Yongdong Li

List of Publications by Year
in descending order

228 papers	4,136 citations	201385 27 h-index	155451 55 g-index
229 all docs	229 docs citations	229 times ranked	3178 citing authors

#	Article	IF	Citations
1	Voltage Balancing and Fluctuation-Suppression Methods of Floating Capacitors in a New Modular Multilevel Converter. IEEE Transactions on Industrial Electronics, 2013, 60, 1943-1954.	5.2	321
2	Online Identification of Permanent Magnet Flux Based on Extended Kalman Filter for IPMSM Drive With Position Sensorless Control. IEEE Transactions on Industrial Electronics, 2012, 59, 4169-4178.	5.2	249
3	A Hybrid Cascaded Multilevel Converter for Battery Energy Management Applied in Electric Vehicles. IEEE Transactions on Power Electronics, 2014, 29, 3537-3546.	5.4	216
4	DC-link Voltage Control of a Full Power Converter for Wind Generator Operating in Weak-Grid Systems. IEEE Transactions on Power Electronics, 2009, 24, 2178-2192.	5.4	190
5	Torque Ripple Reduction of the Torque Predictive Control Scheme for Permanent-Magnet Synchronous Motors. IEEE Transactions on Industrial Electronics, 2012, 59, 871-877.	5.2	171
6	Modeling and Control of a Multiport Power Electronic Transformer (PET) for Electric Traction Applications. IEEE Transactions on Power Electronics, 2016, 31, 915-927.	5.4	159
7	Capacitor Voltage Balancing of a Five-Level ANPC Converter Using Phase-Shifted PWM. IEEE Transactions on Power Electronics, 2015, 30, 1147-1156.	5.4	142
8	Neutral-Point Potential Balancing of a Five-Level Active Neutral-Point-Clamped Inverter. IEEE Transactions on Industrial Electronics, 2013, 60, 1907-1918.	5.2	135
9	Reduction of Common-Mode Voltage in Multiphase Two-Level Inverters Using SPWM With Phase-Shifted Carriers. IEEE Transactions on Power Electronics, 2016, 31, 6631-6645.	5.4	103
10	A Transformer-Less High-Power Converter for Large Permanent Magnet Wind Generator Systems. IEEE Transactions on Sustainable Energy, 2012, 3, 318-329.	5.9	88
11	Hierarchical System Design and Control of an MMC-Based Power-Electronic Transformer. IEEE Transactions on Industrial Informatics, 2017, 13, 238-247.	7.2	79
12	Topology and Capacitor Voltage Balancing Control of a Symmetrical Hybrid Nine-Level Inverter for High-Speed Motor Drives. IEEE Transactions on Industry Applications, 2017, 53, 5563-5572.	3.3	64
13	Control of variable pitch and variable speed directâ€drive wind turbines in weak grid systems with active power balance. IET Renewable Power Generation, 2014, 8, 119-131.	1.7	63
14	Improved Crowbar Control Strategy of DFIG Based Wind Turbines for Grid Fault Ride-Through. , 2009, , .		59
15	An Improved Model Predictive Direct Torque Control Strategy for Reducing Harmonic Currents and Torque Ripples of Five-Phase Permanent Magnet Synchronous Motors. IEEE Transactions on Industrial Electronics, 2019, 66, 5820-5829.	5.2	59
16	A Generalized Carrier-Overlapped PWM Method for Neutral-Point-Clamped Multilevel Converters. IEEE Transactions on Power Electronics, 2020, 35, 9095-9106.	5.4	55
17	Interior Permanent-Magnet Synchronous Motor Design for Improving Self-Sensing Performance at Very Low Speed. IEEE Transactions on Industry Applications, 2009, 45, 1939-1946.	3.3	54
18	A Novel Carrier-Overlapped PWM Method for Four-Level Neutral-Point Clamped Converters. IEEE Transactions on Power Electronics, 2019, 34, 7-12.	5.4	53

