

# Zheng

## List of Publications by Year in descending order

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160  
papers

3,481  
citations

136950

32  
h-index

175258

52  
g-index

160  
all docs

160  
docs citations

160  
times ranked

2359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency-Adaptive Fractional-Order Repetitive Control of Shunt Active Power Filters. IEEE Transactions on Industrial Electronics, 2015, 62, 1659-1668.	7.9	201
2	Field-Oriented Control and Direct Torque Control for Paralleled VSIs Fed PMSM Drives With Variable Switching Frequencies. IEEE Transactions on Power Electronics, 2016, 31, 2417-2428.	7.9	173
3	Comprehensive Diagnosis and Tolerance Strategies for Electrical Faults and Sensor Faults in Dual Three-Phase PMSM Drives. IEEE Transactions on Power Electronics, 2019, 34, 6669-6684.	7.9	153
4	Modeling, Analysis, and Design of Multifunction Grid-Interfaced Inverters With Output LCL Filter. IEEE Transactions on Power Electronics, 2014, 29, 3830-3839.	7.9	110
5	Steady-State Analysis of Electric Springs With a Novel $\hat{i}$ Control. IEEE Transactions on Power Electronics, 2015, 30, 7159-7169.	7.9	110
6	Design and Analysis of Linear Stator Permanent Magnet Vernier Machines. IEEE Transactions on Magnetics, 2011, 47, 4219-4222.	2.1	103
7	A Hybrid Direct Torque Control Scheme for Dual Three-Phase PMSM Drives With Improved Operation Performance. IEEE Transactions on Power Electronics, 2019, 34, 1622-1634.	7.9	72
8	Independent Phase Current Reconstruction Strategy for IPMSM Sensorless Control Without Using Null Switching States. IEEE Transactions on Industrial Electronics, 2018, 65, 4492-4502.	7.9	67
9	A DC-Bus Capacitor Discharge Strategy for PMSM Drive System With Large Inertia and Small System Safe Current in EVs. IEEE Transactions on Industrial Informatics, 2019, 15, 4709-4718.	11.3	67
10	Fractional-order repetitive control of programmable AC power sources. IET Power Electronics, 2014, 7, 431-438.	2.1	66
11	Hybrid PWM for High-Power Current-Source-Inverter-Fed Drives With Low Switching Frequency. IEEE Transactions on Power Electronics, 2011, 26, 1754-1764.	7.9	65
12	Remedial Strategies of T-NPC Three-Level Asymmetric Six-Phase PMSM Drives Based on SVM-DTC. IEEE Transactions on Industrial Electronics, 2017, 64, 6841-6853.	7.9	64
13	Direct Torque Control of T-NPC Inverters-Fed Double-Stator-Winding PMSM Drives With SVM. IEEE Transactions on Power Electronics, 2018, 33, 1541-1553.	7.9	64
14	Design and Analysis of a New Flux Memory Doubly Salient Motor Capable of Online Flux Control. IEEE Transactions on Magnetics, 2011, 47, 3220-3223.	2.1	63
15	Position Sensorless Control of Interleaved CSI Fed PMSM Drive With Extended Kalman Filter. IEEE Transactions on Magnetics, 2012, 48, 3688-3691.	2.1	61
16	A Current-Source-Converter-Based High-Power High-Speed PMSM Drive With 420-Hz Switching Frequency. IEEE Transactions on Industrial Electronics, 2012, 59, 2970-2981.	7.9	57
17	Diagnosis and Tolerance of Common Electrical Faults in T-Type Three-Level Inverters Fed Dual Three-Phase PMSM Drives. IEEE Transactions on Power Electronics, 2020, 35, 1753-1769.	7.9	57
18	Electromagnetic Performance Analysis of Double-Rotor Stator Permanent Magnet Motor for Hybrid Electric Vehicle. IEEE Transactions on Magnetics, 2012, 48, 4204-4207.	2.1	56

