

Akito Nakadomari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impact of Time-of-Use Demand Response Program on Optimal Operation of Afghanistan Real Power System. <i>Energies</i> , 2022, 15, 296.	3.1	28
2	Optimization of Voltage Unbalance Compensation by Smart Inverter. <i>Energies</i> , 2020, 13, 4623.	3.1	22
3	Optimal Sizing of a Real Remote Japanese Microgrid with Sea Water Electrolysis Plant Under Time-Based Demand Response Programs. <i>Energies</i> , 2020, 13, 3666.	3.1	19
4	A Short Assessment of Renewable Energy for Optimal Sizing of 100% Renewable Energy Based Microgrids in Remote Islands of Developing Countries: A Case Study in Bangladesh. <i>Energies</i> , 2022, 15, 1084.	3.1	18
5	Technical and Economic Analysis of an HVDC Transmission System for Renewable Energy Connection in Afghanistan. <i>Sustainability</i> , 2022, 14, 1468.	3.2	13
6	Unbalanced Voltage Compensation with Optimal Voltage Controlled Regulators and Load Ratio Control Transformer. <i>Energies</i> , 2021, 14, 2997.	3.1	12
7	Dynamic Voltage Stability Assessment in Remote Island Power System with Renewable Energy Resources and Virtual Synchronous Generator. <i>Energies</i> , 2021, 14, 5851.	3.1	11
8	A Resonant Hybrid DC Circuit Breaker for Multi-Terminal HVDC Systems. <i>Sustainability</i> , 2020, 12, 7771.	3.2	8
9	Optimal Sizing of a Microgrid System with EV Charging Station in Park & Ride Facility. , 2020, , .		6
10	Optimal Control and Placement of Step Voltage Regulator for Voltage Unbalance Improvement and Loss Minimization in Distribution System. , 2020, , .		5
11	A Study on Voltage Unbalance Compensation and Minimizing Loss in Distribution System using SVR. , 2020, , .		1
12	Dynamic Voltage Stability Improvement by Reactive Power Adjustment of Virtual Synchronous Generator in Remote Island Power Systems. , 2022, , .		1
13	Multi-objective Optimal Placement of Three-Phase Step Voltage Regulator Considering Voltage Unbalance. , 2021, , .		1
14	Voltage Stability Improvement Method in Large Power System During Transmission Line Faults. , 2020, , .		0
15	Optimal Capacity and Operation of Distributed Energy Resources in Microgrid by Advanced Direct Load Control. , 2020, , .		0
16	Optimal Sizing and Operation of Distributed Energy Resources in Micro-grid with Fuel Cells. , 2020, , .		0
17	Control Strategies for energy management of MMC-MTDC smartgrid. , 2021, , .		0
18	A Study on Objective Dimensionality Reduction of Unbalanced Distribution System Operation. , 2021, , .		0