#	Article	IF	Citations
19	Enhancing Fault-Tolerant Ability of a Nine-Phase Induction Motor Drive System Using Fuzzy Logic Current Controllers. IEEE Transactions on Energy Conversion, 2017, 32, 759-769.	3.7	52
20	Analysis and Suppression of Shaft Voltage in SiC-Based Inverter for Electric Vehicle Applications. IEEE Transactions on Power Electronics, 2019, 34, 6276-6285.	5.4	48
21	Topology and Control of a Five-Level Hybrid-Clamped Converter for Medium-Voltage High-Power Conversions. IEEE Transactions on Power Electronics, 2018, 33, 4690-4702.	5.4	40
22	A Converter-Based Starting Method and Speed Control of Doubly Fed Induction Machine With Centrifugal Loads. IEEE Transactions on Industry Applications, 2011, 47, 1409-1418.	3.3	39
23	Stability and Voltage Balance Control of a Modular Converter With Multiwinding High-Frequency Transformer. IEEE Transactions on Power Electronics, 2014, 29, 4183-4194.	5.4	39
24	Adaptive Multi-Mode Power Control of a Direct-Drive PM Wind Generation System in a Microgrid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2013, 1, 217-225.	3.7	38
25	Modeling of a virtual synchronous machine-based grid-interface converter for renewable energy systems integration. , 2014, , .		38
26	PI type dynamic decoupling control scheme for PMSM high speed operation. , 2010, , .		37
27	An Optimized Carrier-Based PWM Method and Voltage Balancing Control for Five-Level ANPC Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 9120-9132.	5.2	37
28	An Online Global Fault-Tolerant Control Strategy for Symmetrical Multiphase Machines With Minimum Losses in Full Torque Production Range. IEEE Transactions on Power Electronics, 2020, 35, 2819-2830.	5.4	34
29	A direct torque control of induction motor based on three-level NPC inverter. , 0, , .		33
30	Sensorless control of PMSM based on extended kalman filter. , 2007, , .		32
31	State Estimation for Situational Awareness of Active Distribution System With Photovoltaic Power Plants. IEEE Transactions on Smart Grid, 2021, 12, 239-250.	6.2	31
32	Analysis and design of virtual synchronous machine based STATCOM controller. , 2014, , .		30
33	Optimized Branch Current Control of Modular Multilevel Matrix Converters Under Branch Fault Conditions. IEEE Transactions on Power Electronics, 2018, 33, 4578-4583.	5.4	29
34	Stability Analysis of Power Systems With Multiple STATCOMs in Close Proximity. IEEE Transactions on Power Electronics, 2020, 35, 2268-2283.	5.4	29
35	Energy management of hybrid DC and AC bus linked microgrid. , 2010, , .		27
36	Modeling and control of grid-connected voltage-source converters emulating isotropic and anisotropic synchronous machines. , 2015, , .		26

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37	A Sawtooth Carrier-Based PWM for Asymmetrical Six-Phase Inverters With Improved Common-Mode Voltage Performance. IEEE Transactions on Power Electronics, 2018, 33, 9444-9458.	5.4	26
38	Time Domain Analysis of Reactive Components and Optimal Modulation for Isolated Dual Active Bridge DC/DC Converters. IEEE Transactions on Power Electronics, 2019, 34, 7143-7146.	5.4	25
39	Current Balance Control for Symmetrical Multiphase Inverters. IEEE Transactions on Power Electronics, 2016, 31, 4005-4012.	5.4	24
40	Improved Interleaved Discontinuous PWM for Zero-Sequence Circulating Current Reduction in Three-Phase Paralleled Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 8676-8686.	5.2	24
41	A Modified PSPWM for a Five-Level Hybrid-Clamped Inverter to Reduce Flying Capacitor Size. IEEE Transactions on Industry Applications, 2019, 55, 1658-1666.	3.3	23
42	A Fuzzy Approximation for FCS-MPC in Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 9153-9163.	5.4	23
43	A control method for grid-friendly photovoltaic systems with hybrid energy storage units. , 2011, , .		22
44	A Comprehensive Study of Common Mode Voltage Reduction and Neutral Point Potential Balance for a Back-to-Back Three-Level NPC Converter. IEEE Transactions on Power Electronics, 2020, 35, 7910-7920.	5.4	22
45	Voltage balancing control and experiments of a novel modular multilevel converter. , 2010, , .		21
46	Evaluation and control design of virtual-synchronous-machine-based STATCOM for grids with high penetration of renewable energy. , 2014, , .		21
47	A High-Step-Up Low-Ripple and High-Efficiency DC-DC Converter for Fuel-Cell Vehicles. IEEE Transactions on Power Electronics, 2022, 37, 3555-3569.	5.4	21
48	Application of self-adjusting fuzzy controller in a vector-controlled induction motor drive. , 0, , .		20
49	A novel control algorithm for cascade shunt active power filter. , 0, , .		19
50	Control strategies of DC-bus voltage in islanded operation of microgrid. , 2011, , .		19
51	Enhanced rotor fieldâ€oriented control of multiphase induction machines based on symmetrical components theory. IET Power Electronics, 2019, 12, 656-666.	1.5	18
52	Analysis and Control of Three-Phase Modular Multilevel Converters Under the Single Arm Fault Condition. IEEE Transactions on Power Electronics, 2019, 34, 8293-8298.	5.4	18
53	Loss Imbalance and Transient DC-Bias Mitigation in Dual-Active-Bridge DC/DC Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1399-1409.	3.7	18
54	Optimal Fault-Tolerant Control of Multiphase Drives Under Open-Phase/Open-Switch Faults Based on DC Current Injection. IEEE Transactions on Power Electronics, 2022, 37, 5928-5936.	5.4	18

