Rini Nur Hasanah

List of Publications by Year
in descending order

65 papers	**216** citations	1478505 **6** h-index	1199594 **12** g-index
65 all docs	**65** docs citations	**65** times ranked	**189** citing authors

#	Article	IF	Citations
1	Deep Learning-Based Short-Term Load Forecasting for Supporting Demand Response Program in Hybrid Energy System. Energies, 2019, 12, 3359.	3.1	45
2	Power System Optimization of Static VAR Compensator Using Novel Global Harmony Search Method. International Journal of Electrical and Electronic Engineering and Telecommunications, 2019, , 26-32.	3.6	16
3	Prediction of Solar Radiation Intensity using Extreme Learning Machine. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 691.	0.8	13
4	Optimization of the reactive power injection to control voltage profile by using artificial bee colony algorithm. , 2016, , .		10
5	ANALYSIS OF POWER LOSSES DUE TO DISTRIBUTED GENERATION INCREASE ON DISTRIBUTION SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	9
6	The Analysis of Leakage Current on a 20-kV Silicone Rubber Post-Insulator under Dry and Wet Conditions. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1340.	0.4	8
7	Comparison of Solar Radiation Intensity Forecasting Using ANFIS and Multiple Linear Regression Methods. Bulletin of Electrical Engineering and Informatics, 2018, 7, 191-198.	0.8	7
8	DC Voltage Regulator using Buck-Boost Converter Based PID-Fuzzy Control. , 2020, , .		7
9	HISTOGRAM OF TRANSITION FOR HUMAN HEAD RECOGNITION. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	6
10	ANALYSIS PERFORMANCE OF SINGLY-FED CIRCULARLY POLARIZED MICROSTRIP ANTENNA FOR WIRELESS COMMUNICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	5
11	Smart Home Heating Control using Raspberry Pi and Blynk IoT Platform. , 2020, , .		5
12	VRLA battery state of health estimation based on charging time. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	5
13	The Analysis of Stub on Coplanar-Fed of Single and Array Microstrip Antenna for Mobile Satellite Communication. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1927.	0.4	5
14	Computer-based solar tracking system for PV energy yield improvement. International Journal of Power Electronics and Drive Systems, 2020, 11, 743.	0.6	5
15	DC-DC Converter for USB-C Power Adapter in Residential DC Electricity. , 2019, , .		4
16	Comparison Analysis of Electricity Load Demand Prediction using Recurrent Neural Network (RNN) and Vector Autoregressive Model (VAR). , 2020, , .		4
17	Battery management system on electric bike using Lithium-Ion 18650. International Journal of Power Electronics and Drive Systems, 2019, 10, 1529.	0.6	4
18	Analysis Two Beams LHCP Array Triangular Truncated Microstrip Antenna for CP-SAR Sensor. , 2021, , .		4

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19	Loading Performances of Low-Power Low-Speed Single-Phase Induction Generator with Energy Saving Lamps. Applied Mechanics and Materials, 2015, 785, 290-294.	0.2	3
20	Solar Energy Hybrid System for Seawater Distillation in the Coastal Regions. Energy Procedia, 2017, 143, 662-667.	1.8	3
21	The Influence of Water and Straw Powders Contaminants on Shell Diala B Transformator Oil. , 2018, , .		3
22	Influence of soil resistivity on substations earth grounding system. , 2019, , .		3
23	Economic Dispatch of 500 kV Java-Bali Power System using Hybrid Particle Swarm-Ant Colony Optimization Method. , 2020, , .		3
24	Power controller for hybrid AC/DC house. AIP Conference Proceedings, 2020, , .	0.4	3
25	Lifetime Prediction of Lead-Acid Batteries in Base-Transceiver Station. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1361.	0.4	3
26	LED-Lamp Design for Renewable Energy-Based DC House Application. International Journal of Power Electronics and Drive Systems, 2018, 9, 987.	0.6	3
27	Multi-verse optimization based evolutionary programming technique for power scheduling in loss minimization scheme. IAES International Journal of Artificial Intelligence, 2019, 8, 292.	0.8	3
28	The influence of conduction band location on the leakage current level of a glass insulator. , 2017, , .		2
29	Pin-Pex Insulation for AAAC Conductor of a 20-kV Medium-Voltage Power Network System. , 2018, , .		2
30	Arduino-Based Automatic Transfer Switch for Domestic Emergency Power Generator-Set. , 2018, , .		2
31	Influence of Polarity Effect and Internal Impurity on the Breakdown Voltage of Palm Oil Under Inhomogeneous Electric Field. , 2019, , .		2
32	Multiple Input Single Output Converter with MPPT for Renewable Energy Applications. , 2020, , .		2
33	Enhancement of the power system distribution reliability using ant colony optimization and simulated annealing methods. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 877.	0.8	2
34	Control of Pole-Climbing Robot Orientation using Self-Tuning Method. International Journal of Power Electronics and Drive Systems, 2018, 9, 1029.	0.6	2
35	The Four Patches of Triangular Microstrip Antennas as Configuration of CP-SAR. , 2019, , .		2
36	The use of mathematics and electric circuit simulator software in the learning process of wireless power transfer for electrical engineering students. AIP Conference Proceedings, 2017, , .	0.4	1

