

Muhammad Kamran

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

497
citations

1307594

7
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual synchronous generator: Modifications, stability assessment and future applications. Energy Reports, 2022, 8, 1704-1717.	5.1	17
2	Switching to Outcome-Based Education (OBE) System, a Paradigm Shift in Engineering Education. IEEE Transactions on Education, 2022, 65, 695-702.	2.4	4
3	Bioenergy. , 2021, , 243-264.		8
4	Fuel cell. , 2021, , 221-242.		1
5	Power electronics for renewable energy systems. , 2021, , 53-108.		1
6	Thermodynamics for renewable energy systems. , 2021, , 21-51.		3
7	Hydro energy. , 2021, , 193-219.		5
8	Fundamentals of renewable energy systems. , 2021, , 1-19.		6
9	Towards empowerment of the renewable energy sector in Pakistan for sustainable energy evolution: SWOT analysis. Renewable Energy, 2020, 146, 543-558.	8.9	90
10	Implementation of improved Perturb & Observe MPPT technique with confined search space for standalone photovoltaic system. Journal of King Saud University, Engineering Sciences, 2020, 32, 432-441.	2.0	80
11	Designing and economic aspects of run-of-canal based micro-hydro system on Balloki-Sulaimanki Link Canal-I for remote villages in Punjab, Pakistan. Renewable Energy, 2019, 141, 76-87.	8.9	24
12	Design and modeling of an optical band gap matched temperature controlled indoor concentrated light transmission system for photovoltaic energy production. Optik, 2019, 176, 502-511.	2.9	2
13	Implementation of the novel temperature controller and incremental conductance MPPT algorithm for indoor photovoltaic system. Solar Energy, 2018, 163, 235-242.	6.1	79
14	Current status and future success of renewable energy in Pakistan. Renewable and Sustainable Energy Reviews, 2018, 82, 609-617.	16.4	151
15	LabVIEW Based Simulator for Solar Cell Characteristics and MPPT Under Varying Atmospheric Conditions. Mehran University Research Journal of Engineering and Technology, 2018, 37, 529-538.	0.6	6
16	DC Home Appliances for DC Distribution System. Mehran University Research Journal of Engineering and Technology, 2017, 36, 881-890.	0.6	11