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55	System-Level Efficiency Evaluation of Isolated DC/DC Converters in Power Electronics Transformers for Medium-Voltage DC Systems. IEEE Access, 2019, 7, 48445-48458.	2.6	17
56	A Dual-Active-Clamp Quasi-Resonant Isolated Boost Converter for PV Integration to Medium-Voltage DC Grids. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3444-3456.	3.7	17
57	A new transformerless cascaded multilevel converter topology. , 2009, , .		16
58	Online Estimation of Per-Phase Stator Resistance Based on DC-Signal Injection for Condition Monitoring in Multiphase Drives. IEEE Transactions on Industrial Electronics, 2022, 69, 2227-2239.	5.2	16
59	General Analytical Model and Optimization for Leakage Inductances of Medium-Frequency Transformers. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 3511-3524.	3.7	15
60	Two Signal Injection Methods for Sensorless Control of PMSM at Very Low Speeds. , 2007, , .		13
61	Fuel cell applications on more electrical aircraft. , 2014, , .		13
62	A Modular Cascaded Multilevel Buck Converter Based on GaN Devices Designed for High Power Envelope Elimination and Restoration Applications. , 2018, , .		13
63	Analysis of STATCOM Small-Signal Impedance in the Synchronous d-q Frame. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1894-1910.	3.7	13
64	PWM rectifier in power cell of cascaded H-bridge multilevel converter. , 2007, , .		13
65	A Generalized Simplified Virtual Vector PWM to Balance the Capacitor Voltages of Multilevel Diode-Clamped Converters. IEEE Transactions on Power Electronics, 2022, 37, 9377-9391.	5.4	13
66	A three-level speed sensor-less DTC drive of induction motor based on a full-order flux observer. , 0, , .		12
67	Voltage fluctuation suppression method of floating capacitors in a new modular multilevel converter. , 2011, , .		12
68	A branch energy control method based on optimized neutral-point voltage injection for a hexagonal modular multilevel direct converter (Hexverter). , 2015, , .		12
69	Impedance-based stability analysis of multiple STATCOMs in proximity. , 2016, , .		12
70	A New Control Strategy for Modular Multilevel Converter Operating in Quasi Two-Level PWM Mode. , 2018, , .		12
71	Permanent magnet synchronous machine starter/generators based highâ€voltage DC parallel electric power system for the more electric aircraft. Journal of Engineering, 2018, 2018, 565-569.	0.6	12
72	Current Discrepancy Mitigation of Input-Parallel Output-Parallel Dual-Active-Bridge Converters Using Coupled Inductors. IEEE Transactions on Industrial Electronics, 2021, 68, 8182-8192.	5.2	12

