

Cursino Brandão Jacobina

List of Publications by Year in descending order

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442
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442
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442
docs citations

442
times ranked

2695
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault detection of open-switch damage in voltage-fed PWM motor drive systems. IEEE Transactions on Power Electronics, 2003, 18, 587-593.	5.4	428
2	Fault-Tolerant Voltage-Fed PWM Inverter AC Motor Drive Systems. IEEE Transactions on Industrial Electronics, 2004, 51, 439-446.	5.2	257
3	A General PWM Strategy for Four-Switch Three-Phase Inverters. IEEE Transactions on Power Electronics, 2006, 21, 1618-1627.	5.4	219
4	Current control of unbalanced electrical systems. IEEE Transactions on Industrial Electronics, 2001, 48, 517-525.	5.2	173
5	Digital scalar pulse-width modulation: a simple approach to introduce nonsinusoidal modulating waveforms. IEEE Transactions on Power Electronics, 2001, 16, 351-359.	5.4	170
6	An induction motor drive system with improved fault tolerance. IEEE Transactions on Industry Applications, 2001, 37, 873-879.	3.3	156
7	Pulsewidth Modulation Strategies. IEEE Industrial Electronics Magazine, 2011, 5, 37-45.	2.3	142
8	Improved Dead-Time Compensation for Sinusoidal PWM Inverters Operating at High Switching Frequencies. IEEE Transactions on Industrial Electronics, 2007, 54, 2295-2304.	5.2	119
9	Vector control strategies for single-phase induction motor drive systems. IEEE Transactions on Industrial Electronics, 2004, 51, 1073-1080.	5.2	105
10	Rotor-flux-oriented control of a single-phase induction motor drive. IEEE Transactions on Industrial Electronics, 2000, 47, 832-841.	5.2	96
11	Induction motor drive system for low-power applications. IEEE Transactions on Industry Applications, 1999, 35, 52-61.	3.3	93
12	Control of the single-phase three-leg AC/AC converter. IEEE Transactions on Industrial Electronics, 2006, 53, 467-476.	5.2	92
13	A three-leg voltage source inverter for two-phase AC motor drive systems. IEEE Transactions on Power Electronics, 2002, 17, 517-523.	5.4	86
14	An Effective Induction Motor Control for Photovoltaic Pumping. IEEE Transactions on Industrial Electronics, 2011, 58, 1162-1170.	5.2	83
15	Application of single-phase to three-phase converter motor drive systems with IGBT dual module losses reduction. , 2009, , .		80
16	AC motor drive systems with a reduced-switch-count converter. IEEE Transactions on Industry Applications, 2003, 39, 1333-1342.	3.3	77
17	Nested Multilevel Topologies. IEEE Transactions on Power Electronics, 2015, 30, 4058-4068.	5.4	71
18	Single-Phase to Three-Phase Power Converters: State of the Art. IEEE Transactions on Power Electronics, 2012, 27, 2437-2452.	5.4	66

