

# Cherif Larbes

## List of Publications by Year in Descending Order

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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 Powerful Bio-Inspired Fire Fly Algorithm Based MPPT Controller for PV Systems Under Partial Shading Conditions. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 133-143	0.5	
20	Maximum Power Point Tracking Under Fast Changing Irradiance Using Hybrid Fuzzy-PO Algorithm. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 155-166	0.5	
19	PV array reconfiguration techniques for maximum power optimization under partial shading conditions: A review. <i>Solar Energy</i> , <b>2021</b> , 230, 558-582	6.8	14
18	A simple and effective detection strategy using double exponential scheme for photovoltaic systems monitoring. <i>Solar Energy</i> , <b>2021</b> , 214, 337-354	6.8	2
17	Enhancement of Extracted Power from Photovoltaic Systems Through Accelerated Particle Swarm Optimisation Based MPPT. <i>Lecture Notes in Networks and Systems</i> , <b>2020</b> , 94-102	0.5	1
16	Maximum Power Point Tracking Based on the Bio Inspired BAT Algorithm. <i>Lecture Notes in Networks and Systems</i> , <b>2020</b> , 22-29	0.5	2
15	Modified Particle Swarm Optimization Based MPPT with Adaptive Inertia Weight. <i>Lecture Notes in Networks and Systems</i> , <b>2020</b> , 115-123	0.5	1
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> , <b>2020</b> , 14, 3401-3417	2.9	12
13	Multivariate statistical monitoring of photovoltaic plant operation. <i>Energy Conversion and Management</i> , <b>2020</b> , 205, 112317	10.6	10
12	Comprehensive review on global maximum power point tracking techniques for PV systems subjected to partial shading conditions. <i>Solar Energy</i> , <b>2019</b> , 183, 476-500	6.8	60
11	A review of global maximum power point tracking techniques of photovoltaic system under partial shading conditions. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 92, 513-553	16.2	87
10	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> , <b>2018</b> , 10, 043507	2.5	8
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> , <b>2018</b> , 30, 1013-1035	2	6
8	FPGA-based implementation of online selective harmonic elimination PWM for voltage source inverter. <i>International Journal of Electronics</i> , <b>2017</b> , 104, 1715-1731	1.2	8
7	Global maximum power point tracking based on ANFIS approach for PV array configurations under partial shading conditions. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 77, 875-889	16.2	52
6	A new MPPT controller based on the Ant colony optimization algorithm for Photovoltaic systems under partial shading conditions. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 58, 465-479	7.5	138
5	Bat algorithm based maximum power point tracking for photovoltaic system under partial shading conditions. <i>Solar Energy</i> , <b>2017</b> , 158, 490-503	6.8	83

4	FPGA implementation of PSO based MPPT for PV systems under partial shading conditions <b>2017</b> ,		6
3	Comparative study and performance evaluation of central and distributed topologies of photovoltaic system. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 8703-8711	6.7	3
2	FPGA based on-line Artificial Neural Network Selective Harmonic Elimination PWM technique. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2015</b> , 68, 33-43	5.1	18
1	Rapid prototyping of PVS into FPGA: From model based design to FPGA/ASICs implementation <b>2014</b> ,		3