

Kumari Namrata

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

102
citations

1684188

5
h-index

1588992

8
g-index

37
all docs

37
docs citations

37
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	An Experimental Performance Evaluation and Management of a Dual Energy Storage System in a Solar Based Hybrid Microgrid. Arabian Journal for Science and Engineering, 2023, 48, 5785-5808.	3.0	6
2	Dual model representation of solar photovoltaic cell. International Journal of Emerging Electric Power Systems, 2022, 23, 381-389.	0.8	1
3	Probabilistic screening and behavior of solar cells under Gaussian parametric uncertainty using polynomial chaos representation model. Complex & Intelligent Systems, 2022, 8, 989-1004.	6.5	3
4	Comparison And Validation Of Regression Model For Estimation Of Global Solar Radiation Using Python. , 2022, , .		4
5	Deterministic Robust Planning and Probabilistic Techno-Economic Assessment of a Sector Coupled Community Energy System. Advanced Theory and Simulations, 2022, 5, .	2.8	3
6	Random Forest Algorithm for Solar Forecasting in Jamshedpur “India. , 2022, , .		1
7	Fuzzy based load frequency control of power system incorporating nonlinearity. , 2022, , .		1
8	Women in Research and Development. , 2021, , 42-46.		0
9	Women in Management: A Cause of Nation Development. , 2021, , 108-115.		0
10	Improving the Performance Analysis of MPPT Controller Unit of a PV Generation System Using Optimization Technique Based on Spider Monkey Principle (SMO). Springer Proceedings in Materials, 2021, , 553-564.	0.3	4
11	Mathematical Modelling-Based Solar PV Module and Its Simulation in Comparison with Datasheet of JAPG-72-320/4BB Solar Module. Springer Proceedings in Materials, 2021, , 431-440.	0.3	1
12	Detailed schemes and comparison of islanding in microgrid. AIP Conference Proceedings, 2021, , .	0.4	0
13	A techno-economic analysis of the roof top off-grid solar PV system for Jamshedpur, Jharkhand, India. International Journal of Emerging Electric Power Systems, 2021, 22, 629-642.	0.8	1
14	Uncertainty quantification in deterministic parameterization of single diode model of a silicon solar cell. Optimization and Engineering, 2021, 22, 2429-2456.	2.4	5
15	Probabilistic and deterministic analysis of single diode model of a solar cell: a case study. International Journal of Emerging Electric Power Systems, 2021, 22, 765-777.	0.8	0
16	Women in Administration: A Major Link to Women Empowerment. , 2021, , 144-150.		0
17	Addressing Contributions and Challenges of Women in Contemporary Business Management. , 2021, , 95-100.		0
18	Control Analysis of Stationary Reference Frame based Current Controller for a Grid tied Inverter based Distributed Generation. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Optimal design and technical analysis of a Standalone photovoltaic system with battery storage for a residential site in Jamshedpur, India. , 2020, , .		0
20	Photovoltaic Modeling using Single Diode Model in MATLAB. , 2020, , .		8
21	Modelling and Simulation of Solar Radiation using Different Models for Amravati, Maharashtra India. , 2018, , .		2
22	Validation and Simulation of Hourly Global Solar Radiation of Cities from each of the Five Indian Zones. , 2018, , .		0
23	Analytical modeling of parabolic linear collectors for solar power plant. Journal of Mechanical Science and Technology, 2018, 32, 4993-5004.	1.5	7
24	A multi objective control technique for interfacing hybrid renewable energy sources in an islanded microgrid subsequent to unbalanced and non linear load conditions. , 2017, , .		0
25	Empirical models for the estimation of global solar radiation with sunshine hours on horizontal surface for Jharkhand (India). Applied Solar Energy (English Translation of Geliotekhnika), 2016, 52, 164-172.	1.6	14
26	Comparison of different models for estimation of diffuse solar radiation in Jharkhand (India) region. Applied Solar Energy (English Translation of Geliotekhnika), 2015, 51, 219-224.	1.6	9
27	Determining regression constants for calculating global solar radiation at Jharkhand (India) region. , 2014, , .		5
28	Comparison of Different Models for Estimation of Global Solar Radiation in Jharkhand (India) Region. Smart Grid and Renewable Energy, 2013, 04, 348-352.	1.1	20
29	Control Strategy of Hybrid Energy Storage System for a Standalone Photovoltaic System. SSRN Electronic Journal, 0, , .	0.4	0