

Ana M Llor

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

579
citations

1307594

7
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Model Predictive Control: MPC's Role in the Evolution of Power Electronics. IEEE Industrial Electronics Magazine, 2015, 9, 8-21.	2.6	383
2	Implementation of Hybrid Control for Motor Drives. IEEE Transactions on Industrial Electronics, 2007, 54, 1946-1952.	7.9	93
3	A Simple Space Vector Modulation Method With DC-Link Voltage Balancing and Reduced Common-Mode Voltage Strategy for a Three-Level T-Type Quasi-Z Source Inverter. IEEE Access, 2021, 9, 82747-82760.	4.2	17
4	Sensorless Low Switching Frequency Explicit Model Predictive Control of Induction Machines Fed by Neutral Point Clamped Inverter. IEEE Transactions on Industrial Electronics, 2019, 66, 9122-9128.	7.9	13
5	Photovoltaic Green Hydrogen Challenges and Opportunities: A Power Electronics Perspective. IEEE Industrial Electronics Magazine, 2022, 16, 31-41.	2.6	13
6	The DC Transformer Power Electronic Building Block: Powering Next-Generation Converter Design. IEEE Industrial Electronics Magazine, 2023, 17, 21-35.	2.6	11
7	Predictive control of flying capacitor active power filter. , 2010, , .		8
8	Sub-modular Power Optimizers Based on Partial Power Converters for Utility Scale PV Plants. , 2019, , .		8
9	An Active Power Filter Using a Sensorless Muticell Inverter. , 2007, , .		7
10	Geometrical approach of current predictive control for four-leg converters. , 2011, , .		7
11	Direct Model Predictive Control with Variable Commutation Instant: Application to a Parallel Multicell Converter. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	7.9	7
12	Medium voltage 4-level double-star multilevel converter using model predictive control. , 2017, , .		5
13	A direct predictive control of shunt active power filters using multicell converter. , 2007, , .		3
14	Direct control of 4-Leg 4-Level Flying Capacitor Converter for an Active Filtering Application. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 325-330.	0.4	2
15	A Simplified SVPWM Method for Neutral Point Voltage Control and Common Mode Voltage Reduction in Three-Level qZS T-type PV Inverters. , 2020, , .		2
16	Operating region of a three-phase quasi-Z-source inverter. , 2017, , .		0