

Ashish Shrestha

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

413
citations

759233

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22
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22
docs citations

22
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Peer-to-Peer Energy Trading in Micro/Mini-Grids for Local Energy Communities: A Review and Case Study of Nepal. IEEE Access, 2019, 7, 131911-131928.	4.2	101
2	Comparative Study of Different Approaches for Islanding Detection of Distributed Generation Systems. Applied System Innovation, 2019, 2, 25.	4.6	33
3	Current Practices of Solar Photovoltaic Panel Cleaning System and Future Prospects of Machine Learning Implementation. IEEE Access, 2020, 8, 135948-135962.	4.2	30
4	Challenges in the penetration of electric vehicles in developing countries with a focus on Nepal. Renewable Energy Focus, 2022, 40, 1-12.	4.5	28
5	Frequency Stability Issues and Research Opportunities in Converter Dominated Power System. Energies, 2021, 14, 4184.	3.1	26
6	Priority-based low voltage DC microgrid system for rural electrification. Energy Reports, 2021, 7, 43-51.	5.1	22
7	Status of Micro/Mini-Grid Systems in a Himalayan Nation: A Comprehensive Review. IEEE Access, 2020, 8, 120983-120998.	4.2	21
8	Smart solar photovoltaic panel cleaning system. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012121.	0.3	21
9	Assessment of electricity excess in an isolated hybrid energy system: A case study of a Dangiwada village in rural Nepal. Energy Procedia, 2019, 160, 76-83.	1.8	20
10	Load prioritization technique to guarantee the continuous electric supply for essential loads in rural microgrids. International Journal of Electrical Power and Energy Systems, 2022, 134, 107398.	5.5	20
11	Lighting for Cultural and Heritage Site: An Innovative Approach for Lighting in the Distinct Pagoda-Style Architecture of Nepal. Sustainability, 2021, 13, 2720.	3.2	15
12	A Bayesian Model to Forecast the Time Series Kinetic Energy Data for a Power System. Energies, 2021, 14, 3299.	3.1	15
13	Impact Study of Temperature on the Time Series Electricity Demand of Urban Nepal for Short-Term Load Forecasting. Applied System Innovation, 2021, 4, 43.	4.6	15
14	Assessment on Scaling-Up of Mini-Grid Initiative: Case Study of Mini-Grid in Rural Nepal. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 217-231.	4.9	10
15	Evaluation of a LoRa Mesh Network for Smart Metering in Rural Locations. Electronics (Switzerland), 2021, 10, 751.	3.1	10
16	Parametric Sensitivity Analysis of Rotor Angle Stability Indicators. Energies, 2021, 14, 5023.	3.1	10
17	Comparative Analysis of Regenerative Power and Fuel Consumption of Hybrid Electric Vehicle. Journal of Asian Electric Vehicles, 2018, 16, 1799-1809.	0.4	6
18	Status of Lighting Technologies in Nepal. Light & Engineering, 2019, , 4-15.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Parametric sensitivity analysis of rotor angle stability indicators: Simulation case. Energy Reports, 2022, 8, 727-735.	5.1	3
20	Optimal grid network for rural electrification of Upper Karnali Hydro Project affected area. , 2016, , .		2
21	Design and performance evaluation of series hybrid electric vehicle using backward model. Journal of Engineering, 2020, 2020, 1095-1102.	1.1	1
22	Comparative analysis of different hybrid energy system for sustainable power supply: A case study. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012045.	0.3	0