

Marco Rivera

List of Publications by Year in descending order

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272
papers

6,965
citations

109321

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274
docs citations

274
times ranked

3371
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of Exact Linearization Technique for Modeling and Control of DC/DC Converters in Rural PV Microgrid Application. IEEE Access, 2022, 10, 56925-56936.	4.2	9
2	FCSâ€MPC with Nonlinear Control Applied to a Multicell AFE Rectifier. Sensors, 2022, 22, 4100.	3.8	1
3	A Modulation Method Based on a Generalised Solution of the Five-Phase Voltage-Time Law. IEEE Transactions on Industrial Electronics, 2021, 68, 6434-6443.	7.9	0
4	A Reduced Single-Phase Switched-Diode Cascaded Multilevel Inverter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3556-3569.	5.4	41
5	A Switched-DC Source Sub-Module Multilevel Inverter Topology for Renewable Energy Source Applications. IEEE Access, 2021, 9, 135964-135982.	4.2	29
6	Model predictive control of multilevel diode-clamped converters. , 2021, , 97-128.		1
7	Advances in predictive control of DC microgrids. , 2021, , 311-335.		1
8	Trends and Challenges in Multi-Level Inverter with Reduced Switches. Electronics (Switzerland), 2021, 10, 368.	3.1	28
9	Predictive Control with Current-Based Maximum Power Point-Tracking for On-Grid Photovoltaic Applications. Sustainability, 2021, 13, 3037.	3.2	4
10	Design of Higher Order Converter for Piezo Electric Energy Harvesting Applications. , 2021, , .		3
11	Simulation and Experimentation of 57-Level Inverter. , 2021, , .		2
12	A Novel Modulated Model Predictive Control Applied to Six-Phase Induction Motor Drives. IEEE Transactions on Industrial Electronics, 2021, 68, 3672-3682.	7.9	41
13	Comparative Study of Classical and MPC Control for Single-Phase MMC Based on V-HIL Simulations. Energies, 2021, 14, 3230.	3.1	6
14	Model-Based Predictive Rotor Current Control Strategy for Indirect Power Control of a DFIM Driven by an Indirect Matrix Converter. IEEE Transactions on Energy Conversion, 2021, 36, 1510-1516.	5.2	8
15	Model Predictive Control of the Input Current and Output Voltage of a Matrix Converter as a Ground Power Unit for Airplane Servicing. Sustainability, 2021, 13, 9715.	3.2	1
16	Review of Control Techniques in Microinverters. Sensors, 2021, 21, 6486.	3.8	8
17	Experimental Stability Study of Modulated Model Predictive Current Controllers Applied to Six-Phase Induction Motor Drives. IEEE Transactions on Power Electronics, 2021, 36, 13275-13284.	7.9	14
18	A Cascade PI-SMC Method for Matrix Converter-Fed BDFIM Drives. IEEE Transactions on Transportation Electrification, 2021, 7, 2541-2550.	7.8	13

