Abdeslem Sahli

List of Publications by Year
in descending order

14	157	1684188 5	1588992 8
papers	citations	h-index	g-index

15	15	15	111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Sugeno-Fuzzy Tuning Approach of Weighting Factor in Model Predictive Control for PV Grid-Tied PUC7 Multi-Level Inverter. , 2022, , .		5
2	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
3	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
4	PI-MPC Switching Control for DC-DC Boost Converter using an Adaptive Sliding Mode Observer. , 2020, , .		11
5	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
6	FPGA based HIL simulation for direct current control of active power filter. , 2020, , .		2
7	FPGA-based hardware-in-the-loop for multi-domain simulation. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1950020.	1.4	5
8	Sensorless Predictive Current Controlled DC-DC Boost Converter for PV MPPT Applications. , 2019, , .		3
9	Predictive Control Strategy for Double-Stage Grid Connected PV Systems. Lecture Notes in Electrical Engineering, 2019, , 314-327.	0.4	5
10	Energy management and power quality enhancement in gridâ€tied singleâ€phase PV system using modified PUC converter. IET Renewable Power Generation, 2019, 13, 2512-2521.	3.1	30
11	A Robust Control of Two-Stage Grid-Tied PV Systems Employing Integral Sliding Mode Theory. Energies, 2018, 11, 2791.	3.1	23
12	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
13	Multi-class neuro-fuzzy classifier for photovoltaic array faults diagnosis. , 2017, , .		2
14	Energy Management and Power Quality Improvement in Grid-Connected Photovoltaic Systems. , 2017, , .		5