

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 | Current status and future success of renewable energy in Pakistan. Renewable and Sustainable Energy Reviews, 2018, 82, 609-617. | 16.4 | 151 |
| 2 | Towards empowerment of the renewable energy sector in Pakistan for sustainable energy evolution: SWOT analysis. Renewable Energy, 2020, 146, 543-558. | 8.9 | 90 |
| 3 | 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 |
| 4 | Implementation of the novel temperature controller and incremental conductance MPPT algorithm for indoor photovoltaic system. Solar Energy, 2018, 163, 235-242. | 6.1 | 79 |
| 5 | 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 |
| 6 | Virtual synchronous generator: Modifications, stability assessment and future applications. Energy Reports, 2022, 8, 1704-1717. | 5.1 | 17 |
| 7 | DC Home Appliances for DC Distribution System. Mehran University Research Journal of Engineering and Technology, 2017, 36, 881-890. | 0.6 | 11 |
| 8 | Bioenergy. , 2021, , 243-264. | | 8 |
| 9 | Fundamentals of renewable energy systems. , 2021, , 1-19. | | 6 |
| 10 | 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 |
| 11 | Hydro energy. , 2021, , 193-219. | | 5 |
| 12 | Switching to Outcome-Based Education (OBE) System, a Paradigm Shift in Engineering Education. IEEE Transactions on Education, 2022, 65, 695-702. | 2.4 | 4 |
| 13 | Thermodynamics for renewable energy systems. , 2021, , 21-51. | | 3 |
| 14 | 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 |
| 15 | Fuel cell. , 2021, , 221-242. | | 1 |
| 16 | Power electronics for renewable energy systems. , 2021, , 53-108. | | 1 |