

Nabil Mohammed

List of Publications by Year in descending order

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19
papers

249
citations

933447

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20
all docs

20
docs citations

20
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	An Online Event-Based Grid Impedance Estimation Technique Using Grid-Connected Inverters. IEEE Transactions on Power Electronics, 2021, 36, 6106-6117.	7.9	36
2	A Wind Energy Supplier Bidding Strategy Using Combined EGA-Inspired HPSOIFA Optimizer and Deep Learning Predictor. Energies, 2021, 14, 3059.	3.1	30
3	Online Parametric Estimation of Grid Impedance Under Unbalanced Grid Conditions. Energies, 2019, 12, 4752.	3.1	22
4	Accurate Reactive Power Sharing Strategy for Droop-Based Islanded AC Microgrids. IEEE Transactions on Industrial Electronics, 2023, 70, 2696-2707.	7.9	21
5	Adaptive Power Control Strategy for Smart Droop-Based Grid-Connected Inverters. IEEE Transactions on Smart Grid, 2022, 13, 2075-2085.	9.0	18
6	New Modulation Technique in Smart Grid Interfaced Multilevel UPQC-PV Controlled via Fuzzy Logic Controller. Electronics (Switzerland), 2022, 11, 919.	3.1	18
7	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
8	An Improved Grid Impedance Estimation Technique under Unbalanced Voltage Conditions. , 2019, , .		13
9	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
10	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
11	Polymeric Insulator Conditions Estimation by Using Leakage Current Characteristics Based on Simulation and Experimental Investigation. Polymers, 2022, 14, 737.	4.5	10
12	Pollution Flashover Voltage of Transmission Line Insulators: Systematic Review of Experimental Works. IEEE Access, 2022, 10, 10416-10444.	4.2	8
13	Performance Evaluation of Wideband Binary Identification of Grid Impedance Using Grid-connected Inverters. , 2019, , .		7
14	An Accurate Reactive Power Sharing Strategy for an Islanded Microgrid Based on Online Feeder Impedance Estimation. , 2020, , .		6
15	Communication-Free Equivalent Grid Impedance Estimation Technique for Multi-Inverter Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 1542-1552.	7.9	6
16	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
17	Fast and accurate grid impedance estimation approach for stability analysis of grid-connected inverters. Electric Power Systems Research, 2022, 207, 107831.	3.6	4
18	Energy Demand Estimation of Electric Buses Considering Dynamic Wireless Charging Technology. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Global Impedance Identification of Inverter-Based Power Systems Using Grid-Forming-Inverter-Based Current Perturbation Injections at Single Node. , 2022, , .		0