

Nanang Hariyanto

List of Publications by Year in descending order

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38
papers

115
citations

1684129

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h-index

1872665

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38
all docs

38
docs citations

38
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	The Coordinated Operation of Vertically Structured Power Systems for Electric Vehicle Charge Scheduling. <i>Energies</i> , 2022, 15, 27.	3.1	7
2	Protection Setting Validation Concept by Using Expert System. , 2021, , .		0
3	Swarm-based mean-variance mapping optimization for optimal placement of energy storage with synthetic inertia control on a low inertia power grid. <i>IET Generation, Transmission and Distribution</i> , 2021, 15, 2527-2537.	2.5	2
4	Optimal Scheduling Algorithm for Coal-Powered Power Plants " Considering Coal Delivery Constraints. , 2021, , .		0
5	Near Real-Time Power System Simulation in SCADA. , 2021, , .		0
6	Optimized Allocation of Solar PV in Batam-Bintan Power System 2021-2025. , 2021, , .		3
7	Special Protection System (SPS) Designing and Testing Based on Vulnerability and Frequency Security Index: Case Study of Batam-Bintan System, Indonesia. , 2021, , .		2
8	Optimized Hybrid Power System Configuration for The First Phase of Dedieselization Programs. , 2021, , .		2
9	Real Time Simulation of New Defense Scheme Based on Centralized Remedial Action Scheme For Batam-Bintan Electrical System Implementation. , 2021, , .		0
10	Adaptive Protection Coordination Scheme for Distribution System under Penetration of Distributed Generation. , 2021, , .		6
11	An Electric Vehicle Charge Scheduling Approach Suited to Local and Supplying Distribution Transformers. <i>Energies</i> , 2020, 13, 3486.	3.1	7
12	A Maximum Power Point Tracking Method Based on a Modified Grasshopper Algorithm Combined with Incremental Conductance. <i>Energies</i> , 2020, 13, 4329.	3.1	10
13	Optimal Tuning of Unified Power Flow Controller Using Firefly Algorithm to Improve Damping of Inter-Area Oscillations in Multi-Machine System. , 2020, , .		4
14	Competition in Power Generation: Ex-ante Analysis of Indonesia's Electricity Market. <i>Energies</i> , 2020, 13, 6741.	3.1	7
15	Optimized Design of Renewable Energy, Firm Capacity and Stable Operation Power Plant for Serving Off-grid Commercial Load in Indonesia. , 2020, , .		1
16	Prediction of Rooftop Photovoltaic Adopters in Residential Customer. , 2020, , .		1
17	Static Watt Compensator and Battery Energy Storage System for Frequency Stability Considering Smelter: A Comparison. , 2020, , .		1
18	Automatic Protection Implementation Considering Protection Assessment Method of DER Penetration for Smart Distribution Network. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Power System Performance Enhancement using Superconducting Magnetic Energy Storage unit and Proportional Integral Derivative Control. , 2020, , .		2
20	Multiloop PR+P Controller of Integrated BESS-DVR for Power Quality Improvement. , 2019, , .		1
21	System Modeling and Its Effect on State Estimation in Unbalanced Low Voltage Networks in the Presence of Measurement Errors. , 2019, , .		0
22	Optimal Placement of Energy Storage with Synthetic Inertia Control on a Grid with High Penetration of Renewables using Mean-Variance Mapping Optimization. , 2019, , .		4
23	Risk Cost Analysis and Impact of Dip Voltage, Case Study of The Food and Beverage Industry in East Java. , 2019, , .		0
24	Pricing Scheme for EV Charging Load Penetration in Distribution Network: Study Case Jakarta. , 2019, , .		4
25	Control Strategy for Optimizing Energy Management in Microgrid System Using Adaptive Control. , 2019, , .		1
26	DVR Control Based on Stationary Reference Frame for Unbalanced Voltage Sag Compensation. , 2018, , .		1
27	Study of Virtual Synchronous Machine (VSM) Converter Controller Response on Frequency and Transient Stability. , 2018, , .		0
28	Implementation of power oscillation damping function in STATCOM Controller. , 2017, , .		6
29	Renewable energy penetration in belitung power system. , 2017, , .		1
30	A review on building occupancy estimation methods. , 2017, , .		9
31	Droop control implementation on hybrid microgrid PV-diesel-battery. , 2017, , .		8
32	Optimized operation scheme of on-grid PV farm to grid case : Lombok Island. , 2017, , .		4
33	The use of Markov chain method to determine spare transformer number with 3-criteria parameters. , 2016, , .		1
34	Secondary arc modeling using ATPDraw study case Tasikmalaya-Depok extra high voltage overheadlines. , 2014, , .		0
35	Study of Renewable Energy Sources Capacity and Loading Using Data Logger for Sizing of Solar-wind Hybrid Power System. Procedia Technology, 2013, 11, 1048-1053.	1.1	15
36	Wind speed calculation by using electrical output and wind turbine power curve. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
37	An approach of generator coherency for underfrequency load shedding and islanding mechanism: Study on Sulawesi Selatan-Tenggara-Barat (Sulselrabar) System, Sulawesi, Indonesia. , 2012, , .		0
38	Fix series capacitor for increasing power transfer on transmission 150 kV at Sumatera interconnection system. , 2012, , .		2