Nayyar Hussain Mirjat

List of Publications by Year
in descending order

22	746	623574	839398
papers	citations	14 h-index	18 g-index

23	23	23	756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploitation of Thar coal field for power generation in Pakistan: A way forward to sustainable energy future. Energy Exploration and Exploitation, 2022, 40, 1173-1196.	1.1	20
2	Solar photovoltaic potential and diffusion assessment for Pakistan. Energy Science and Engineering, 2022, 10, 2452-2474.	1.9	9
3	A review study on mathematical modeling of solar parabolic d ishâ€Stirling system used for electricity generation. International Journal of Energy Research, 2021, 45, 18355.	2.2	4
4	Modelling and Analysis of Power Losses in Transmission System of Pakistan: A Case Study of Matiari-Lahore VSC-HVDC Link. , 2021, , .		2
5	Cleaner and Sustainable Energy Production in Pakistan: Lessons Learnt from the Pak-TIMES Model. Energies, 2020, 13, 108.	1.6	25
6	Computational Intelligence-Based Optimization Methods for Power Quality and Dynamic Response Enhancement of ac Microgrids. Energies, 2020, 13, 4063.	1.6	13
7	Performance Analysis of High Voltage Transmission Line Insulators in Highly Polluted Southern Coastal Areas of Pakistan. , 2020, , .		0
8	Investigating the Dynamic Impact of CO2 Emissions and Economic Growth on Renewable Energy Production: Evidence from FMOLS and DOLS Tests. Processes, 2019, 7, 496.	1.3	36
9	Ensemble Bagged Tree Based Classification for Reducing Non-Technical Losses in Multan Electric Power Company of Pakistan. Electronics (Switzerland), 2019, 8, 860.	1.8	61
10	Performance and Economic Analysis of Concentrated Solar Power Generation for Pakistan. Processes, 2019, 7, 575.	1.3	24
11	Optimal Power Flow Controller for Grid-Connected Microgrids using Grasshopper Optimization Algorithm. Electronics (Switzerland), 2019, 8, 111.	1.8	41
12	Modeling of Future Electricity Generation and Emissions Assessment for Pakistan. Processes, 2019, 7, 212.	1.3	31
13	An Integrated Delphi-AHP and Fuzzy TOPSIS Approach toward Ranking and Selection of Renewable Energy Resources in Pakistan. Processes, 2019, 7, 118.	1.3	104
14	Optimal Voltage and Frequency Control of an Islanded Microgrid using Grasshopper Optimization Algorithm. Energies, 2018, 11, 3191.	1.6	66
15	Long-term electricity demand forecast and supply side scenarios for Pakistan (2015â€“2050): A LEAP model application for policy analysis. Energy, 2018, 165, 512-526.	4.5	111
16	Regulation of Voltage and Frequency in Solid Oxide Fuel Cell-Based Autonomous Microgrids Using the Whales Optimisation Algorithm. Energies, 2018, 11, 1318.	1.6	16
17	The Selection of Wind Power Project Location in the Southeastern Corridor of Pakistan: A Factor Analysis, AHP, and Fuzzy-TOPSIS Application. Energies, 2018, 11, 1940.	1.6	85
18	Multi-Criteria Analysis of Electricity Generation Scenarios for Sustainable Energy Planning in Pakistan. Energies, 2018, 11, 757.	1.6	49

#	Article	IF	Citations
19	Windâ€“PV-Based Hybrid DC Microgrid (DCMG) Development: An Experimental Investigation and Comparative Economic Analysis. Energies, 2018, 11, 1295.	1.6	11
20	The Future of Sustainable Energy Production in Pakistan: A System Dynamics-Based Approach for Estimating Hubbert Peaks. Energies, 2017, 10, 1858.	1.6	32
21	Longâ€term optimal power generation pathways for Pakistan. Energy Science and Engineering, 0, , .	1.9	4
22	Various pretreatments of canola straw with hydrogen peroxide, calcium hydroxide, silica, and Pleurotus ostreatus to improve methane yield through anaerobic co-digestion. Biomass Conversion and Biorefinery, 0, , 1.	2.9	2