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19	Modeling and control of unbalanced three-phase systems containing PWM converters. IEEE Transactions on Industry Applications, 2001, 37, 1807-1816.	3.3	62
20	Reduced Switch Count DC-Link AC-AC Five-Leg Converter. IEEE Transactions on Power Electronics, 2006, 21, 1301-1310.	5.4	59
21	Analysis of Main Topologies of Shunt Active Power Filters Applied to Four-Wire Systems. IEEE Transactions on Power Electronics, 2018, 33, 2100-2112.	5.4	58
22	Single-Phase to Single-Phase Full-Bridge Converter Operating With Reduced AC Power in the DC-Link Capacitor. IEEE Transactions on Power Electronics, 2010, 25, 272-279.	5.4	56
23	The Transformerless Single-Phase Universal Active Power Filter for Harmonic and Reactive Power Compensation. IEEE Transactions on Power Electronics, 2014, 29, 3563-3572.	5.4	54
24	Sensorless Control Technique for PWM Rectifiers With Voltage Disturbance Rejection and Adaptive Power Factor. IEEE Transactions on Industrial Electronics, 2015, 62, 1140-1151.	5.2	49
25	Fault-tolerant reversible ac motor drive system. IEEE Transactions on Industry Applications, 2003, 39, 1077-1084.	3.3	47
26	Dynamic Voltage Restorer Based on Three-Phase Inverters Cascaded Through an Open-End Winding Transformer. IEEE Transactions on Power Electronics, 2016, 31, 188-199.	5.4	46
27	Single-Phase to Three-Phase Drive System Using Two Parallel Single-Phase Rectifiers. IEEE Transactions on Power Electronics, 2010, 25, 1285-1295.	5.4	45
28	Linear parameter estimation for induction machines considering the operating conditions. IEEE Transactions on Power Electronics, 1999, 14, 62-73.	5.4	42
29	On-line estimation of the stator resistance of induction machines based on zero-sequence model. IEEE Transactions on Power Electronics, 2000, 15, 346-353.	5.4	41
30	Nonlinear parameter estimation of steady-state induction machine models. IEEE Transactions on Industrial Electronics, 1997, 44, 390-397.	5.2	40
31	Single-Phase AC-DC-AC Three-Level Three-Leg Converter. IEEE Transactions on Industrial Electronics, 2010, 57, 4075-4084.	5.2	39
32	Reduced Switch Count Multiple Three-Phase AC Machine Drive Systems. IEEE Transactions on Power Electronics, 2008, 23, 966-976.	5.4	38
33	Investigation on Dynamic Voltage Restorers With Two DC Links and Series Converters for Three-Phase Four-Wire Systems. IEEE Transactions on Industry Applications, 2016, 52, 1608-1620.	3.3	38
34	Virtual Flux Sensorless Control for Shunt Active Power Filters with Quasi-resonant Compensators. IEEE Transactions on Power Electronics, 2015, , 1-1.	5.4	35
35	Estimating the parameters of induction machines at standstill. IEEE Transactions on Energy Conversion, 2002, 17, 85-89.	3.7	34
36	Fault tolerant control of five-phase AC motor drive. , 0, , .		34

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37	Parameter sensitivity of MRAC models employed in IFO-controlled AC motor drive. IEEE Transactions on Industrial Electronics, 1997, 44, 536-545.	5.2	33
38	Transformerless Single-Phase Universal Active Filter With UPS Features and Reduced Number of Electronic Power Switches. IEEE Transactions on Power Electronics, 2016, 31, 4111-4120.	5.4	33
39	Real-time estimation of the electric parameters of an induction machine using sinusoidal PWM voltage waveforms. IEEE Transactions on Industry Applications, 2000, 36, 743-754.	3.3	32
40	Detection and compensation of switch faults in a three level inverter. , 0, , .		30
41	DC-Link Three-Phase-to-Three-Phase Four-Leg Converters. IEEE Transactions on Industrial Electronics, 2007, 54, 1953-1961.	5.2	29
42	Single-Phase-Input Reduced-Switch-Count AC-AC Drive Systems. IEEE Transactions on Industry Applications, 2008, 44, 789-798.	3.3	29
43	Six-Leg Single-Phase Multilevel Rectifier Inverter: PWM Strategies and Control. IEEE Transactions on Industry Applications, 2017, 53, 350-361.	3.3	29
44	Current control for induction motor drives using random PWM. IEEE Transactions on Industrial Electronics, 1998, 45, 704-712.	5.2	28
45	Reducing losses in three-phase PWM pulsed DC-link voltage-type inverter systems. IEEE Transactions on Industry Applications, 2002, 38, 1114-1122.	3.3	27
46	Single-phase ac-dc ac multilevel five-leg converter. IET Power Electronics, 2014, 7, 2733-2742.	1.5	27
47	A Carrier-Based PWM Technique for Capacitor Voltage Balancing of Single-Phase Three-Level Neutral-Point-Clamped Converters. IEEE Transactions on Industry Applications, 2015, 51, 3227-3235.	3.3	27
48	Single-Phase Converter With Shared Leg and Generalizations. IEEE Transactions on Power Electronics, 2018, 33, 4882-4893.	5.4	27
49	AC/AC converter with four switch three phase structures. , 0, , .		26
50	Disturbance-free operation of a six-phase ac motor drive system. , 0, , .		26
51	Six-Phase Machine Drive System With Reversible Parallel AC-DC-AC Converters. IEEE Transactions on Industrial Electronics, 2011, 58, 2049-2053.	5.2	26
52	Six-phase AC drive system with reduced common-mode voltage. , 0, , .		25
53	Reduced-Switch-Count Six-Leg Converters for Three-Phase-to-Three-Phase/Four-Wire Applications. IEEE Transactions on Industrial Electronics, 2007, 54, 963-973.	5.2	25
54	Single-Phase to Three-Phase Universal Active Power Filter. IEEE Transactions on Power Delivery, 2011, 26, 1361-1371.	2.9	25

