

# Touqeer Ahmed Jumani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4885836/publications.pdf>

Version: 2024-02-01

21  
papers

699  
citations

567144

15  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal design of Fractional order PID controller based Automatic voltage regulator system using gradient-based optimization algorithm. Journal of King Saud University, Engineering Sciences, 2024, 36, 32-44.	1.2	43
2	Dynamic response and low voltage ride-through enhancement of brushless double-fed induction generator using Salp swarm optimization algorithm. PLoS ONE, 2022, 17, e0265611.	1.1	6
3	Internal Model Control (IMC)-Based Active and Reactive Power Control of Brushless Double-Fed Induction Generator with Notch Filter. International Transactions on Electrical Energy Systems, 2022, 2022, 1-14.	1.2	0
4	Improved Whale Optimization Algorithm for Transient Response, Robustness, and Stability Enhancement of an Automatic Voltage Regulator System. Energies, 2022, 15, 5037.	1.6	29
5	A novel feature engineered-CatBoost-based supervised machine learning framework for electricity theft detection. Energy Reports, 2021, 7, 4425-4436.	2.5	63
6	Salp swarm algorithm-based optimal vector control scheme for dynamic response enhancement of brushless double-fed induction generator in a wind energy conversion system. International Transactions on Electrical Energy Systems, 2021, 31, e13157.	1.2	5
7	An Improved Electroporator With Continuous Liquid Flow and Double-Exponential Waveform for Liquid Food Pasteurization. IEEE Access, 2021, 9, 147732-147742.	2.6	5
8	Dynamic response enhancement of grid-tied ac microgrid using salp swarm optimization algorithm. International Transactions on Electrical Energy Systems, 2020, 30, e12321.	1.2	18
9	An Efficient Boosted C5.0 Decision-Tree-Based Classification Approach for Detecting Non-Technical Losses in Power Utilities. Energies, 2020, 13, 3242.	1.6	23
10	Computational Intelligence-Based Optimization Methods for Power Quality and Dynamic Response Enhancement of ac Microgrids. Energies, 2020, 13, 4063.	1.6	13
11	Detection of Non-Technical Losses in Power Utilities—A Comprehensive Systematic Review. Energies, 2020, 13, 4727.	1.6	28
12	A novel unsupervised feature-based approach for electricity theft detection using robust PCA and outlier removal clustering algorithm. International Transactions on Electrical Energy Systems, 2020, 30, e12572.	1.2	11
13	Swarm Intelligence-Based Optimization Techniques for Dynamic Response and Power Quality Enhancement of AC Microgrids: A Comprehensive Review. IEEE Access, 2020, 8, 75986-76001.	2.6	42
14	Jaya optimization algorithm for transient response and stability enhancement of a fractional-order PID based automatic voltage regulator system. AEJ - Alexandria Engineering Journal, 2020, 59, 2429-2440.	3.4	82
15	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
16	Optimal Power Flow Controller for Grid-Connected Microgrids using Grasshopper Optimization Algorithm. Electronics (Switzerland), 2019, 8, 111.	1.8	41
17	Wind Power Integration: An Experimental Investigation for Powering Local Communities. Energies, 2019, 12, 621.	1.6	21
18	Salp Swarm Optimization Algorithm-Based Controller for Dynamic Response and Power Quality Enhancement of an Islanded Microgrid. Processes, 2019, 7, 840.	1.3	36

#	ARTICLE	IF	CITATIONS
19	Salp Swarm Optimization Algorithm-Based Fractional Order PID Controller for Dynamic Response and Stability Enhancement of an Automatic Voltage Regulator System. <i>Electronics (Switzerland)</i> , 2019, 8, 1472.	1.8	75
20	Optimal Voltage and Frequency Control of an Islanded Microgrid using Grasshopper Optimization Algorithm. <i>Energies</i> , 2018, 11, 3191.	1.6	66
21	An Improved Algorithm for Optimal Load Shedding in Power Systems. <i>Energies</i> , 2018, 11, 1808.	1.6	31