#	ARTICLE	IF	CITATIONS
19	Fault Tolerant Predictive Control for Six-Phase Wind Generation Systems using Multi-Modular Matrix Converter. , 2021, , .		0
20	Speed Control of a Six-Phase IM Fed by a Multi-Modular Matrix Converter Using an Inner PTC With Reduced Computational Burden. IEEE Access, 2021, 9, 160035-160047.	4.2	7
21	The Selection of Cost Functions in Model Predictive Control Applications. , 2021, , .		0
22	Predictive Control Strategies in a Two-Level Voltage Source Inverter. , 2021, , .		2
23	Design, Implementation, and Stability Analysis of a Space Vector Modulated Direct Matrix Converter for Power Flow Control in a More Reliable and Sustainable Microgrid. Sustainability, 2020, 12, 8591.	3.2	1
24	The Analysis Performance of a Grid-Connected 8.2 kWp Photovoltaic System in the Patagonia Region. Sustainability, 2020, 12, 9227.	3.2	12
25	Sensitivity Analysis of Exact Tracking Error Dynamics Passive Output Control for a Flat/Partially Flat Converter Systems. Electronics (Switzerland), 2020, 9, 1942.	3.1	8
26	Low-Cost Implementation of Passivity-Based Control and Estimation of Load Torque for a Luo Converter with Dynamic Load. Electronics (Switzerland), 2020, 9, 1914.	3.1	9
27	An Overmodulation Strategy Based on a Generalised Duty Cycle Solution for Three- Phase Inverters. , 2020, , .		0
28	An Overmodulation Technique for Asymmetrical Six-Phase Voltage Source Inverters With Low Voltage Harmonic Injection. , 2020, , .		0
29	Finite Control Set “ Model Predictive Control with Improved Harmonic Rejection applied to Multi-Cell AFE Rectifier. , 2020, , .		0
30	A Low-Complexity Optimal Switching Time-Modulated Model-Predictive Control for PMSM With Three-Level NPC Converter. IEEE Transactions on Transportation Electrification, 2020, 6, 1188-1198.	7.8	46
31	Control Techniques for a Single-Phase Matrix Converter. Energies, 2020, 13, 6337.	3.1	3
32	Realization of 485 Level Inverter Using Tri-State Architecture for Renewable Energy Systems. Energies, 2020, 13, 6627.	3.1	4
33	A Review of Control Techniques in Photovoltaic Systems. Sustainability, 2020, 12, 10598.	3.2	14
34	Present and Future of the Chilean Electrical Grid. , 2020, , .		0
35	Current Control of the Coupled-Inductor Buck“Boost DC“DC Switching Converter Using a Model Predictive Control Approach. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3348-3360.	5.4	20
36	Active and Reactive Power Control based on Predictive Voltage Control in a Six-Phase Generation System using Modular Matrix Converters. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
37	Modulated Model Predictive Current Control of a Four-Leg Inverter. , 2020, , .		9
38	Modulated Predictive Voltage Control of a Four-Leg Inverter with Fixed Switching Frequency. , 2020, , .		6
39	Predictive Control for Microgrid Applications: A Review Study. Energies, 2020, 13, 2454.	3.1	44
40	Architectures for Microgrids Interconnection. , 2020, , .		1
41	Comparative Assessment of Model Predictive Current Control Strategies applied to Six-Phase Induction Machines. , 2020, , .		1
42	Improved Predictive Control in Multi-Modular Matrix Converter for Six-Phase Generation Systems. Energies, 2020, 13, 2660.	3.1	10
43	A Cascade PI-SMC Method for Brushless Doubly-Fed Induction Machine with Matrix Converter. , 2020, , .		2
44	Predictive Torque Control with Fixed Switching Frequency for Induction Motor Drives. , 2020, , .		5
45	Recent Advances of Predictive Control in Power Converters. , 2020, , .		11
46	A Leakage-Inductance-Tolerant Commutation Strategy for Isolated AC/AC Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 467-479.	5.4	17
47	An Approach to Natural Sampling Using a Digital Sampling Technique for SPWM Multilevel Inverter Modulation. Energies, 2019, 12, 2925.	3.1	1
48	Genetic Algorithm Technique for 7-Level Cascaded H-Bridge Multilevel Converter THD Minimization. , 2019, , .		1
49	Modified H-Bridge Inverter with Reduced Number of Switching Devices. , 2019, , .		0
50	Data for resistance and inductance estimation within a voltage source inverter. Data in Brief, 2019, 25, 104104.	1.0	0
51	Selective Harmonic Elimination In Cascaded H-Bridge Multilevel Inverter Using Genetic Algorithm Approach. , 2019, , .		11
52	Model Predictive Control for the New Reduced Multi-level Grid-Connected Converter. , 2019, , .		2
53	New Single-Phase Asymmetric Reduced Multilevel Inverter Based on Switched-Diode for Cascaded Multilevel Inverters. , 2019, , .		1
54	Performance Evaluation of Cascaded H-bridge Multilevel Grid-Connected Converter with Model Predictive Control Technique. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
55	Predictive Control of a Three-Phase Cascaded H-Bridge Multilevel Inverter for Solar Energy Injection. , 2019, , .		0
56	Control of a Three-Phase Cascaded H-Bridge Multilevel Inverter for Solar Energy Injection. , 2019, , .		0
57	Predictive-Fixed Switching Current Control Strategy Applied to Six-Phase Induction Machine. Energies, 2019, 12, 2294.	3.1	28
58	Experimental evaluation of predictive voltage control for a fourâ€leg twoâ€stage matrix converter. IET Power Electronics, 2019, 12, 3077-3084.	2.1	6
59	Control of Energy Storage and Photovoltaic Systems using Model Predictive Control. , 2019, , .		2
60	New Reduced Switched Multilevel Inverter for Three-Phase Grid-Connected PV System, Performance Evaluation. , 2019, , .		4
61	New Reduced Asymmetric Basic Module Multilevel Converters for Cascaded Configurations. , 2019, , .		1
62	A Generalised Multifrequency PWM Strategy for Dual Three-Phase Voltage Source Converters. Energies, 2019, 12, 1398.	3.1	9
63	A Three-Phase Modular Isolated Matrix Converter. IEEE Transactions on Power Electronics, 2019, 34, 11760-11773.	7.9	19
64	A Cost-Effective and Low-Complexity Predictive Control for Matrix Converters Under Unbalanced Grid Voltage Conditions. IEEE Access, 2019, 7, 43895-43905.	4.2	30
65	Predictive Control of Four-Leg Converters for Photovoltaic Energy Systems. Power Systems, 2019, , 45-69.	0.5	2
66	Analysis of H-Bridge STATCOM with Fault Phase Controlled by Modulated Predictive Current Control. , 2019, , .		1
67	FCS â€ MPC and Feedback Quantizer applied to a Multi-Cell AFE Rectifier. , 2019, , .		0
68	An Assessment of Parallel Connected Silicon Carbide based Electronic Switches. , 2019, , .		0
69	Multi-modular scalable DC-AC power converter for current injection to the grid based on predictive voltage control. , 2019, , .		1
70	Active and Reactive Power Control based on an Inner Predictive Voltage Control Loop for AC generation systems with Direct Matrix Converter. , 2019, , .		2
71	Digital count of Sunflower plants at emergence from very low altitude using UAV images. , 2019, , .		4
72	Wind Energy Development and Technology in the World: A Brief Overview. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
73	Implementation of Twenty seven level and Fifty one level Inverter using constant voltage sources. , 2019, , .		3
74	Improved Speed Control of BLDC Motor using Luo converter By Sliding Mode Control. , 2019, , .		4
75	Control Techniques for a Single-Phase Matrix Converter. , 2019, , .		0
76	Modulated Model Predictive Current Control for PMSM Operating With Three-level NPC Inverter. , 2019, , .		9
77	Predictive Voltage Control Operating at Fixed Switching Frequency of a Neutral-Point Clamped Converter. , 2019, , .		0
78	New Cascaded Multilevel Inverter Configuration with Reduced Number of Components. , 2019, , .		1
79	Review of model predictive control strategies for matrix converters. IET Power Electronics, 2019, 12, 3021-3032.	2.1	45
80	Finite-State Model Predictive Control With Integral Action Applied to a Single-Phase Z-Source Inverter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 228-239.	5.4	30
81	Efficiency analysis of a modular H-bridge based on SiC MOSFET. International Journal of Electronics Letters, 2019, 7, 59-67.	1.2	10
82	Finite-Set Model-Predictive Control Strategies for a 3L-NPC Inverter Operating With Fixed Switching Frequency. IEEE Transactions on Industrial Electronics, 2018, 65, 3954-3965.	7.9	204
83	Predictive Current Control of a Grid-Connected NPC Converter. , 2018, , .		0
84	A New Ground Power Unit (GPU) Supply for Aircraft Applications. , 2018, , .		0
85	Predictive Current Control Strategy for a Direct Matrix Converter with Modulated Switching Pattern. , 2018, , .		5
86	Predictive Control in Power Converter Applications: Challenge and Trends. , 2018, , .		4
87	Predictive Control for a Flying Capacitor Multilevel Inverter. , 2018, , .		4
88	New Asymmetric Cascaded Multi-level Converter with Reduced Components. , 2018, , .		7
89	Three-Phase Rectifiers With Current Compensation Schemes - Part II: Active and Hybrid Configurations. , 2018, , .		2
90	Three-Phase Rectifiers with Current Compensation Schemes - Part I: Passive Circuits. , 2018, , .		5