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55	Series Compensator Based on Cascaded Transformers Coupled With Three-Phase Bridge Converters. IEEE Transactions on Industry Applications, 2017, 53, 1271-1279.	3.3	25
56	Modeling and analysis of six-phase induction machine under fault condition. , 2009, , .		24
57	Single-Phase to Three-Phase Converters With Two Parallel Single-Phase Rectifiers and Reduced Switch Count. IEEE Transactions on Power Electronics, 2016, 31, 3704-3716.	5.4	24
58	Cascaded Open-End Winding Transformer Based DVR. IEEE Transactions on Industry Applications, 2018, 54, 1490-1501.	3.3	24
59	Reversible AC Drive Systems Based on Parallel AC-AC DC-Link Converters. IEEE Transactions on Industry Applications, 2010, 46, 1456-1467.	3.3	23
60	Shunt Active Power Filter With Open-End Winding Transformer and Series-Connected Converters. IEEE Transactions on Industry Applications, 2015, 51, 3273-3283.	3.3	22
61	A hybrid PWM strategy for multilevel voltage source inverters. , 0, , .		21
62	Single-phase to three-phase four-leg converter applied to distributed generation system. IET Power Electronics, 2010, 3, 892.	1.5	21
63	Six-phase machine drive system with nine-switch converter. , 2011, , .		21
64	Suitable Single-Phase to Three-Phase AC-DC-AC Power Conversion System. IEEE Transactions on Power Electronics, 2015, 30, 860-870.	5.4	21
65	Hybrid Modular Multilevel DSCC Inverter for Open-End Winding Induction Motor Drives. IEEE Transactions on Industry Applications, 2017, 53, 1232-1242.	3.3	21
66	Single-Phase AC-DC-AC Multilevel Converter Based on H-Bridges and Three-Leg Converters Connected in Series. IEEE Transactions on Industry Applications, 2018, 54, 4696-4706.	3.3	21
67	Shunt Active Power Filter Based on Cascaded Transformers Coupled With Three-Phase Bridge Converters. IEEE Transactions on Industry Applications, 2017, 53, 4673-4681.	3.3	20
68	A New Three-Phase AC-DC-AC Multilevel Converter Based on Cascaded Three-Leg Converters. IEEE Transactions on Industry Applications, 2017, 53, 2210-2221.	3.3	20
69	Single-phase ac-dc ac topology for grid overvoltage and voltage harmonic mitigation. IET Power Electronics, 2017, 10, 1626-1637.	1.5	20
70	Single-phase induction motor drives systems. , 1999, , .		19
71	Multivariable load current sensorless controller for universal active power filter. IET Power Electronics, 2014, 7, 1777-1786.	1.5	19
72	PWM space vector based in digital scalar modulation. , 0, , .		18

