

Vivek J Pandya

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4136169/vivek-j-pandya-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
21	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	
20	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
19	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	
18	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
17	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
16	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
15	Future Challenges and Issues in Evolution of the Smart Grid and Recommended Possible Solutions 2019 ,		2
14	Comparison of UPQC Topologies for Power Quality Enhancement in Grid Integrated Renewable Energy Sources 2019 ,		2
13	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
12	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
11	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
10	Optimization of weighting factors of performance index to improve contingency ranking 2017 ,		4
9	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
8	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
7	Ultracapacitor-battery hybrid energy storage for pulsed, cyclic and intermittent loads 2016 ,		3
6	Hybrid wind photovoltaic standalone system 2016 ,		2

5	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
4	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
3	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
2	Distributed Generation and Role of UPQC DFIG in Meeting Power Quality Criteria A Review. <i>Procedia Technology</i> , 2015 , 21, 520-525		5
1	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