

Nabil Mohammed

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

249
citations

933447

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20
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Communication-Free Equivalent Grid Impedance Estimation Technique for Multi-Inverter Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 1542-1552.	7.9	6
2	Accurate Reactive Power Sharing Strategy for Droop-Based Islanded AC Microgrids. IEEE Transactions on Industrial Electronics, 2023, 70, 2696-2707.	7.9	21
3	Pollution Flashover Voltage of Transmission Line Insulators: Systematic Review of Experimental Works. IEEE Access, 2022, 10, 10416-10444.	4.2	8
4	Adaptive Power Control Strategy for Smart Droop-Based Grid-Connected Inverters. IEEE Transactions on Smart Grid, 2022, 13, 2075-2085.	9.0	18
5	Fast and accurate grid impedance estimation approach for stability analysis of grid-connected inverters. Electric Power Systems Research, 2022, 207, 107831.	3.6	4
6	Comprehensive Modeling, Analysis, and Comparison of State-Space and Admittance Models of PLL-Based Grid-Following Inverters Considering Different Outer Control Modes. IEEE Access, 2022, 10, 30109-30146.	4.2	13
7	Polymeric Insulator Conditions Estimation by Using Leakage Current Characteristics Based on Simulation and Experimental Investigation. Polymers, 2022, 14, 737.	4.5	10
8	New Modulation Technique in Smart Grid Interfaced Multilevel UPQC-PV Controlled via Fuzzy Logic Controller. Electronics (Switzerland), 2022, 11, 919.	3.1	18
9	Global Impedance Identification of Inverter-Based Power Systems Using Grid-Forming-Inverter-Based Current Perturbation Injections at Single Node. , 2022, , .		0
10	An Online Event-Based Grid Impedance Estimation Technique Using Grid-Connected Inverters. IEEE Transactions on Power Electronics, 2021, 36, 6106-6117.	7.9	36
11	A Wind Energy Supplier Bidding Strategy Using Combined EGA-Inspired HPSOIFA Optimizer and Deep Learning Predictor. Energies, 2021, 14, 3059.	3.1	30
12	Programmable logic controller based lithium-ion battery management system for accurate state of charge estimation. Computers and Electrical Engineering, 2021, 93, 107306.	4.8	12
13	Energy Demand Estimation of Electric Buses Considering Dynamic Wireless Charging Technology. , 2021, , .		2
14	Fundamental grid impedance estimation using grid-connected inverters: a comparison of two frequency-based estimation techniques. IET Power Electronics, 2020, 13, 2730-2741.	2.1	16
15	An Accurate Reactive Power Sharing Strategy for an Islanded Microgrid Based on Online Feeder Impedance Estimation. , 2020, , .		6
16	Online Parametric Estimation of Grid Impedance Under Unbalanced Grid Conditions. Energies, 2019, 12, 4752.	3.1	22
17	An Improved Grid Impedance Estimation Technique under Unbalanced Voltage Conditions. , 2019, , .		13
18	Performance Evaluation of Wideband Binary Identification of Grid Impedance Using Grid-connected Inverters. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
19	Design, Control and Monitoring of an Offline Mobile Battery Energy Storage System for a Typical Malaysian Household Load Using PLC. International Journal of Power Electronics and Drive Systems, 2018, 9, 180.	0.6	5