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73	A High Performance Permanent Magnet Synchronous Motor Drive by using a Robust Adaptive Control Strategy. , 2007, , .		18
74	Reduced Switch-Count Six-Phase AC Motor Drive Systems Without Input Reactor. IEEE Transactions on Industrial Electronics, 2008, 55, 2024-2032.	5.2	18
75	Fault tolerance performance of dual- inverter- based six- phase drive system under single- , two- , and three- phase open- circuit fault operation. IET Power Electronics, 2018, 11, 212-220.	1.5	18
76	Three-Phase Four-Wire AC-DC-AC Multilevel Topologies Obtained From an Interconnection of Three-Leg Converters. IEEE Transactions on Industry Applications, 2018, 54, 4728-4738.	3.3	18
77	Fault Tolerance Performance of Two Hybrid Six-Phase Drive Systems Under Single-Phase Open-Circuit Fault Operation. IEEE Transactions on Industry Applications, 2019, 55, 2973-2983.	3.3	18
78	Robustness and Performance Analysis for the Linear Quadratic Gaussian/Loop Transfer Recovery with Integral Action Controller Applied to Doubly Fed Induction Generators in Wind Energy Conversion Systems. Electric Power Components and Systems, 2011, 40, 131-146.	1.0	17
79	Investigation of Three-Phase AC-DC-AC Multilevel Nine-Leg Converter. IEEE Transactions on Industry Applications, 2016, 52, 4156-4169.	3.3	17
80	Open-End Multilevel Six-Phase Machine Drive System With Five Three-Leg Converters. IEEE Transactions on Industry Applications, 2017, 53, 2271-2281.	3.3	17
81	Single-Phase AC-DC-AC Multilevel Converter for Grid Overvoltage Based on an H-Bridge Connected in Series to the Five-Leg Converter. IEEE Transactions on Industry Applications, 2018, 54, 4584-4593.	3.3	17
82	Transformer-Based Single-Phase AC-DC-AC Topology for Grid Issues Mitigation. IEEE Transactions on Industry Applications, 2019, 55, 4001-4011.	3.3	17
83	A Simplified Induction Machine Model to Study Rotor Broken Bar Effects and for Detection. , 0, , .		16
84	Short-Circuit Fault Mitigation in Six-Phase Induction Machine Drives. , 2007, , .		16
85	AC-AC single-phase DC-link converter with four controlled switches. , 2012, , .		16
86	AC-DC-AC Single-Phase Multilevel Six-Leg Converter With a Reduced Number of Controlled Switches. IEEE Transactions on Power Electronics, 2018, 33, 3023-3033.	5.4	16
87	Single-Phase Universal Active Power Filter Based on Four-Leg AC-DC-AC Converters. IEEE Transactions on Industry Applications, 2019, 55, 1639-1648.	3.3	16
88	Dual AC Drives with Five-Leg Converter. , 0, , .		15
89	A fast space-vector algorithm for multilevel converters without coordinates transformation. , 2010, , .		15
90	Single-Phase AC-AC Double-Star Chopper Cells (DSCC) Converter Without Common DC-Link Capacitor. IEEE Transactions on Industry Applications, 2015, 51, 4642-4652.	3.3	15

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91	Six-Leg Single-Phase AC-DC-AC Multilevel Converter With Transformers for UPS and UPQC Applications. IEEE Transactions on Industry Applications, 2020, 56, 5170-5181.	3.3	15
92	A Single-Phase ac-dc-ac Unidirectional Three-Leg Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 3876-3886.	5.2	15
93	Comparative study of pulsed DC-link voltage converters. IEEE Transactions on Power Electronics, 2003, 18, 1028-1033.	5.4	14
94	Three-Phase Four-Wire Inverters Based on Cascaded Three-Phase Converters With Four and Three Legs. IEEE Transactions on Industry Applications, 2017, 53, 5539-5552.	3.3	14
95	Parallel of Two Unidirectional AC-DC-AC Three-Leg Converters to Improve Power Quality. IEEE Transactions on Power Electronics, 2018, 33, 7782-7794.	5.4	14
96	Grid Harmonic Current Correction Based on Parallel Three-Phase Shunt Active Power Filter. IEEE Transactions on Power Electronics, 2021, , 1-1.	5.4	14
97	AC Motor Drives With a Reduced Number of Switches and Boost Inductors. IEEE Transactions on Industry Applications, 2007, 43, 30-39.	3.3	13
98	Flexible Series/Parallel AC-DC-AC Motor Drive System. IEEE Transactions on Industry Applications, 2015, 51, 259-270.	3.3	13
99	Shaping control strategies for active power filters. IET Power Electronics, 2018, 11, 175-181.	1.5	13
100	Dual Converter Connecting Open-End Doubly Fed Induction Generator to a DC-Microgrid. IEEE Transactions on Industry Applications, 2021, 57, 5001-5012.	3.3	13
101	Comparison of HF signal injection methods for sensorless control of PM synchronous motors. , 2010, , ,		12
102	A new PLL structure for single-phase grid-connected systems. , 2011, , ,		12
103	Open-end winding permanent magnet synchronous generator system with reduced controlled switch count. , 2013, , ,		12
104	Single-Phase to Three-Phase DC-Link Converters With Reduced Controlled Switch Count. IEEE Transactions on Industry Applications, 2014, 50, 1150-1160.	3.3	12
105	Single-phase universal active power filter based on AC/AC converters. , 2016, , ,		12
106	Investigation of a Single-Phase Multilevel Inverter Based on Series/Parallel-Connected H-Bridges. IEEE Transactions on Industry Applications, 2018, 54, 4707-4716.	3.3	12
107	Improved fault tolerance of active power filter system. , 0, , ,		11
108	Control of the Single-Phase to Three-Phase Four-leg Converter for Constant Frequency Output Voltage. , 0, , ,		11

