Bus Detection using LQP_LT Index with PV and QV Analysis of PSS/E. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 12, 577.	0.8	3
14	Time-domain harmonic extraction algorithms for three-level inverter-based shunt active power filter under steady-state and dynamic-state conditions-an evaluation study. <i>International Journal of Electrical and Computer Engineering</i> , 2020, 10, 5609.	0.7	3
15	Investigation of Optimal PV Allocation to Minimize System Losses and Improve Voltage Stability for Distribution and Transmission Networks Using MATLAB and DigSilent. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	2
16	Battery energy storage system (BESS) design for peak demand reduction, energy arbitrage and grid ancillary services. <i>International Journal of Power Electronics and Drive Systems</i> , 2020, 11, 398.	0.6	2
17	Framework for Green School Model Development in Malaysia. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 442.	0.3	1
18	Reactive Power Tracing Index LQP_LT for Voltage Unstable Load Bus Identification in Power Systems. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 12, 889.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Investigation of Power Flow Tracing Strategy Using an Index in a Transmission System with Solar PV for Congestion Management. , 2021, , .		1
20	Multi- level optimization strategy for load shedding with tracing capability index. , 2015, , .		0
21	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
22	Steady State and Transient Analysis of a Grid Connected Large-Scale Solar Plant in IEEE 9-Bus Transmission Networks. , 2022, , .		0