

El Madjid Berkouk

List of Publications by Year in descending order

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Version: 2024-02-01

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