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109	Reduced switch count multi-motor drive systems. , 2005, , .		11
110	Startup and Fault Tolerance of the SRM Drive with Three-Phase Bridge Inverter. , 0, , .		11
111	Synchronization method for asymmetrical bridgeless boost rectifier. , 2011, , .		11
112	Nonlinear virtual flux oriented control for sensorless active filters. , 2013, , .		11
113	Single-phase power compensation in a current source converter. , 2013, , .		11
114	Six-Phase Machine Conversion System With Three- and Single-Phase Series Converters. IEEE Transactions on Industry Applications, 2014, 50, 3846-3856.	3.3	11
115	Shunt Compensator Based on Interconnected Three-Phase Converter. IEEE Transactions on Power Electronics, 2015, 30, 6661-6671.	5.4	11
116	Y-Connected Three-Leg Converters Applied in Three or Four-Wire Shunt Compensator. IEEE Transactions on Industry Applications, 2016, 52, 3245-3254.	3.3	11
117	ACâ€“DCâ€“AC Three-Phase Converter Based on Three Three-Leg Converters Connected in Series. IEEE Transactions on Industry Applications, 2016, 52, 3171-3181.	3.3	11
118	Multilevel Reduced Controlled Switches ACâ€“DC Power Conversion Cells. IEEE Transactions on Industry Applications, 2017, 53, 2233-2244.	3.3	11
119	Single-Phase ACâ€“DCâ€“AC Three-Level Three-Leg Converter With Reduced Switch Count. IEEE Transactions on Power Electronics, 2020, 35, 2295-2307.	5.4	11
120	Capacitor Voltage Balancing for Single-Phase Asymmetric Cascaded H-Bridge Inverters. IEEE Transactions on Industry Applications, 2020, 56, 5129-5141.	3.3	11
121	PWM strategy for switching loss reduction in a high frequency link DC to AC converter. , 0, , .		10
122	Independent voltage control for series connected six-phase and three-phase induction machines. , 2008, , .		10
123	Open-end multi-level six-phase machine drive system with three three-phase DC-link converters. , 2014, , .		10
124	Investigation of power rectifier under non-sinusoidal input based on hybrid multilevel converter. , 2017, , .		10
125	Cascaded Transformer Multilevel Inverters With Asymmetrical Turns Ratios Based on NPC. IEEE Transactions on Industrial Electronics, 2020, 67, 6387-6397.	5.2	10
126	Unidirectional Asymmetric Hybrid Nine-Leg Rectifier With Floating H-Bridge Capacitors. IEEE Transactions on Power Electronics, 2021, 36, 1578-1590.	5.4	10

