Kafait Ullah

List of Publications by Year
in descending order

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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	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
2	Did the restructuring of the electricity generation sector increase social welfare in Pakistan?. Renewable and Sustainable Energy Reviews, 2022, 157, 112017.	8.2	9
3	Rooftop solar adoption among populations and markets outside the US and Europeâ€“A case from Pakistan. Electricity Journal, 2022, 35, 107090.	1.3	9
4	Economic and environmental analysis of green transport penetration in Pakistan. Energy Policy, 2022, 166, 113040.	4.2	5
5	Ensuring Reliable Operation of Electricity Grid by Placement of FACTS Devices for Developing Countries. Energies, 2021, 14, 2283.	1.6	10
6	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. Energy, 2021, 221, 119855.	4.5	26
7	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
8	Techno-economic assessment and sustainability impact of hybrid energy systems in Gilgit-Baltistan, Pakistan. Energy Reports, 2021, 7, 2546-2562.	2.5	36
9	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
10	Nexus between Household Energy and Poverty in Poorly Documented Developing Economiesâ€"Perspectives from Pakistan. Sustainability, 2021, 13, 10894.	1.6	2
11	Assessment of long-term energy and environmental impacts of the cleaner technologies for brick production. Energy Reports, 2021, 7, 7157-7169.	2.5	13
12	Erratum to â€œSystematic Development of Short-Term Load Forecasting Models for the Electric Power Utilities: The Case of Pakistanâ€• IEEE Access, 2021, 9, 154378-154379.	2.6	0
13	Short Term Load Forecasting for Electric Power Utilities: A Generalized Regression Approach Using Polynomials and Cross-Terms. Engineering Proceedings, 2021, 12, .	0.4	3
14	The impact of information and communication technologies, CO2 emissions, and energy consumption on inclusive development in developing countries. Environmental Science and Pollution Research, 2020, 27, 3143-3155.	2.7	26
15	Modeling, simulation and forecasting of wind power plants using agent-based approach. Journal of Cleaner Production, 2020, 276, 124172.	4.6	12
16	Impact Analysis of Large-Scale Wind Farms Integration in Weak Transmission Grid from Technical Perspectives. Energies, 2020, 13, 5513.	1.6	11
17	A Review of Electricity Demand Forecasting in Low and Middle Income Countries: The Demand Determinants and Horizons. Sustainability, 2020, 12, 5931.	1.6	54
18	MCDM Analysis of Renewable and Conventional Energy Power Plants in Pakistan. , 2020, , .		4

#	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	Matchmaking model for bilateral trading decisions of load serving entity. Electric Power Systems Research, 2020, 183, 106281.	2.1	5
21	Multiple-Criteria Policy Anaysis of Circular Debt in Pakistan. , 2020, , .		1
22	Electricity supply pathways based on renewable resources: A sustainable energy future for Pakistan. Journal of Cleaner Production, 2020, 263, 121511.	4.6	38
23	Barriers to hydro-power resource utilization in Pakistan: A mixed approach. Energy Policy, 2019, 132, 723-735.	4.2	25
24	Impact of China-Pakistan economic corridor on Pakistan's future energy consumption and energy saving potential: Evidence from sectoral time series analysis. Energy Strategy Reviews, 2019, 25, 34-46.	3.3	48
25	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
26	The Long-term Forecast Of Gilgit Baltistan(GB)â€™s Electricity Demand. , 2018, , .		5
27	Prioritizing the gaseous alternatives for the road transport sector of Pakistan: A multi criteria decision making analysis. Energy, 2018, 165, 1072-1084.	4.5	19
28	Factors responsible for solar PV adoption at household level: A case of Lahore, Pakistan. Renewable and Sustainable Energy Reviews, 2017, 78, 754-763.	8.2	85
29	Assessing the efficiency dynamics of post reforms electric distribution utilities in Pakistan. Utilities Policy, 2017, 47, 18-28.	2.1	19
30	Institutional determinants of power sector reform in Pakistan. Energy Policy, 2017, 102, 332-339.	4.2	30
31	Performance analysis of an off-grid wind-PV (photovoltaic)-diesel-battery hybrid energy system feasible for remote areas. Journal of Cleaner Production, 2016, 125, 121-132.	4.6	211
32	Economic feasibility analysis of a solar energy and solid oxide fuel cell-based cogeneration system in Malaysia. Clean Technologies and Environmental Policy, 2016, 18, 669-687.	2.1	17
33	An experimental investigation on a single tubular SOFC for renewable energy based cogeneration system. Energy Conversion and Management, 2015, 94, 139-149.	4.4	27
34	Feasibility analysis of a hybrid off-grid windâ€“DG-battery energy system for the eco-tourism remote areas. Clean Technologies and Environmental Policy, 2015, 17, 2417-2430.	2.1	58
35	Performance analysis of a co-generation system using solar energy and SOFC technology. Energy Conversion and Management, 2014, 79, 415-430.	4.4	112
36	Comparative study of stand-alone and hybrid solar energy systems suitable for off-grid rural electrification: A review. Renewable and Sustainable Energy Reviews, 2013, 27, 738-752.	8.2	206

#	Article	IF	Citations
37	A review of solar thermal refrigeration and cooling methods. Renewable and Sustainable Energy Reviews, 2013, 24, 499-513.	8.2	184