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73	A Quasi-Two-Level Medium-Voltage SiC MOSFET Power Module With Low Loss and Voltage Self-Balance. IEEE Transactions on Power Electronics, 2022, 37, 519-533.	5.4	12
74	Virtual vectors based predictive control of torque and flux of induction motor and speed sensorless drives. , 0, , .		11
75	A speed fluctuation reduction method for sensorless PMSM-compressor system. , 2005, , .		11
76	An energy router based on multi-winding high-frequency transformer. , 2016, , .		11
77	230 VAC/28 VDC highâ€power density power supply for more electric aircraft applications. Journal of Engineering, 2018, 2018, 499-505.	0.6	11
78	A novel implementation of SVPWM algorithm and its application to three-phase power converter. , 0, , .		10
79	A novel hybrid-clamped four-level converter. , 2012, , .		10
80	A common-mode voltage reduction method for a back-to-back four-level hybrid-clamped converter. , 2015, , .		10
81	Active and reactive power flow analysis of a STATCOM with virtual synchronous machine control. , 2015, , .		10
82	Impact of PV inverter penetration on voltage profile and power loss in medium voltage distribution systems. , 2016, , .		10
83	A Fast Multilevel SVPWM Method Based on the Imaginary Coordinate With Direct Control of Redundant Vectors or Zero Sequence Components. IEEE Open Journal of the Industrial Electronics Society, 2020, 1, 355-366.	4.8	10
84	A neutral-point potential balancing algorithm for five-level ANPC converters. , 2011, , .		9
85	Multi-objective optimization PWM control for a back-to-back five-level ANPC converter. , 2012, , .		9
86	Novel adaptive power control of a Direct-drive PM wind generation system in a micro grid. , 2012, , .		9
87	High Performance PMSM Sensorless Control with Load Torque Observation. , 2007, , .		8
88	High-Performance Control Strategies and Applications of a New Hybrid Cascaded Multilevel Inverter. , 2008, , .		8
89	A novel position sensor-less control scheme of Doubly Fed Induction Wind Generator based on MRAS method. , 2008, , .		8
90	A transformerless modular permanent magnet wind generator system with minimum generator coils. , 2010, , .		8

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91	Composite converter of hybrid storage in distributed renewable energy generation system. , 2011, , .		8
92	A new five-level hybrid-clamped converter with reduced number of clamping devices. , 2014, , .		8
93	Accurate frequencyâ€domain analysis and hybrid control method for isolated dual active bridge series resonant DC/DC converters. IET Power Electronics, 2019, 12, 2932-2941.	1.5	8
94	Power flow management of a new hybrid cascaded multilevel inverter. , 2007, , .		8
95	Parasitic Parameter Extraction and Identification Method for HFT Based on DC-DC Converter in EV Application. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 4303-4318.	3.7	8
96	Predictive direct torque control strategies of induction motor based on area voltage vectors table. , 0, , .		7
97	Investigation of Control Method for a New Hybrid Cascaded Multilevel Inverter. , 2007, , .		7
98	Control of variable pitch, variable speed wind turbine in weak grid systems. , 2010, , .		7
99	Module-capacitor voltage fluctuation optimization control for an alternate arm converter. , 2015, , .		7
100	A symmetrical hybrid nine-level inverter for high speed open-winding motor drive system. , 2016, , .		7
101	A modular DC solid state transformer for future onboard DC grid. , 2016, , .		7
102	Research on Output Voltage Modulation of a Five-Level Matrix Converter. IEEE Transactions on Power Electronics, 2017, 32, 2568-2583.	5.4	7
103	Assessment of Virtual Synchronous Machine based Control in Grid-Tied Power Converters. , 2018, , .		7
104	Open-Loop Gate Control for Optimizing the Turn-ON Transition of SiC MOSFETs. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 1126-1136.	3.7	7
105	A Comprehensive Framework for Robust AC/DC Grid State Estimation Against Measurement and Control Input Errors. IEEE Transactions on Power Systems, 2022, 37, 1067-1077.	4.6	7
106	Fault Detection and Tolerant Control of IGBT Open-Circuit Failures in Modular Multilevel Matrix Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 6714-6727.	3.7	7
107	Fully digital implementation of PMSM servo based on a novel current control strategy. , 0, , .		6
108	A novel control strategy for brushless DC motor drive with low torque ripples. , 2005, , .		6