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127	Sensorless IFOC for single-phase induction motor drive system. , 2005, , .		9
128	A High Power Factor Three-Phase Three-Level Rectifier. , 2007, , .		9
129	Independent Voltage Control for Series-Connected Six- and Three-Phase Induction Machines. IEEE Transactions on Industry Applications, 2009, 45, 1286-1293.	3.3	9
130	Generalized Topologies of Multiple Single-Phase Motor Drives. IEEE Transactions on Energy Conversion, 2010, 25, 90-99.	3.7	9
131	Fault tolerant acâ€“dcâ€“ac single-phase to three-phase converter. IET Power Electronics, 2011, 4, 1023.	1.5	9
132	Component Minimized ACâ€“DCâ€“AC Single-Phase to Three-Phase Four-Wire Converters. IEEE Transactions on Industrial Electronics, 2011, 58, 4624-4635.	5.2	9
133	Hybrid PWM strategy for voltage source inverters feeding three-phase open-end-winding equipment. , 2012, , .		9
134	Sensorless current shaping control technique for shunt active filters. , 2014, , .		9
135	Three-Phase-to-Three-Phase AC/AC DC-Link Five-Leg Converters Based on Three- and Two-Level Legs. IEEE Transactions on Industry Applications, 2015, 51, 521-530.	3.3	9
136	Multilevel Converter Based on Cascaded Three-Leg Converters with Reduced Voltage and Current. IEEE Transactions on Industry Applications, 2017, 53, 4682-4694.	3.3	9
137	A Bridgeless Controlled Rectifier for Single Split-Phase Systems. IEEE Transactions on Industry Applications, 2017, 53, 4708-4717.	3.3	9
138	Six-Leg Single-Phase to Three-Phase Converter. IEEE Transactions on Industry Applications, 2017, 53, 5527-5538.	3.3	9
139	Single-phase universal active power filter with five-leg AC/DC/AC converter. , 2017, , .		9
140	Single-phase AC-DC-AC topology for grid voltage compensation. , 2017, , .		9
141	Capacitor Voltage Balancing Techniques of Single-Phase Cascaded H-Bridge Inverters. , 2018, , .		9
142	A Unidirectional Single-Phase ACâ€“DCâ€“AC Three-Level Three-Leg Converter. IEEE Transactions on Industry Applications, 2019, 55, 1708-1716.	3.3	9
143	Grid-Connected Induction Motor Using a Floating DC-Link Converter Under Unbalanced Voltage Sag. IEEE Transactions on Industry Applications, 2021, 57, 1609-1618.	3.3	9
144	Two fault tolerant control strategies for shunt active power filter systems. , 0, , .		8

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145	DC-Link Single-Phase to Single-Phase Half-Bridge Converter Operating with Reduced Capacitor Current and AC Capacitor Power. , 0, , .		8
146	DC-link regulator for Shunt Power Active Filter using feed-forward control strategy. , 2011, , .		8
147	An integration algorithm for induction motor stator flux estimation with DC offset compensation. , 2011, , .		8
148	Series compensator based on cascaded transformers coupled with three-phase bridge converters. , 2015, , .		8
149	Wind energy conversion system based on DFIG with series grid side converter without transformer. , 2017, , .		8
150	Alternative Breed of Three-Phase Four-Wire Shunt Compensators Based on the Cascaded Transformer With Single DC Link. IEEE Transactions on Industry Applications, 2018, 54, 2492-2505.	3.3	8
151	Hybrid Asymmetric Cascaded Multilevel Inverters Based on Three- and Nine-Level H-Bridges. IEEE Transactions on Industry Applications, 2019, 55, 6047-6060.	3.3	8
152	Asymmetrical Cascaded Three-Phase AC-DC Converters With Injection Transformers. IEEE Transactions on Industry Applications, 2019, 55, 2800-2812.	3.3	8
153	Vienna Rectifiers for WECS Applications With Open-End Winding PMSM. IEEE Transactions on Industry Applications, 2022, 58, 2268-2279.	3.3	8
154	The influence of the slip and the speed in the parameter estimation of induction machines. , 0, , .		7
155	Parameter estimation of induction machines under sinusoidal PWM excitation. IEEE Transactions on Energy Conversion, 1999, 14, 1218-1223.	3.7	7
156	Eliminating the common-mode voltage in AC drive systems using a four-phase machine. , 0, , .		7
157	Improved Power Factor Interleaved Boost Converters Operating in Discontinuous-Inductor-Current Mode. , 0, , .		7
158	A New Approach for Inter-Turn Short-Circuit Detection in Six-Phase Induction Motor. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	7
159	Soft-starting techniques for low cost single-phase to three-phase drive system configuration. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	7
160	Three-phase series active power filter without DC voltage source. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	7
161	Distributed generation system based on single-phase grid, induction generator and solar photovoltaic panel. IEEE Applied Power Electronics Conference and Exposition, 2008, , .	0.0	7
162	Active power line conditioner applied to single-phase to three-phase systems. , 2009, , .		7