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91	Predictive Control Applied to a Cascaded H-Bridge Multilevel Converter. , 2018, , .		0
92	A New Topology of AC-AC Ground Power Unit for Aeronautical Applications. , 2018, , .		2
93	A Review of AC-DC Converters with Injection Circuits - Part II. , 2018, , .		0
94	An Integral Design of Ground Power Unit Supply for Aircraft Applications. , 2018, , .		4
95	Optimized Predictive Control and Equalization of Zero-States for a 27-level Cascade Asymmetric Multilevel Converter. , 2018, , .		1
96	Predictive Control for MPPT in a Single-Stage Photovoltaic System. , 2018, , .		3
97	Back-to-Back Modified T-Type Half-Bridge Module for Cascaded Multi-level Inverters with Decreased Number of Components. , 2018, , .		3
98	Trends and Challenges of Predictive Control in Power Electronics. , 2018, , .		2
99	Design, Assembly and Startup of a Single-Phase Multi-Modular Matrix Converter for Grid Interconnection. , 2018, , .		2
100	Predictive Current Control Operating at Fixed Swwitching Frequency in a Gridâ€‘Connected NPC Converter. , 2018, , .		2
101	Predictive Control Strategies Operating at Fixed Switching Frequency for Input Filter Resonance Mitigation in an Indirect Matrix Converter. IEEE Latin America Transactions, 2018, 16, 2370-2376.	1.6	6
102	Recent Predictive Control Strategies Applied to Flying Capacitor Multilevel Inverters. , 2018, , .		3
103	Analysis of Current Control Techniques in an Indirect Matrix Converter. , 2018, , .		1
104	Predictive Control of a 27-level Asymmetric Multilevel Current Source Inverter. , 2018, , .		2
105	Computationally Efficient Model Predictive Control of a Four-Leg Inverter for Common Mode Voltage Elimination. , 2018, , .		7
106	Communication Improvements for Intelligent Systems in Microgrids - Part II. , 2018, , .		0
107	Modelling Communication Network for Intelligent Applications in Microgrids - Part I. , 2018, , .		1
108	Modelling Communication Network for Intelligent Applications in Microgrids - Part II. , 2018, , .		2

