

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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752698

20
g-index

22
all docs

22
docs citations

22
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Parametric sensitivity analysis of rotor angle stability indicators: Simulation case. Energy Reports, 2022, 8, 727-735.	5.1	3
3	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
4	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
5	Priority-based low voltage DC microgrid system for rural electrification. Energy Reports, 2021, 7, 43-51.	5.1	22
6	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
7	Evaluation of a LoRa Mesh Network for Smart Metering in Rural Locations. Electronics (Switzerland), 2021, 10, 751.	3.1	10
8	A Bayesian Model to Forecast the Time Series Kinetic Energy Data for a Power System. Energies, 2021, 14, 3299.	3.1	15
9	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
10	Frequency Stability Issues and Research Opportunities in Converter Dominated Power System. Energies, 2021, 14, 4184.	3.1	26
11	Parametric Sensitivity Analysis of Rotor Angle Stability Indicators. Energies, 2021, 14, 5023.	3.1	10
12	Current Practices of Solar Photovoltaic Panel Cleaning System and Future Prospects of Machine Learning Implementation. IEEE Access, 2020, 8, 135948-135962.	4.2	30
13	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
14	Status of Micro/Mini-Grid Systems in a Himalayan Nation: A Comprehensive Review. IEEE Access, 2020, 8, 120983-120998.	4.2	21
15	Smart solar photovoltaic panel cleaning system. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012121.	0.3	21
16	Design and performance evaluation of series hybrid electric vehicle using backward model. Journal of Engineering, 2020, 2020, 1095-1102.	1.1	1
17	Comparative Study of Different Approaches for Islanding Detection of Distributed Generation Systems. Applied System Innovation, 2019, 2, 25.	4.6	33
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Status of Lighting Technologies in Nepal. Light & Engineering, 2019, , 4-15.	0.3	4
21	Comparative Analysis of Regenerative Power and Fuel Consumption of Hybrid Electric Vehicle. Journal of Asian Electric Vehicles, 2018, 16, 1799-1809.	0.4	6
22	Optimal grid network for rural electrification of Upper Karnali Hydro Project affected area. , 2016, , .		2