

Kafait Ullah

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,355
citations

471371

17
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

1456
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of an off-grid wind-PV (photovoltaic)-diesel-battery hybrid energy system feasible for remote areas. <i>Journal of Cleaner Production</i> , 2016, 125, 121-132.	4.6	211
2	Comparative study of stand-alone and hybrid solar energy systems suitable for off-grid rural electrification: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 27, 738-752.	8.2	206
3	A review of solar thermal refrigeration and cooling methods. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 24, 499-513.	8.2	184
4	Performance analysis of a co-generation system using solar energy and SOFC technology. <i>Energy Conversion and Management</i> , 2014, 79, 415-430.	4.4	112
5	Factors responsible for solar PV adoption at household level: A case of Lahore, Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 754-763.	8.2	85
6	Feasibility analysis of a hybrid off-grid wind-DG-battery energy system for the eco-tourism remote areas. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 2417-2430.	2.1	58
7	A Review of Electricity Demand Forecasting in Low and Middle Income Countries: The Demand Determinants and Horizons. <i>Sustainability</i> , 2020, 12, 5931.	1.6	54
8	Impact of China-Pakistan economic corridor on Pakistan's future energy consumption and energy saving potential: Evidence from sectoral time series analysis. <i>Energy Strategy Reviews</i> , 2019, 25, 34-46.	3.3	48
9	Electricity supply pathways based on renewable resources: A sustainable energy future for Pakistan. <i>Journal of Cleaner Production</i> , 2020, 263, 121511.	4.6	38
10	Techno-economic assessment and sustainability impact of hybrid energy systems in Gilgit-Baltistan, Pakistan. <i>Energy Reports</i> , 2021, 7, 2546-2562.	2.5	36
11	Institutional determinants of power sector reform in Pakistan. <i>Energy Policy</i> , 2017, 102, 332-339.	4.2	30
12	An experimental investigation on a single tubular SOFC for renewable energy based cogeneration system. <i>Energy Conversion and Management</i> , 2015, 94, 139-149.	4.4	27
13	The impact of information and communication technologies, CO2 emissions, and energy consumption on inclusive development in developing countries. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3143-3155.	2.7	26
14	Long-term scenario pathways to assess the potential of best available technologies and cost reduction of avoided carbon emissions in an existing 100% renewable regional power system: A case study of Gilgit-Baltistan (GB), Pakistan. <i>Energy</i> , 2021, 221, 119855.	4.5	26
15	Barriers to hydro-power resource utilization in Pakistan: A mixed approach. <i>Energy Policy</i> , 2019, 132, 723-735.	4.2	25
16	Assessing the efficiency dynamics of post reforms electric distribution utilities in Pakistan. <i>Utilities Policy</i> , 2017, 47, 18-28.	2.1	19
17	Prioritizing the gaseous alternatives for the road transport sector of Pakistan: A multi criteria decision making analysis. <i>Energy</i> , 2018, 165, 1072-1084.	4.5	19
18	Economic feasibility analysis of a solar energy and solid oxide fuel cell-based cogeneration system in Malaysia. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 669-687.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Bilateral negotiations for electricity market by adaptive agent-tracking strategy. Electric Power Systems Research, 2020, 186, 106390.	2.1	13
20	Assessment of long-term energy and environmental impacts of the cleaner technologies for brick production. Energy Reports, 2021, 7, 7157-7169.	2.5	13
21	Modeling, simulation and forecasting of wind power plants using agent-based approach. Journal of Cleaner Production, 2020, 276, 124172.	4.6	12
22	Systematic Development of Short-Term Load Forecasting Models for the Electric Power Utilities: The Case of Pakistan. IEEE Access, 2021, 9, 140281-140297.	2.6	12
23	Techno-economic assessment of solar water heating systems for sustainable tourism in northern Pakistan. AEJ - Alexandria Engineering Journal, 2022, 61, 5485-5499.	3.4	12
24	Impact Analysis of Large-Scale Wind Farms Integration in Weak Transmission Grid from Technical Perspectives. Energies, 2020, 13, 5513.	1.6	11
25	Ensuring Reliable Operation of Electricity Grid by Placement of FACTS Devices for Developing Countries. Energies, 2021, 14, 2283.	1.6	10
26	Did the restructuring of the electricity generation sector increase social welfare in Pakistan?. Renewable and Sustainable Energy Reviews, 2022, 157, 112017.	8.2	9
27	Rooftop solar adoption among populations and markets outside the US and Europeâ€”A case from Pakistan. Electricity Journal, 2022, 35, 107090.	1.3	9
28	The Long-term Forecast Of Gilgit Baltistan(GB)â€™s Electricity Demand. , 2018, , .		5
29	Matchmaking model for bilateral trading decisions of load serving entity. Electric Power Systems Research, 2020, 183, 106281.	2.1	5
30	Economic and environmental analysis of green transport penetration in Pakistan. Energy Policy, 2022, 166, 113040.	4.2	5
31	Optimal Economic Analysis of Hybrid Off Grid (Standalone) Energy System for Provincial Capitals of Pakistan : A comparative Study Based On Simulated Results Using Real-Time Data. , 2018, , .		4
32	MCDM Analysis of Renewable and Conventional Energy Power Plants in Pakistan. , 2020, , .		4
33	LEAP simulated economic evaluation of sustainable scenarios to fulfill the regional electricity demand in Pakistan. Sustainable Energy Technologies and Assessments, 2021, 46, 101292.	1.7	4
34	Short Term Load Forecasting for Electric Power Utilities: A Generalized Regression Approach Using Polynomials and Cross-Terms. Engineering Proceedings, 2021, 12, .	0.4	3
35	Nexus between Household Energy and Poverty in Poorly Documented Developing Economiesâ€™Perspectives from Pakistan. Sustainability, 2021, 13, 10894.	1.6	2
36	Multiple-Criteria Policy Analysis of Circular Debt in Pakistan. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	Erratum to "Systematic Development of Short-Term Load Forecasting Models for the Electric Power Utilities: The Case of Pakistan". IEEE Access, 2021, 9, 154378-154379.	2.6	0