

# Rini Nur Hasanah

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Unjuk Kerja Performa Turbin Arus Laut Sumbu Vertikal Pada Berbagai Bentuk Sudu Unik. <i>Rekayasa</i> , 2022, 15, 53-63.	0.1	0
2	Analysis of loss on single-phase dry transformers with non-linear load. <i>Eastern-European Journal of Enterprise Technologies</i> , 2021, 5, 17-22.	0.5	0
3	Analysis Two Beams LHCP Array Triangular Truncated Microstrip Antenna for CP-SAR Sensor. , 2021, , .		4
4	The Leakage Current and Flashover Voltage of Polyethylene Insulator with Different Contour Surfaces. , 2020, , .		1
5	Economic Dispatch of 500 kV Java-Bali Power System using Hybrid Particle Swarm-Ant Colony Optimization Method. , 2020, , .		3
6	Comparison Analysis of Electricity Load Demand Prediction using Recurrent Neural Network (RNN) and Vector Autoregressive Model (VAR). , 2020, , .		4
7	Multiple Input Single Output Converter with MPPT for Renewable Energy Applications. , 2020, , .		2
8	Electron Bombardment of Nitrogen Gas Ionization in a DC Electric Field. , 2020, , .		1
9	Design and Development of a DC Light-Bulb Using High-Power LEDs. , 2020, , .		0
10	Bombardment of Aluminum Plate Surface by Positive Ions in Nitrogen Gas. , 2020, , .		0
11	Power controller for hybrid AC/DC house. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
12	Smart Home Heating Control using Raspberry Pi and Blynk IoT Platform. , 2020, , .		5
13	Enhancement of the power system distribution reliability using ant colony optimization and simulated annealing methods. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 17, 877.	0.8	2
14	Computer-based solar tracking system for PV energy yield improvement. <i>International Journal of Power Electronics and Drive Systems</i> , 2020, 11, 743.	0.6	5
15	Power System Distribution Reliability Enhancement of Pujon Feeder Malang-Indonesia Case Study using Bat and Cuckoo Search Algorithms. , 2020, , .		0
16	DC Voltage Regulator using Buck-Boost Converter Based PID-Fuzzy Control. , 2020, , .		7
17	Impact of transformer's leakage inductance on duty cycle in isolated dc-dc converters. <i>International Journal of Smart Grid and Clean Energy</i> , 2020, , 61-68.	0.4	0
18	Multi cases optimal reactive power dispatch using evolutionary programming. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 17, 662.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Breakdown Voltage of Palm Oil under Inhomogeneous Electric Field. , 2019, , .		1
20	Influence of Polarity Effect and Internal Impurity on the Breakdown Voltage of Palm Oil Under Inhomogeneous Electric Field. , 2019, , .		2
21	Influence of soil resistivity on substations earth grounding system. , 2019, , .		3
22	Influence of Water Contaminants on the Breakdown Voltage and Leakage Current of Palm Oil under Inhomogeneous Electric Field. , 2019, , .		0
23	Deep Learning-Based Short-Term Load Forecasting for Supporting Demand Response Program in Hybrid Energy System. Energies, 2019, 12, 3359.	3.1	45
24	Placement and Capacity Optimization of Unified Power Flow Controller using Imperialist Competitive Algorithm. , 2019, , .		0
25	Leakage Currents on the Distribution Post Insulator with Different Profile Factors. , 2019, , .		0
26	DC-DC Converter for USB-C Power Adapter in Residential DC Electricity. , 2019, , .		4
27	Hybrid Improved Differential Evolution and Spline-based Jaya for Photovoltaic MPPT Technique. , 2019, , .		0
28	Multiple-input Single-output Boost Converter. , 2019, , .		1
29	VRLA battery state of health estimation based on charging time. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT <sub>5</sub> /Overlook	0.8	5
30	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
31	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
32	Battery management system on electric bike using Lithium-Ion 18650. International Journal of Power Electronics and Drive Systems, 2019, 10, 1529.	0.6	4
33	The Four Patches of Triangular Microstrip Antennas as Configuration of CP-SAR. , 2019, , .		2
34	D-STATCON model for voltage sag mitigation. International Journal of Power Electronics and Drive Systems, 2019, 10, 2214.	0.6	1
35	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
36	The Influence of Water and Straw Powders Contaminants on Shell Diala B Transformator Oil. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
37	Light Sensing Smart Blinds. , 2018, , .		1
38	Pin-Pex Insulation for AAAC Conductor of a 20-kV Medium-Voltage Power Network System. , 2018, , .		2
39	The Influence of Kraft Papers and Mica Insertion on the Insulator Leakage Current of Coaxial Electrodes. , 2018, , .		0
40	Arduino-Based Automatic Transfer Switch for Domestic Emergency Power Generator-Set. , 2018, , .		2
41	Distance and speed estimation on a static test of experimental training rocket using optimum thrust force approach. , 2018, , .		0
42	Dithering system and single pumping for the impact of nonlinear distortions in radio over fibre systems. , 2018, , .		0
43	Prediction of Solar Radiation Intensity using Extreme Learning Machine. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 691.	0.8	13
44	Alternative Grounding Method Using Coconut Shell Charcoal as Media of Mesh Electrodes. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 488.	0.8	0
45	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
46	A Micro-Scale Cyclone-Wind Turbine for Rooftop Ventilator. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 614.	0.8	0
47	LED-Lamp Design for Renewable Energy-Based DC House Application. International Journal of Power Electronics and Drive Systems, 2018, 9, 987.	0.6	3
48	Control of Pole-Climbing Robot Orientation using Self-Tuning Method. International Journal of Power Electronics and Drive Systems, 2018, 9, 1029.	0.6	2
49	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
50	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
51	Solar Energy Hybrid System for Seawater Distillation in the Coastal Regions. Energy Procedia, 2017, 143, 662-667.	1.8	3
52	The influence of conduction band location on the leakage current level of a glass insulator. , 2017, , .		2
53	Modeling and analysis of fault current limiter as a short-circuit protection device: A case study at the sengkaling substation, Malang, Indonesia. , 2017, , .		1
54	Design and construction of a single-arm crane miniature for stevedoring. , 2017, , .		0

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55	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
56	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
57	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
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	An Effective Method of Regenerative Braking for Electric Vehicles. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1943.	0.4	1
60	ANALYSIS OF POWER LOSSES DUE TO DISTRIBUTED GENERATION INCREASE ON DISTRIBUTION SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	9
61	ANALYSIS PERFORMANCE OF SINGLY-FED CIRCULARLY POLARIZED MICROSTRIP ANTENNA FOR WIRELESS COMMUNICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	5
62	Optimization of the reactive power injection to control voltage profile by using artificial bee colony algorithm. , 2016, , .		10
63	HISTOGRAM OF TRANSITION FOR HUMAN HEAD RECOGNITION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	8
64	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
65	Optimization of Sun-Tracker Positioning Using Takagi-Sugeno Fuzzy-Logic Method. Applied Mechanics and Materials, 2015, 785, 231-235.	0.2	0