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109	Third Order Sliding Mode Control of Buck Converter Fed Permanent Magnet DC Motor. , 2018, , .		4
110	A Review of AC-DC Converters with Injection Circuits - Part I. , 2018, , .		1
111	Comparison of vegetation indices acquired from RGB and Multispectral sensors placed on UAV. , 2018, , .		10
112	Communication Improvements for Intelligent Systems in Microgrids - Part I. , 2018, , .		0
113	Recent Challenge and Trends of Predictive Control in Power Electronics Application. , 2018, , .		3
114	An Asymmetric Modular Multilevel Converter of 27 Levels. , 2018, , .		3
115	Using clustering algorithms to segment UAV-based RGB images. , 2018, , .		6
116	New Sub-Module for Cascaded Multilevel Inverters with Reduced Switching Devices. , 2018, , .		0
117	Design and Implementation of a Modular Bidirectional Switch Using SiC-MOSFET for Power Converter Applications. Active and Passive Electronic Components, 2018, 2018, 1-9.	0.3	8
118	Guest Editorial: Special Section on Predictive Control in Power Electronics, Electrical Drives and Industrial Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1638-1640.	5.4	1
119	High Performance Modified Model Predictive Control of a Voltage Source Inverter. Electric Power Components and Systems, 2018, 46, 600-613.	1.8	11
120	A Modulated Model Predictive Control Scheme for the Brushless Doubly Fed Induction Machine. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1681-1691.	5.4	22
121	Open-Circuit Fault Diagnosis and Fault-Tolerant Model Predictive Control of SubMultilevel Inverter. , 2018, , .		4
122	Predictive torque control of brushless doubly fed induction generator fed by a matrix converter. , 2018, , .		8
123	A Comparative Analysis in Asymmetric Inverters Non - Regenerative. , 2018, , .		1
124	A Computationally Efficient Lookup Table Based FCS-MPC for PMSM Drives Fed by Matrix Converters. IEEE Transactions on Industrial Electronics, 2017, 64, 7645-7654.	7.9	79
125	An Experimental Evaluation of Predictive Current Control and Predictive Torque Control for a PMSM Fed by a Matrix Converter. IEEE Transactions on Industrial Electronics, 2017, 64, 8459-8471.	7.9	60
126	Modulated Predictive Control for Indirect Matrix Converter. IEEE Transactions on Industry Applications, 2017, 53, 4644-4654.	4.9	62

