

Vivek J Pandya

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

209
citations

8
h-index

14
g-index

34
ext. papers

310
ext. citations

2.7
avg, IF

3.62
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 22 | Small signal stability analysis of power systems with DFIG based wind power penetration. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 58, 64-74 | 5.1 | 56 |
| 21 | Optimal selection of distributed generating units and its placement for voltage stability enhancement and energy loss minimization. <i>Ain Shams Engineering Journal</i> , 2018 , 9, 187-201 | 4.4 | 33 |
| 20 | Small signal stability enhancement of DFIG based wind power system using optimized controllers parameters. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 70, 70-82 | 5.1 | 31 |
| 19 | Experimental validation of the ultracapacitor parameters using the method of averaging for photovoltaic applications. <i>Journal of Energy Storage</i> , 2016 , 5, 120-126 | 7.8 | 17 |
| 18 | Optimized coordinated control of frequency and voltage for distributed generating system using Cuckoo Search Algorithm. <i>Ain Shams Engineering Journal</i> , 2018 , 9, 1855-1864 | 4.4 | 16 |
| 17 | Simulation and comparison of perturb and observe and incremental conductance MPPT algorithms for solar energy system connected to grid. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2015 , 40, 139-153 | 1 | 13 |
| 16 | Experimental verification of the rate of charge improvement using photovoltaic MPPT hardware for the battery and ultracapacitor storage devices. <i>Solar Energy</i> , 2016 , 139, 142-148 | 6.8 | 8 |
| 15 | Multi-class support vector machines for static security assessment of power system. <i>Ain Shams Engineering Journal</i> , 2020 , 11, 57-65 | 4.4 | 8 |
| 14 | Distributed Generation and Role of UPQC [DG in Meeting Power Quality Criteria [A Review. <i>Procedia Technology</i> , 2015 , 21, 520-525 | | 5 |
| 13 | Optimization of weighting factors of performance index to improve contingency ranking 2017 , | | 4 |
| 12 | Artificial neural network based predictive negative hydrogen ion helicon plasma source for fusion grade large sized ion source. <i>Engineering With Computers</i> , 2020 , 1 | 4.5 | 3 |
| 11 | Ultracapacitor-battery hybrid energy storage for pulsed, cyclic and intermittent loads 2016 , | | 3 |
| 10 | Optimal RTP Based Power Scheduling for Residential Load in Smart Grid. <i>Journal of the Institution of Engineers (India): Series B</i> , 2015 , 96, 355-361 | 0.9 | 2 |
| 9 | Optimal Power Flow in Power Networks with TCSC Using Particle Swarm Optimization Technique. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 91-101 | 0.2 | 2 |
| 8 | Hybrid wind photovoltaic standalone system 2016 , | | 2 |
| 7 | Future Challenges and Issues in Evolution of the Smart Grid and Recommended Possible Solutions 2019 , | | 2 |
| 6 | Comparison of UPQC Topologies for Power Quality Enhancement in Grid Integrated Renewable Energy Sources 2019 , | | 2 |

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|---|---|-----|---|
| 5 | Gain Scheduling Algorithm-Based Control of Renewable Energy Systems for Hybrid Standalone DC Grid. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2018 , 42, 327-342 | 1.9 | 2 |
| 4 | Prediction of Axial Variation of Plasma Potential in Helicon Plasma Source Using Linear Regression Techniques. <i>International Journal of Mathematical, Engineering and Management Sciences</i> , 2020 , 5, 1284-1299 | 1.9 | 0 |
| 3 | Plasma Density Prediction for Helicon Negative Hydrogen Plasma Source Using Decision Tree and Random Forest Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 357-368 | 0.4 | 0 |
| 2 | Voltage Control of Wind and Diesel-Based Distributed Generating System Using PSO and CSA. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 153-164 | 0.5 | |
| 1 | Input Parameter Optimization with Simulated Annealing Algorithm for Predictive HELEN-I Ion Source. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 281-292 | 0.4 | |