

Patricio Cortes

List of Publications by Year in descending order

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26
papers

7,624
citations

687220

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h-index

1125617

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34
all docs

34
docs citations

34
times ranked

3280
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive Control of a Back-to-Back NPC Converter-Based Wind Power System. IEEE Transactions on Industrial Electronics, 2016, 63, 4615-4627.	5.2	79
2	Model Predictive Current Control of Grid-Connected Neutral-Point-Clamped Converters to Meet Low-Voltage Ride-Through Requirements. IEEE Transactions on Industrial Electronics, 2015, 62, 1503-1514.	5.2	169
3	Model predictive current control of a three-level five-phase NPC VSI using simplified computational approach. , 2014, , .		15
4	Delay Compensation in Model Predictive Current Control of a Three-Phase Inverter. IEEE Transactions on Industrial Electronics, 2012, 59, 1323-1325.	5.2	896
5	Model Predictive Control of an AFE Rectifier With Dynamic References. IEEE Transactions on Power Electronics, 2012, 27, 3128-3136.	5.4	221
6	Predictive control of a single-phase cascaded h-bridge photovoltaic energy conversion system. , 2012, , .		23
7	Finite States Model Predictive Control for Shunt Active Filters. , 2011, , .		22
8	Model predictive control for Cascaded H-bridge multilevel inverters with even power distribution. , 2010, , .		11
9	Predictive current controller for sensorless induction motor drive. , 2010, , .		21
10	Electric propulsion technology based in predictive direct torque control and asymmetrical dual three-phase drives. , 2010, , .		2
11	Finite control set model predictive current control of a five-phase voltage source inverter. , 2010, , .		11
12	Finite state model predictive current control of a three-level five-phase NPC voltage source inverter. , 2010, , .		10
13	Model Predictive Control of Multilevel Cascaded H-Bridge Inverters. IEEE Transactions on Industrial Electronics, 2010, 57, 2691-2699.	5.2	449
14	Finite control set MPC of an AFE rectifier with dynamic references. , 2010, , .		26
15	Predictive control based selective harmonic elimination with low switching frequency for multilevel converters. , 2009, , .		61
16	Predictive Torque Control of Induction Machines Based on State-Space Models. IEEE Transactions on Industrial Electronics, 2009, 56, 1916-1924.	5.2	383
17	Guidelines for weighting factors design in Model Predictive Control of power converters and drives. , 2009, , .		490
18	Model Predictive Control of an Inverter With Output LC Filter for UPS Applications. IEEE Transactions on Industrial Electronics, 2009, 56, 1875-1883.	5.2	552

#	ARTICLE	IF	CITATIONS
19	A method of predictive current control with reduced number of calculations for five-phase voltage source inverters. , 2009, , .		9
20	Predictive Control in Power Electronics and Drives. IEEE Transactions on Industrial Electronics, 2008, 55, 4312-4324.	5.2	1,441
21	Predictive Current Control Strategy With Imposed Load Current Spectrum. IEEE Transactions on Power Electronics, 2008, 23, 612-618.	5.4	342
22	Predictive Control Algorithm Technique for Multilevel Asymmetric Cascaded H-Bridge Inverters. IEEE Transactions on Industrial Electronics, 2008, 55, 4354-4361.	5.2	147
23	Direct Power Control of an AFE Using Predictive Control. IEEE Transactions on Power Electronics, 2008, 23, 2516-2523.	5.4	416
24	Predictive Current Control of a Voltage Source Inverter. IEEE Transactions on Industrial Electronics, 2007, 54, 495-503.	5.2	1,269
25	Predictive Control of a Three-Phase Neutral-Point-Clamped Inverter. IEEE Transactions on Industrial Electronics, 2007, 54, 2697-2705.	5.2	482
26	Three-phase inverter with output LC filter using predictive control for UPS applications. , 2007, , .		17