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127	Modulated model based predictive control with switcher of redundant states for a three-phase cascade H-bridge multilevel STATCOM. , 2017, , .		1
128	Predictive control for an asymmetric multilevel converter for PV energy injection. , 2017, , .		2
129	Model based predictive current control for a three-phase cascade H-bridge multilevel STATCOM operating at fixed switching frequency. , 2017, , .		19
130	Model Predictive Control for Power Converters and Drives: Advances and Trends. IEEE Transactions on Industrial Electronics, 2017, 64, 935-947.	7.9	1,305
131	Cascade-Free Model Predictive Control for Single-Phase Grid-Connected Power Converters. IEEE Transactions on Industrial Electronics, 2017, 64, 285-294.	7.9	66
132	Modulated model predictive current control for H-bridge two-level single phase active power filters STATCOM. , 2017, , .		6
133	Model based predictive control with a fixed switching frequency applied to a single-phase cascade H-bridge multilevel STATCOM. , 2017, , .		2
134	Active power support of a full-scale converter-based WECS through modular flywheel storage system with DC bus signaling. , 2017, , .		1
135	Indirect model predictive control strategies with input filter resonance mitigation for a matrix converter operating at fixed switching frequency. , 2017, , .		3
136	Indirect model predictive current control techniques for a direct matrix converter. , 2017, , .		2
137	New cascaded multilevel converters based on switched-diode six-level configuration. , 2017, , .		8
138	New sub-module inverter for cascaded multilevel inverter with reduced number of switch counts. , 2017, , .		13
139	Cascaded multilevel inverter based on new sub-module inverter with reduced number of switching devices. , 2017, , .		11
140	Predictive control of a current source rectifier in wind energy conversion system with PMSG. , 2017, , .		1
141	New fundamental multilevel inverter with reduced number of switching elements. , 2017, , .		14
142	7-Level asymmetric multilevel current source inverter with predictive control. , 2017, , .		3
143	Model predictive control for a 27-level asymmetric multilevel STATic COMPensator. , 2017, , .		2
144	Predictive control strategies operating at fixed switching frequency for input filter resonance mitigation in an indirect matrix converter. , 2017, , .		3

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145	An indirect model predictive current control for a direct matrix converter with instantaneous reactive power minimization. , 2017, , .		8
146	DC transformer based on the versatile DC-DC noninverting buck-boost converter for fuel cell emulation. , 2017, , .		2
147	Indirect model predictive control with imposed sinusoidal source currents for a Direct Matrix Converter Working at fixed switching frequency. , 2017, , .		3
148	Speed sensorless predictive current control of a five-phase induction machine. , 2017, , .		6
149	Predictive current control with Kalman filter observer for a five-phase induction machine operating at fixed switching frequency. , 2017, , .		6
150	Finite states-modulated model predictive control of a Quasi-z-Source Inverter with LCL filter. , 2017, , .		4
151	Modeling and analysis of dual three-phase self-excited induction generator for wind energy conversion systems. , 2017, , .		5
152	Improving efficiency in the shoot-through state of a single-phase z-source inverter. , 2017, , .		0
153	Fixed frequency model predictive control with active damping for an indirect matrix converter. , 2017, , .		3
154	Predictive control strategies for an indirect matrix converter operating at fixed switching frequency. , 2017, , .		1
155	Modulated model predictive current control of an indirect matrix converter with active damping. , 2017, , .		5
156	Comparative study of predictive control strategies at fixed switching frequency for an asymmetrical six-phase induction motor drive. , 2017, , .		21
157	Indirect predictive control strategy with mitigation of input filter resonances for a direct matrix converter. , 2017, , .		1
158	Indirect model predictive control strategies for a direct matrix converter with mitigation of input filter resonances. , 2017, , .		3
159	Population-based metaheuristics in microgrids applications. , 2017, , .		2
160	Modulated model predictive control of assymetric source dual inverter system for open end winding induction motor drive. , 2017, , .		4
161	A Modular AC-DC Power Converter with Zero Voltage Transition for Electric Vehicles. Energies, 2017, 10, 1386.	3.1	8
162	Modulated model predictive rotor current control ($M^{2/PC}$) of a DFIG driven by an indirect matrix converter with fixed switching frequency. , 2016, , .		6

