

Abdeslem Sahli

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

157
citations

1684188

5
h-index

1588992

8
g-index

15
all docs

15
docs citations

15
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy management and power quality enhancement in grid-tied single-phase PV system using modified PUC converter. IET Renewable Power Generation, 2019, 13, 2512-2521.	3.1	30
2	Model predictive control for single phase active power filter using modified packed U-cell (MPUC5) converter. Electric Power Systems Research, 2020, 180, 106139.	3.6	25
3	Model predictive voltage control of a single-phase inverter with output LC filter for stand-alone renewable energy systems. Electrical Engineering, 2020, 102, 1073-1082.	2.0	24
4	A Robust Control of Two-Stage Grid-Tied PV Systems Employing Integral Sliding Mode Theory. Energies, 2018, 11, 2791.	3.1	23
5	A Predictive Control Scheme for Large-Scale Grid-Connected PV System Using High-Level NPC Inverter. Arabian Journal for Science and Engineering, 2020, 45, 1685-1701.	3.0	16
6	PI-MPC Switching Control for DC-DC Boost Converter using an Adaptive Sliding Mode Observer. , 2020, , .		11
7	Energy Management and Power Quality Improvement in Grid-Connected Photovoltaic Systems. , 2017, , .		5
8	FPGA-based hardware-in-the-loop for multi-domain simulation. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1950020.	1.4	5
9	Predictive Control Strategy for Double-Stage Grid Connected PV Systems. Lecture Notes in Electrical Engineering, 2019, , 314-327.	0.4	5
10	A Sugeno-Fuzzy Tuning Approach of Weighting Factor in Model Predictive Control for PV Grid-Tied PUC7 Multi-Level Inverter. , 2022, , .		5
11	Sensorless Predictive Current Controlled DC-DC Boost Converter for PV MPPT Applications. , 2019, , .		3
12	Multi-class neuro-fuzzy classifier for photovoltaic array faults diagnosis. , 2017, , .		2
13	FPGA based HIL simulation for direct current control of active power filter. , 2020, , .		2
14	FPGA based Hardware-in-the-Loop Simulation for Digital Control of Power Converters using VHDL-AMS. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	1