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163	DVR with open-end winding transformer. , 2011, , .		7
164	Evaluating circuit topologies for battery charge equalization. , 2013, , .		7
165	Shunt compensator based on three-phase interconnected converters. , 2013, , .		7
166	Hybrid multilevel inverter system for Open-End Winding (OEW) induction motor drive based on Double-Star Chopper-Cells (DSCC) converter. , 2015, , .		7
167	Open-End Nine-Phase Machine Conversion Systems. IEEE Transactions on Industry Applications, 2017, 53, 2329-2341.	3.3	7
168	Three-Phase Unidirectional Rectifiers With Open-End Source and Cascaded Floating Capacitor H-Bridges. IEEE Transactions on Industry Applications, 2018, 54, 2534-2549.	3.3	7
169	Open-End Unidirectional Topologies With Reduced Controlled Switch Count. IEEE Transactions on Industry Applications, 2019, 55, 2833-2844.	3.3	7
170	Multilevel Single-Phase Converter With Two DC Links. IEEE Transactions on Industrial Electronics, 2020, 67, 10346-10355.	5.2	7
171	A Four-Switch Five-Level Inverter. IEEE Transactions on Industrial Electronics, 2021, 68, 12109-12118.	5.2	7
172	Unified power quality conditioner with shared legs and high-frequency transformer. , 2020, , .		7
173	Three-Phase Unified Power Quality Conditioner Based on High-Frequency Link. IEEE Transactions on Industry Applications, 2022, 58, 6397-6407.	3.3	7
174	Characterization of induction machines with a genetic algorithm. , 0, , .		6
175	Reconfigurable Fault Tolerant Dual-Winding AC Motor Drive System. , 0, , .		6
176	A PWM Strategy with Reduced Bearing Currents for Five-Phase Motors. , 2007, , .		6
177	Three-Phase Series Active Power Filter Without Isolation Transformer and Active DC Source. , 2009, , .		6
178	Parallel connection of two single-phase ac-dc-ac three-leg converter with interleaved technique. , 2012, , .		6
179	AC-DC-AC six-phase machine drive system based on single-phase bridge converters. , 2013, , .		6
180	Hybrid open-end and NPC AC six-phase machine drive systems. , 2014, , .		6

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181	Parallel single-phase ac-dc shared-leg converters: Modelling, control and analysis. International Journal of Electrical Power and Energy Systems, 2014, 61, 27-38.	3.3	6
182	New single-phase universal active power filter topology with UPS features and reduced number of components. , 2015, , .		6
183	Sensorless PWM rectifiers with active filter action. , 2015, , .		6
184	Low-Power Energy Conversion Systems With Two-Phase PM Machine and a Rectifier With Reduced Number of Controlled Switches. IEEE Transactions on Industry Applications, 2016, 52, 2332-2339.	3.3	6
185	Low-Power Energy Generation Systems for Two-Phase PM Machine With Reduced-Switch-Count Controlled Switches. IEEE Transactions on Industry Applications, 2017, 53, 2320-2328.	3.3	6
186	Hybrid Single-Phase AC-AC Modular Multilevel DSCC Converters With Modulation and DC-Link Voltage Ripple Improvement. IEEE Transactions on Industry Applications, 2017, 53, 261-272.	3.3	6
187	A Single-Phase 35-levels Cascaded PUC Multilevel Inverter Fed by a Single DC-Source. , 2021, , .		6
188	Current control for a random PWM voltage source inverter. , 0, , .		5
189	A three-leg voltage source inverter for two-phase AC motor drive systems. , 0, , .		5
190	On-line estimation of the stator resistance of a six-phase induction machine. , 0, , .		5
191	Online Estimation of the Stator Resistance and Leakage Inductance of a Four-Phase Induction Machine Drive. IEEE Transactions on Power Electronics, 2004, 19, 10-15.	5.4	5
192	Single-phase to Three-phase-Four-Wire AC-AC Component Minimized Converters Without Capacitor DC-Bus Mid-point Connection. , 0, , .		5
193	AC Drive Systems Using Five-Leg Converter and Series-Connected Machines. , 2005, , .		5
194	A low investment single-phase to three-phase converter operating with reduced losses. , 2010, , .		5
195	Six-phase machine drive system based on three three-leg converters. , 2013, , .		5
196	Unidirectional rectifier based on hybrid modular multilevel cascade converter — Double-star chopper-cells. , 2013, , .		5
197	AC-DC-AC multilevel converters based on three-leg converters. , 2013, , .		5
198	Active Power Line Conditioner based on Modular Multilevel Cascade Converter - Double-Star Chopper-Cells. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
199	One and two DC-links universal active power filter without series isolation transformer. , 2014, , .		5
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