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163	Discrete Resonant Control for wide frequency range operation of power converters. , 2016, , .		1
164	Model predictive control of a current source inverter together with its current source. , 2016, , .		1
165	Overview of wind energy conversion systems development, technologies and power electronics research trends. , 2016, , .		15
166	Sliding mode control of electric drives/review. , 2016, , .		13
167	A review on multilevel inverter with reduced switch count. , 2016, , .		16
168	Wind energy in Chile: Potential, technology and development. , 2016, , .		0
169	Predictive control at fixed switching frequency for a dual three-phase induction machine with Kalman filter-based rotor estimator. , 2016, , .		9
170	X-Y converter family: A new breed of buck boost converter for high step-up renewable energy applications. , 2016, , .		48
171	A review of power converter topologies with medium/high frequency transformers for grid interconnection systems. , 2016, , .		3
172	New configurations of power converters for grid interconnection systems. , 2016, , .		5
173	Multi-modular matrix converter topology applied to distributed generation systems. , 2016, , .		14
174	Microgrid energy management and control: Technical review. , 2016, , .		21
175	An overview of solar energy in Chile. , 2016, , .		0
176	Cost effective control of a partially flat boost converter fed DC motor. , 2016, , .		3
177	Recommendations for writing research papers. , 2016, , .		3
178	Predictive control of a single phase current source-fed multilevel converter. , 2016, , .		2
179	Predictive power control strategy for a grid-connected 2L-VSI with fixed switching frequency. , 2016, , .		17
180	Predictive current control with reactive power minimization in six-phase wind energy generator using multi-modular direct matrix converter. , 2016, , .		22

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181	Model based predictive control with switcher of redundant vectors for a cascade H-bridge multilevel STATCOM. , 2016, , .		8
182	Predictive Control in Power Converters and Electrical Drivesâ€™Part I. IEEE Transactions on Industrial Electronics, 2016, 63, 3834-3836.	7.9	16
183	A predictive control strategy for a single-phase AC-AC converter. , 2016, , .		1
184	Predictive Control in Power Converters and Electrical Drivesâ€™Part IV. IEEE Transactions on Industrial Electronics, 2016, 63, 5804-5806.	7.9	2
185	Modulation strategies for an open-end winding induction machine fed by a two-output indirect matrix converter. Mathematics and Computers in Simulation, 2016, 130, 95-111.	4.4	3
186	Predictive Control in Power Converters and Electrical Drives - Part III. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	7.9	5
187	Predictive control in matrix converters â€™ Part I: Principles, topologies and applications. , 2016, , .		10
188	Predictive control in matrix converters â€™ Part II: Control strategies, weaknesses and trends. , 2016, , .		9
189	Predictive control in power converters and electrical drivesâ€™part ii [guest editorial]. IEEE Transactions on Industrial Electronics, 2016, 63, 4472-4474.	7.9	9
190	A Generalized MPC Framework for the Design and Comparison of VSI Current Controllers. IEEE Transactions on Industrial Electronics, 2016, 63, 5816-5826.	7.9	61
191	Open-End Winding Induction Machine Fed by a Dual-Output Indirect Matrix Converter. IEEE Transactions on Industrial Electronics, 2016, 63, 4118-4128.	7.9	24
192	Predictive control of four-leg power converters. , 2015, , .		13
193	Predictive control of an indirect matrix converter operating at fixed switching frequency and unbalanced AC-supply. , 2015, , .		9
194	Predictive control of an indirect matrix converter operating at fixed switching frequency and without weighting factors. , 2015, , .		4
195	A new predictive control scheme for a VSI with reduced common mode voltage operating at fixed switching frequency. , 2015, , .		18
196	Predictive current control of a four-wire, active power filter for an unbalanced utility load of metro railway. , 2015, , .		5
197	Predictive control with imposed sinusoidal source and load currents of an indirect matrix converter operating at fixed switching frequency. , 2015, , .		7
198	Predictive control with imposed sinusoidal source and load currents of an indirect matrix converter operating at fixed switching frequency and without weighting factors. , 2015, , .		8