#	ARTICLE	IF	CITATIONS
19	A New Magnetic-Planetary-Geared Permanent Magnet Brushless Machine for Hybrid Electric Vehicle. IEEE Transactions on Magnetics, 2012, 48, 4642-4645.	2.1	53
20	Improvement of Operating Performance for the Wind Farm With a Novel CSC-Type Wind Turbine-SMES Hybrid System. IEEE Transactions on Power Delivery, 2013, 28, 693-703.	4.3	47
21	Chaotic Speed Synchronization Control of Multiple Induction Motors Using Stator Flux Regulation. IEEE Transactions on Magnetics, 2012, 48, 4487-4490.	2.1	46
22	Fault-Tolerant Control of Dual Three-Phase PMSM Drives With Minimized Copper Loss. IEEE Transactions on Power Electronics, 2021, 36, 12938-12953.	7.9	45
23	Comprehensive Investigation on Remedial Operation of Switch Faults for Dual Three-Phase PMSM Drives Fed by T-3L Inverters. IEEE Transactions on Industrial Electronics, 2018, 65, 4574-4587.	7.9	44
24	An Integrated Power Conversion System for Electric Traction and V2G Operation in Electric Vehicles With a Small Film Capacitor. IEEE Transactions on Power Electronics, 2020, 35, 5066-5077.	7.9	44
25	Diagnosis-Free Self-Healing Scheme for Open-Circuit Faults in Dual Three-Phase PMSM Drives. IEEE Transactions on Power Electronics, 2020, 35, 12053-12071.	7.9	44
26	Fault-Tolerant Control of Paralleled-Voltage-Source-Inverter-Fed PMSM Drives. IEEE Transactions on Industrial Electronics, 2015, 62, 4749-4760.	7.9	42
27	DC-Link Current Ripple Mitigation for Current-Source Grid-Connected Converters Under Unbalanced Grid Conditions. IEEE Transactions on Industrial Electronics, 2016, 63, 4967-4977.	7.9	41
28	Optimization of Torque Tracking Performance for Direct-Torque-Controlled PMSM Drives With Composite Torque Regulator. IEEE Transactions on Industrial Electronics, 2020, 67, 10095-10108.	7.9	41
29	Fault-Tolerant Control of NPC Three-Level Inverters-Fed Double-Stator-Winding PMSM Drives Based on Vector Space Decomposition. IEEE Transactions on Industrial Electronics, 2017, 64, 8446-8458.	7.9	39
30	High-Frequency Voltage Injection Sensorless Control Technique for IPMSMs Fed by a Three-Phase Four-Switch Inverter With a Single Current Sensor. IEEE/ASME Transactions on Mechatronics, 2018, 23, 758-768.	5.8	39
31	Deadbeat Predictive Current Control-Based Fault-Tolerant Scheme for Dual Three-Phase PMSM Drives. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1591-1604.	5.4	37
32	Interleaved Model Predictive Control for Three-Level Neutral-Point-Clamped Dual Three-Phase PMSM Drives With Low Switching Frequencies. IEEE Transactions on Power Electronics, 2021, 36, 11618-11630.	7.9	35
33	A Soft-Switching Current-Source-Inverter-Fed Motor Drive With Reduced Common-Mode Voltage. IEEE Transactions on Industrial Electronics, 2021, 68, 3012-3021.	7.9	34
34	Decoupled Vector Space Decomposition Based Space Vector Modulation for Dual Three-Phase Three-Level Motor Drives. IEEE Transactions on Power Electronics, 2018, 33, 10683-10697.	7.9	33
35	Fault-Tolerant Control of Primary Permanent-Magnet Linear Motors With Single Phase Current Sensor for Subway Applications. IEEE Transactions on Power Electronics, 2019, 34, 10546-10556.	7.9	33
36	Optimized SVM and Remedial Control Strategy for Cascaded Current-Source-Converters-Based Dual Three-Phase PMSM Drives System. IEEE Transactions on Power Electronics, 2020, 35, 6153-6164.	7.9	31