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109	Control strategy of a multi-level converter with multi-winding MFT/HFT isolation. , 2014, , .		6
110	A novel medium-frequency-transformer isolated matrix converter for wind power conversion applications. , 2014, , .		6
111	Control strategies of a multiport power electronic transformer (PET) for DC distribution applications. , 2015, , .		6
112	Application of D-Q frame impedance-based stability criterion in power systems with multiple STATCOMs in proximity. , 2017, , .		6
113	Multi-mode SHEPWM with low switch frequency for traction application. , 2017, , .		6
114	Shunt Isolated Active Power Filter With Common DC Link Integrating Braking Energy Recovery in Urban Rail Transit. IEEE Access, 2019, 7, 39180-39191.	2.6	6
115	A High Step-Up Modular Isolated DC-DC Converter for Large Capacity Photovoltaic Generation System Integrated into MVDC Grids. , 2019, , .		6
116	Optimization of medium-frequency transformers with large capacity and high insulation requirement. , 2020, , .		6
117	A Generalized, Fast and Robust Open-Circuit Fault Diagnosis Technique for Star-connected Symmetrical Multiphase Drives. IEEE Transactions on Energy Conversion, 2022, , 1-1.	3.7	6
118	Applications of induction motor drive based on DTC in railway traction. , 0, , .		5
119	Comparison of signal injection methods for sensorless control of PMSM at very low speeds. , 2007, , .		5
120	Application and challenges of power electronics for variable frequency electric power system of more electric aircraft. , 2011, , .		5
121	A new adaptive flux weakening method of PMSM. , 2011, , .		5
122	Parameter identification of nine-phase induction machines with concentrated windings. , 2014, , .		5
123	A capacitor voltage balancing strategy for a five-level hybrid-clamped inverter. , 2015, , .		5
124	Synchronous SVPWM over-modulation method based on zero-sequence voltage injection in locomotive traction. , 2016, , .		5
125	An offsetâ€free robust model predictive control with incremental model and improved current observer for induction motor. International Transactions on Electrical Energy Systems, 2019, 29, e12130.	1.2	5
126	Speed sensor-less direct torque control of an induction machine in low speed region. , 0, , .		4

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127	Speed sensorless DTC and parameter estimation of induction motor based on a full-order MRAS method. , 0, , .		4
128	Identification of rotor resistance for induction motor with injection of torque disturbance. , 0, , .		4
129	Novel speed sensorless vector control with adaptive rotor flux identification of induction motors. , 0, , .		4
130	Predictive Control of Torque and Flux of Induction Motor Drives. , 0, , .		4
131	Voltage balancing control of a four-level hybrid-clamped inverter using modified phase-shifted PWM. , 2013, , .		4
132	A novel MPC flux weakening method for induction motor applied in electric wheel. , 2013, , .		4
133	PWM strategy of a novel cascaded multi-level converter for battery management. , 2014, , .		4
134	Stability assessment of utility PV integration to the distributed systems based on D-Q frame impedances and GNC. , 2017, , .		4
135	General modulation optimization methods of dual-active-bridge (DAB) converters. , 2017, , .		4
136	Research on Topology and Control of Household Energy Routers Based on Direct AC/AC Power Electronic Transformer. , 2018, , .		4
137	Onboard DC Solid State Transformer Based on Series Resonant Dual Active Bridge Converter. , 2018, , .		4
138	A Novel Hybrid T-Type Three-Level Inverter Based on SVPWM for PV Application. Journal of Electrical and Computer Engineering, 2018, 2018, 1-12.	0.6	4
139	Online Parameter Identification for Surface-Mounted Permanent Magnet Synchronous Machine Based on Affine Projection Algorithm. , 2019, , .		4
140	An Active Gate Driver for Suppressing the Current Oscillation of SiC MOSFET. , 2021, , .		4
141	SHE-PWM Control for A Four-level Hybrid-Clamped Inverter. , 2019, , .		4
142	Submodule Fault-Tolerant Control of Modular Multilevel Matrix Converters With Adaptive Optimum Common-Mode Voltage Injection. IEEE Transactions on Power Electronics, 2022, 37, 7548-7554.	5.4	4
143	Predictive control of torque and flux of induction motor with an improved stator flux estimator. , 0, , .		3
144	A Common-Mode Voltage Mitigation Method Based on the Universal PWM Algorithm for Neutral Point Clamped Converters. , 2009, , .		3

