

Cherif Larbes

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.

21
papers

514
citations

9
h-index

22
g-index

22
ext. papers

759
ext. citations

5.2
avg, IF

4.79
L-index

#	Paper	IF	Citations
21	A new MPPT controller based on the Ant colony optimization algorithm for Photovoltaic systems under partial shading conditions. <i>Applied Soft Computing Journal</i> , 2017 , 58, 465-479	7.5	138
20	A review of global maximum power point tracking techniques of photovoltaic system under partial shading conditions. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 92, 513-553	16.2	87
19	Bat algorithm based maximum power point tracking for photovoltaic system under partial shading conditions. <i>Solar Energy</i> , 2017 , 158, 490-503	6.8	83
18	Comprehensive review on global maximum power point tracking techniques for PV systems subjected to partial shading conditions. <i>Solar Energy</i> , 2019 , 183, 476-500	6.8	60
17	Global maximum power point tracking based on ANFIS approach for PV array configurations under partial shading conditions. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 77, 875-889	16.2	52
16	FPGA based on-line Artificial Neural Network Selective Harmonic Elimination PWM technique. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 68, 33-43	5.1	18
15	PV array reconfiguration techniques for maximum power optimization under partial shading conditions: A review. <i>Solar Energy</i> , 2021 , 230, 558-582	6.8	14
14	Recent developments of MPPT techniques for PV systems under partial shading conditions: a critical review and performance evaluation. <i>IET Renewable Power Generation</i> , 2020 , 14, 3401-3417	2.9	12
13	Multivariate statistical monitoring of photovoltaic plant operation. <i>Energy Conversion and Management</i> , 2020 , 205, 112317	10.6	10
12	FPGA-based implementation of online selective harmonic elimination PWM for voltage source inverter. <i>International Journal of Electronics</i> , 2017 , 104, 1715-1731	1.2	8
11	Modelling and performance analysis of different multilevel inverter topologies using PSO-MPPT technique for grid connected photovoltaic systems. <i>Journal of Renewable and Sustainable Energy</i> , 2018 , 10, 043507	2.5	8
10	FPGA implementation of PSO based MPPT for PV systems under partial shading conditions 2017 ,		6
9	ANN design and implementation for real-time object tracking using quadrotor AR.Drone 2.0. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2018 , 30, 1013-1035	2	6
8	Comparative study and performance evaluation of central and distributed topologies of photovoltaic system. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 8703-8711	6.7	3
7	Rapid prototyping of PVS into FPGA: From model based design to FPGA/ASICs implementation 2014 ,		3
6	Maximum Power Point Tracking Based on the Bio Inspired BAT Algorithm. <i>Lecture Notes in Networks and Systems</i> , 2020 , 22-29	0.5	2
5	A simple and effective detection strategy using double exponential scheme for photovoltaic systems monitoring. <i>Solar Energy</i> , 2021 , 214, 337-354	6.8	2

4	Enhancement of Extracted Power from Photovoltaic Systems Through Accelerated Particle Swarm Optimisation Based MPPT. <i>Lecture Notes in Networks and Systems</i> , 2020 , 94-102	0.5	1
3	Modified Particle Swarm Optimization Based MPPT with Adaptive Inertia Weight. <i>Lecture Notes in Networks and Systems</i> , 2020 , 115-123	0.5	1
2	A Powerful Bio-Inspired Fire Fly Algorithm Based MPPT Controller for PV Systems Under Partial Shading Conditions. <i>Lecture Notes in Networks and Systems</i> , 2022 , 133-143	0.5	
1	Maximum Power Point Tracking Under Fast Changing Irradiance Using Hybrid Fuzzy-PO Algorithm. <i>Lecture Notes in Networks and Systems</i> , 2022 , 155-166	0.5	