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37	Modeling and analysis of fault current limiter as a short-circuit protection device: A case study at the sengkaling substation, Malang, Indonesia. , 2017, , .		1
38	Light Sensing Smart Blinds. , 2018, , .		1
39	Breakdown Voltage of Palm Oil under Inhomogeneous Electric Field. , 2019, , .		1
40	Multiple-input Single-output Boost Converter. , 2019, , .		1
41	The Leakage Current and Flashover Voltage of Polyethylene Insulator with Different Contour Surfaces. , 2020, , .		1
42	Electron Bombardment of Nitrogen Gas Ionization in a DC Electric Field. , 2020, , .		1
43	An Effective Method of Regenerative Braking for Electric Vehicles. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1943.	0.4	1
44	The Array Microstrip Antenna for Mobile-Internet of Satellite Energy Communication. International Journal of Computer and Communication Engineering, 2019, 8, 119-128.	0.2	1
45	D-STATCON model for voltage sag mitigation. International Journal of Power Electronics and Drive Systems, 2019, 10, 2214.	0.6	1
46	Multi cases optimal reactive power dispatch using evolutionary programming. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 662.	0.8	1
47	Optimization of Sun-Tracker Positioning Using Takagi-Sugeno Fuzzy-Logic Method. Applied Mechanics and Materials, 0, 785, 231-235.	0.2	0
48	Design and construction of a single-arm crane miniature for stevedoring. , 2017, , .		0
49	The Influence of Kraft Papers and Mica Insertion on the Insulator Leakage Current of Coaxial Electrodes. , 2018, , .		0
50	Distance and speed estimation on a static test of experimental training rocket using optimum thrust force approach. , 2018, , .		0
51	Dithering system and single pumping for the impact of nonlinear distortions in radio over fibre systems. , 2018, , .		0
52	Influence of Water Contaminants on the Breakdown Voltage and Leakage Current of Palm Oil under Inhomogeneous Electric Field. , 2019, , .		0
53	Placement and Capacity Optimization of Unified Power Flow Controller using Imperialist Competitive Algorithm. , 2019, , .		0
54	Leakage Currents on the Distribution Post Insulator with Different Profile Factors. , 2019, , .		0

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55	Hybrid Improved Differential Evolution and Spline-based Jaya for Photovoltaic MPPT Technique. , 2019, , .		0
56	Design and Development of a DC Light-Bulb Using High-Power LEDs. , 2020, , .		0
57	Bombardment of Aluminum Plate Surface by Positive Ions in Nitrogen Gas. , 2020, , .		0
58	Single-Loop Optimization for Losses Minimization in Medium-Voltage Power Distribution System. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1347.	0.4	0
59	Alternative Grounding Method Using Coconut Shell Charcoal as Media of Mesh Electrodes. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 488.	0.8	0
60	A Micro-Scale Cyclone-Wind Turbine for Rooftop Ventilator. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 614.	0.8	0
61	Impact of Combine Dithering and Modulators to Mitigate Noise in Radio Over Fiber System. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 428.	0.8	0
62	Power System Distribution Reliability Enhancement of Pujon Feeder Malang-Indonesia Case Study using Bat and Cuckoo Search Algorithms. , 2020, , .		0
63	Impact of transformer's leakage inductance on duty cycle in isolated dc-dc converters. International Journal of Smart Grid and Clean Energy, 2020, , 61-68.	0.4	0
64	Analysis of loss on single-phase dry transformers with non-linear load. Eastern-European Journal of Enterprise Technologies, 2021, 5, 17-22.	0.5	0
65	Unjuk Kerja Performa Turbin Arus Laut Sumbu Vertikal Pada Berbagai Bentuk Sudu Unik. Rekayasa, 2022, 15, 53-63.	0.1	0