El Madjid Berkouk

List of Publications by Year
in descending order

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12 papers	486 citations	1307594 7 h-index	1720034 7 g-index
12 all docs	12 docs citations	12 times ranked	504 citing authors

#	Article	IF	Citations
1	A High-Performance Global Maximum Power Point Tracker of PV System for Rapidly Changing Partial Shading Conditions. IEEE Transactions on Industrial Electronics, 2021, 68, 2236-2245.	7.9	53
2	Comparison Between five MPPT Techniques for the Z-source inverter integrated into a PV system using MCBC control method. , 2021, , .		3
3	A Cascaded Pseudo Open Loop Synchronization Technique for Grid Connected Application. , 2021, , .		0
4	Recent developments of MPPT techniques for PV systems under partial shading conditions: a critical review and performance evaluation. IET Renewable Power Generation, 2020, 14, 3401-3417.	3.1	46
5	Analysis of grid connected hybrid renewable energy system. Journal of Renewable and Sustainable Energy, 2019, 11, .	2.0	17
6	An Effective Hybrid Maximum Power Point Tracker of Photovoltaic Arrays for Complex Partial Shading Conditions. IEEE Transactions on Industrial Electronics, 2019, 66, 6990-7000.	7.9	118
7	A robust control algorithm for a multifunctional grid tied inverter to enhance the power quality of a microgrid under unbalanced conditions. International Journal of Electrical Power and Energy Systems, 2018, 100, 253-264.	5.5	54
8	A Rule-based Power Management Controller using Stateflow for Grid-Connected PV-Battery Energy System supplying Household load. , 2018, , .		8
9	Artificial intelligence-based maximum power point tracking controllers for Photovoltaic systems: Comparative study. Renewable and Sustainable Energy Reviews, 2017, 69, 369-386.	16.4	132
10	A Hybrid PSO-PI based Maximum Power Point Tracking algorithm using adaptive sampling time strategy. , 2015, , .		11
11	A maximum power point tracker based on particle swarm optimization for PV-battery energy system under partial shading conditions. , 2015, , .		12
12	Supervision and control of grid connected PV-Storage systems with the five level diode clamped inverter. Energy Conversion and Management, 2014, 77, 98-107.	9.2	32