

Dr Kannadasan Raju

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

687220

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25
g-index

31
all docs

31
docs citations

31
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19: Impact analysis and recommendations for power sector operation. Applied Energy, 2020, 279, 115739.	5.1	180
2	Investigation on Sizing of Voltage Source for a Battery Energy Storage System in Microgrid With Renewable Energy Sources. IEEE Access, 2020, 8, 188861-188874.	2.6	64
3	A Holistic Review of the Present and Future Drivers of the Renewable Energy Mix in Maharashtra, State of India. Sustainability, 2020, 12, 6596.	1.6	55
4	An Assessment of Onshore and Offshore Wind Energy Potential in India Using Moth Flame Optimization. Energies, 2020, 13, 3063.	1.6	45
5	A Novel Multiobjective Hybrid Technique for Siting and Sizing of Distributed Generation and Capacitor Banks in Radial Distribution Systems. Sustainability, 2021, 13, 3308.	1.6	45
6	An Evaluation on Wind Energy Potential Using Multi-Objective Optimization Based Non-Dominated Sorting Genetic Algorithm III. Sustainability, 2021, 13, 410.	1.6	22
7	Design of Rotor Blades for Vertical Axis Wind Turbine with Wind Flow Modifier for Low Wind Profile Areas. Sustainability, 2020, 12, 8050.	1.6	19
8	Sensorless parameter estimation of VFD based cascade centrifugal pumping system using automatic pump curve adaption method. Energy Reports, 2021, 7, 453-466.	2.5	19
9	Exploration of Machine Learning Approaches for Paddy Yield Prediction in Eastern Part of Tamilnadu. Agronomy, 2021, 11, 2068.	1.3	19
10	Long-Term Techno-Economic Analysis of Sustainable and Zero Grid Cellular Base Station. IEEE Access, 2021, 9, 54159-54172.	2.6	18
11	Design of Efficient Off-Grid Solar Photovoltaic Water Pumping System Based on Improved Fractional Open Circuit Voltage MPPT Technique. International Journal of Photoenergy, 2021, 2021, 1-18.	1.4	18
12	Short term power dispatch using neural network based ensemble classifier. Journal of Energy Storage, 2021, 33, 102101.	3.9	16
13	Modelling and validation of metal oxide surge arrester for very fast transients. High Voltage, 2018, 3, 147-153.	2.7	13
14	Design and Validation of BAT Algorithm-Based Photovoltaic System Using Simplified High Gain Quasi Boost Inverter. Energies, 2021, 14, 1086.	1.6	13
15	Autonomous Fuzzy Controller Design for the Utilization of Hybrid PV-Wind Energy Resources in Demand Side Management Environment. Electronics (Switzerland), 2021, 10, 1618.	1.8	12
16	Techno-Economic Investigation of Wind Energy Potential in Selected Sites with Uncertainty Factors. Sustainability, 2021, 13, 2182.	1.6	10
17	Assessment and Integration of Renewable Energy Resources Installations with Reactive Power Compensator in Indian Utility Power System Network. Electronics (Switzerland), 2021, 10, 912.	1.8	10
18	Power Quality Enhancement in Electric Arc Furnace Using Matrix Converter and Static VAR Compensator. Electronics (Switzerland), 2021, 10, 1125.	1.8	9

#	ARTICLE	IF	CITATIONS
19	A Framework-Based Wind Forecasting to Assess Wind Potential with Improved Grey Wolf Optimization and Support Vector Regression. Sustainability, 2022, 14, 4235.	1.6	9
20	Performance improvement of metal oxide arrester for VFTs. IET Science, Measurement and Technology, 2017, 11, 438-444.	0.9	7
21	Categorizing Diseases from Leaf Images Using a Hybrid Learning Model. Symmetry, 2021, 13, 2073.	1.1	6
22	Re-Allocation of Distributed Generations Using Available Renewable Potential Based Multi-Criterion-Multi-Objective Hybrid Technique. Sustainability, 2021, 13, 13709.	1.6	6
23	Successful turning on of MOSAs under very fast transients. IET Generation, Transmission and Distribution, 2018, 12, 3852-3861.	1.4	5
24	Electrical and Mechanical Characteristics Assessment of Wind Turbine System Employing Acoustic Sensors and Matrix Converter. Sustainability, 2022, 14, 4404.	1.6	5
25	Development of metal oxide arrester block using a rare earth element for very fast transient overvoltage applications. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 4893-4900.	0.9	4
26	Harmonics Minimisation in Non-Linear Grid System Using an Intelligent Hysteresis Current Controller Operated from a Solar Powered ZETA Converter. Sustainability, 2022, 14, 7028.	1.6	4
27	Effect of capacitance on ZnO-Bi ₂ O ₃ -Yb ₂ O ₃ based varistor for nanosecond transients. Journal of Central South University, 2018, 25, 2332-2338.	1.2	3
28	Development of High Gradient ZnO Arrester Material for High Voltage Applications. IEEE Access, 2020, 8, 115685-115693.	2.6	3
29	A Novel Forward-Propagation Workflow Assessment Method for Malicious Packet Detection. Sensors, 2022, 22, 4167.	2.1	1
30	An improved intelligent technique for maximum power point tracking under partial shading conditions of photo voltaic system. Journal of Intelligent and Fuzzy Systems, 2022, , 1-19.	0.8	1
31	Performance improvement of MO surge arrester using high gradient arrester block against VFTOs. Proceeding of the Electrical Engineering Computer Science and Informatics, 2019, 6, .	0.0	0