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145	Sensor-less Drive of Induction Motor Based on A New Hybrid Cascaded Multilevel Inverter. , 2009, , .		3
146	PIR-based control for three-phase PWM rectifier with H-bridge load. , 2009, , .		3
147	Low Voltage Ride-Through of high power DFIG wind turbine using three-level NPC converters. , 2009, , .		3
148	Modeling and control strategy for cascade bi-directional DC/DC converter in Microgrid. , 2012, , .		3
149	Power balancing control of a multilevel converter using high-frequency multi-winding transformer. , 2012, , .		3
150	Comparison of four carrier-based PWM methods for two-level five-phase inverter. , 2014, , .		3
151	Power characteristics of isolation units in a novel power electronic transformer (PET) for locomotive traction applications. , 2014, , .		3
152	A carrier-based PWM method with zero-sequence current elimination for multiphase double-end winding drives. , 2015, , .		3
153	Fuzzy Logic Vector Control design for fault-tolerant control of a 15-phase induction machine. , 2015, , .		3
154	Design, analysis and experimental evaluation of a virtual-synchronous-machine-based STATCOM with LCL filter. , 2015, , .		3
155	Capacitor design optimization and power balance control for LLC resonant converter based power electronic traction transformer. , 2016, , .		3
156	Analysis of small-signal impedance of STATCOMs in D-Q frame. , 2017, , .		3
157	Common-mode voltage reduction for three-phase-to-four-leg direct matrix converter with a novel control strategy. , 2017, , .		3
158	Analysis and Suppression of Common Mode Voltage for SiC Inverters in Electric Vehicle Applications. , 2018, , .		3
159	Research on threeâ€phase fourâ€leg matrix converter based more electric aircraft wing ice protection system. Journal of Engineering, 2018, 2018, 529-533.	0.6	3
160	A robust offset-free model predictive current control for induction motor based on incremental model and incremental current observer. , 2019, , .		3
161	Common Mode Voltage and Neutral Point Potential Optimization Control for a Three-Level NPC Inverter. , 2019, , .		3
162	Voltage-oriented vector control of induction motor: principle and performance improvement. , 0, , .		2

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163	A doubly fed induction machine based solution to medium frequency power supply. , 2009, , .		2
164	Balance control of DC-link voltage between phases for cascade active power filter with star configuration. , 2011, , .		2
165	A novel voltage balancing method of cascaded H-bridge rectifiers for locomotive traction applications. , 2013, , .		2
166	Capacitor voltage balancing of five-level ANPC converter based on zero-sequence voltage injection using PS-PWM. , 2013, , .		2
167	A Fuzzy logic based parameter auto-tuning method in MRAS for sensorless interior permanent magnet synchronous motor drives with cyclic fluctuating load. , 2013, , .		2
168	A novel modulation with voltage balancing control for a modular matrix converter. , 2014, , .		2
169	Assessment of medium voltage distribution feeders under high penetration of PV generation. , 2015, , .		2
170	Experimental verification of a virtual synchronous generator control concept. , 2016, , .		2
171	Semi-physical real-time test platform for aviation power system. , 2017, , .		2
172	Rotror flux-Oriented Control of PMSM with synchronized carrier SVPWM and zero sequence voltage injection over-modulation for traction application in very low switching frequency. , 2017, , .		2
173	Stability analysis on D-Q frame impedances in power systems with multiple STATCOMs in proximity. , 2017, , .		2
174	PET applicable to 3-phase medium-voltage AC grid with DC bus self-balancing capacity. , 2017, , .		2
175	Sensorless fault-tolerant control of multiphase induction machine using virtual winding and adaptive observer. , 2017, , .		2
176	An Improved Phase-Shifted PWM for a Five-level Hybrid-Clamped Converter. , 2018, , .		2
177	A Modular Multilevel T-Type Inverter Based on SVPWM for PV System Application. , 2018, , .		2
178	A Modular-Cascaded Active-Balanced Storage System for Electric Transportation. , 2018, , .		2
179	Hardwareâ€inâ€theâ€loop realâ€time platform for more electric aircraft. Journal of Engineering, 2018, 2018, 446-452.	0.6	2
180	Phaseâ€shift full bridge power supply based on SiC devices. Journal of Engineering, 2018, 2018, 453-460.	0.6	2