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199	Predictive current control for a VSI with reduced common mode voltage operating at fixed switching frequency. , 2015, , .		13
200	Design of an asymmetric multilevel shunt active power filter. , 2015, , .		0
201	Predictive control of an indirect matrix converter operating at fixed switching frequency. , 2015, , .		5
202	High performance operation for a four-leg NPC inverter with two-sample-ahead predictive control strategy. Electric Power Systems Research, 2015, 123, 31-39.	3.6	34
203	A Single-Objective Predictive Control Method for a Multivariable Single-Phase Three-Level NPC Converter-Based Active Power Filter. IEEE Transactions on Industrial Electronics, 2015, 62, 4598-4607.	7.9	122
204	Predictive Torque Control of a Multidrive System Fed by a Dual Indirect Matrix Converter. IEEE Transactions on Industrial Electronics, 2015, 62, 2731-2741.	7.9	60
205	A modulated model predictive control scheme for a two-level voltage source inverter. , 2015, , .		45
206	Experimental validation of minimum cost functionâ€based model predictive converter control with efficient reference tracking. IET Power Electronics, 2015, 8, 278-287.	2.1	38
207	Online predictive model fitting algorithm for supply inductance estimation. , 2015, , .		0
208	Nonlinear control strategy for current source cascaded H-bridge inverters â€ An approach considering single-phase DQ components. , 2015, , .		3
209	Predictive Current Control with fixed switching frequency for an NPC converter. , 2015, , .		12
210	Generalised approach for predictive control with commonâ€mode voltage mitigation in multilevel diodeâ€clamped converters. IET Power Electronics, 2015, 8, 1440-1450.	2.1	57
211	Indirect power control of a DFIG using model-based predictive rotor current control with an indirect matrix converter. , 2015, , .		7
212	Finite states modulated model predictive control for active power filtering systems. , 2015, , .		13
213	Modulated model predictive control (M<sup>2</sup>PC) with fixed switching frequency for an NPC converter. , 2015, , .		10
214	A Simple Current Control Strategy for a Four-Leg Indirect Matrix Converter. IEEE Transactions on Power Electronics, 2015, 30, 2275-2287.	7.9	31
215	Imposed Weighting Factor Optimization Method for Torque Ripple Reduction of IM Fed by Indirect Matrix Converter with Predictive Control Algorithm. Journal of Electrical Engineering and Technology, 2015, 10, 227-242.	2.0	19
216	Predictive Control of an Induction Machine Fed by a Matrix Converter With Increased Efficiency and Reduced Common-Mode Voltage. IEEE Transactions on Energy Conversion, 2014, 29, 473-485.	5.2	81

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217	Two predictive control techniques for output voltage control and improvement of the source currents in an indirect matrix converter. , 2014, , .		1
218	Model Predictive Torque Ripple Reduction with Weighting Factor Optimization Fed by an Indirect Matrix Converter. Electric Power Components and Systems, 2014, 42, 1059-1069.	1.8	35
219	Review of predictive control methods to improve the input current of an indirect matrix converter. IET Power Electronics, 2014, 7, 886-894.	2.1	55
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