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181	A High-Efficiency GaN-based Transmitter for Wireless Power Transfer System. , 2019, , .		2
182	Analysis and Control of Current Harmonics in Multiphase Machines in Fault-tolerant Operation against Open-phase Faults. , 2019, , .		2
183	Hybrid Dynamic Voltage Balancing Technique for Series-Connected SiC MOSFETs. , 2019, , .		2
184	A Neutral-Point Potential Balancing Method for a Three-Level Neutral-Point-Clamped Back-to-Back Converter. , 2019, , .		2
185	Zero Sequence Circulating Current Reduction of Paralleled Converters With Interleaved Discontinuous PWM. , 2019, , .		2
186	Switching Losses Reduction of Grid-tied Inverters With Variable Switching Frequency Discontinuous PWM. , 2019, , .		2
187	A novel stator-flux oriented speed sensorless induction motor control system using flux tracking strategy. , 1999, , .		1
188	Design and implementation of load imitation system by DC motor. , 2005, , .		1
189	Stability analysis of doubly-fed induction wind generator operating at low power factor mode. , 2008, , .		1
190	A converter based adjustable speed drive for doubly fed induction machine with centrifugal loads. , 2009, , .		1
191	Direct power control of doubly-fed-induction-generator-based wind turbines under asymmetrical grid voltage dips. , 2012, , .		1
192	Voltage balance control of a modular cascaded converter with MWHF transformer. , 2013, , .		1
193	Control strategy of the modular Multilevel Matrix Converter. , 2014, , .		1
194	A hybrid converter for energy management of EV drives. , 2015, , .		1
195	Multi-objective optimization control of a four-level hybrid-clamped inverter. , 2015, , .		1
196	Impact of PV inverter generation on voltage profile and power loss in medium voltage distribution systems. , 2016, , .		1
197	An envelope tracking power amplifier based on GaN HEMTs. , 2016, , .		1
198	Capacitor voltage estimation method of a symmetrical hybrid nine-level inverter with reduced voltage sensors. , 2017, , .		1

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199	Fault-tolerant control of multiphase induction machine drives based on virtual winding method. , 2017, , .		1
200	AC impedance derivation of utility scale PV farm. , 2017, , .		1
201	Utility-Scale PV Inverter Impedances in D-Q Frame Under Different Q-Control Modes. , 2018, , .		1
202	MRAS Based Sensorless Control of High Speed PMSMs with I-F Startup Strategy. , 2018, , .		1
203	Vector control implementation in field programmable gate array for 200ÂkHz GaNâ€based motor drive systems. Journal of Engineering, 2018, 2018, 650-653.	0.6	1
204	Impact of the Parasitic Resistors in Compensation Inductors on a Multi-stage and Multi-load Wireless Power Transfer System. , 2019, , .		1
205	Novel Analysis and Optimal Modulation Scheme of Reactive Power in Isolated Dual Active Bridge DC/DC Converter. , 2019, , .		1
206	Research on Modelling and Stability Characteristics of Electric Traffic Energy System Based on ZVS-DAB Converter. Journal of Electrical and Computer Engineering, 2020, 2020, 1-10.	0.6	1
207	A Nine-level ANPC/H-Bridge Inverter for Open-Winding Motor Drive System. , 2019, , .		1
208	Indirect torque control method of induction motor with stator resistance identification. , 0, , .		0
209	Speed sensor-less control of an induction motor with rotor flux tracking at very low speed. , 0, , .		0
210	A speed fluctuation reducing method for sensorless PMSM-compressor system in air-conditioners. , 2005, , .		0
211	A New Control Strategy for Three-Phase CVCF Inverters in Aerospace Application. , 0, , .		0
212	Reconfiguration of control strategies for high power DFIG wind turbine system to meet grid code requirements. , 2009, , .		0
213	Control strategy of high performance IPMSM drive in wide speed range. , 2011, , .		0
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