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37	A Fault Diagnosis Method for Current Sensors of Primary Permanent-Magnet Linear Motor Drives. IEEE Transactions on Power Electronics, 2021, 36, 2334-2345.	7.9	31
38	Direct Thrust Force Control of Primary Permanent-Magnet Linear Motors With Single DC-Link Current Sensor for Subway Applications. IEEE Transactions on Power Electronics, 2020, 35, 1365-1376.	7.9	30
39	Zero-Voltage-Switching Current Source Inverter Fed PMSM Drives With Reduced EMI. IEEE Transactions on Power Electronics, 2021, 36, 761-771.	7.9	29
40	Overview of 2-Degree-of-Freedom Rotary-Linear Motors Focusing on Coupling Effect. IEEE Transactions on Magnetics, 2019, 55, 1-11.	2.1	27
41	Design and Analysis of a CHB Converter Based PV-Battery Hybrid System for Better Electromagnetic Compatibility. IEEE Transactions on Magnetics, 2012, 48, 4530-4533.	2.1	26
42	Design and Control of a Photovoltaic Energy and SMES Hybrid System With Current-Source Grid Inverter. IEEE Transactions on Applied Superconductivity, 2013, 23, 5701505-5701505.	1.7	25
43	Fault diagnosis of mechanical unbalance for permanent magnet synchronous motor drive system under nonstationary condition. , 2013, , .		25
44	Highly Reliable Back-to-Back Power Converter Without Redundant Bridge Arm for Doubly Fed Induction Generator-Based Wind Turbine. IEEE Transactions on Industry Applications, 2019, 55, 3024-3036.	4.9	25
45	Design and Analysis of a HTS Flux-Switching Machine for Wind Energy Conversion. IEEE Transactions on Applied Superconductivity, 2013, 23, 5000904-5000904.	1.7	23
46	A Dual-Channel Magnetically Integrated EV Chargers Based on Double-Stator-Winding Permanent-Magnet Synchronous Machines. IEEE Transactions on Industry Applications, 2019, 55, 1941-1953.	4.9	23
47	Analysis and Stabilization of Chaos in the Electric-Vehicle Steering System. IEEE Transactions on Vehicular Technology, 2013, 62, 118-126.	6.3	22
48	Fault-Tolerant Control of Common Electrical Faults in Dual Three-Phase PMSM Drives Fed by T-Type Three-Level Inverters. IEEE Transactions on Industry Applications, 2021, 57, 481-491.	4.9	22
49	An Online Flux Estimation for Dual Three-Phase SPMSM Drives Using Position-Offset Injection. IEEE Transactions on Power Electronics, 2021, 36, 11606-11617.	7.9	22
50	Mutual Calibration of Multiple Current Sensors With Accuracy Uncertainties in IPMSM Drives for Electric Vehicles. IEEE Transactions on Industrial Electronics, 2020, 67, 69-79.	7.9	20
51	Decoupled Dual-PWM Control for Naturally Commutated Current-Fed Dual-Active-Bridge DC/DC Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 4246-4259.	5.4	20
52	Common-Mode Voltage Reduction and Fault-Tolerant Operation of Four-Leg CSI-Fed Motor Drives. IEEE Transactions on Power Electronics, 2021, 36, 8570-8574.	7.9	20
53	An Online Compensation Method of VSI Nonlinearity for Dual Three-Phase PMSM Drives Using Current Injection. IEEE Transactions on Power Electronics, 2022, 37, 3769-3774.	7.9	20
54	Feedback Linearization Based Direct Torque Control for IPMSMs. IEEE Transactions on Power Electronics, 2021, 36, 3135-3148.	7.9	19

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55	Predictive current control method for dual three-phase PMSM drives with reduced switching frequency and low-computation burden. IET Electric Power Applications, 2020, 14, 668-677.	1.8	18
56	Optimal Overlap-Time Distribution of Space Vector Modulation for Current-Source Rectifier. IEEE Transactions on Industrial Electronics, 2021, 68, 4586-4597.	7.9	18
57	Sensorless Control of Surface-Mounted Permanent Magnet Synchronous Motor Drives Using Nonlinear Optimization. IEEE Transactions on Power Electronics, 2019, 34, 8930-8943.	7.9	17
58	A Leakage-Inductor Parameter Compensation Method for Paralleled Current-Fed Isolated DC/DC System. IEEE Transactions on Power Electronics, 2020, 35, 1160-1164.	7.9	17
59	Current Optimization-Based Fault-Tolerant Control of Standard Three-Phase PMSM Drives. IEEE Transactions on Energy Conversion, 2021, 36, 1023-1035.	5.2	17
60	The Modular Current-Fed High-Frequency Isolated Matrix Converters for Wind Energy Conversion. IEEE Transactions on Power Electronics, 2022, 37, 4779-4791.	7.9	17
61	Modeling and Control of a Two-Bus System With Grid-Forming and Grid-Following Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 7133-7149.	5.4	17
62	Current-Fed Isolated Three-Phase Matrix-Type Grid Inverter With Soft-Switching Capability. IEEE Transactions on Industrial Electronics, 2022, 69, 3292-3302.	7.9	16
63	Improved Deadbeat Predictive Current Control of Dual Three-Phase Variable-Flux PMSM Drives With Composite Disturbance Observer. IEEE Transactions on Power Electronics, 2022, 37, 8310-8321.	7.9	16
64	A Wireless-Power-Transfer-Based Three-Phase PMSM Drive System With Matrix Converter. IEEE Transactions on Industrial Electronics, 2023, 70, 2307-2317.	7.9	16
65	Unified Control for a Wind Turbine-Superconducting Magnetic Energy Storage Hybrid System Based on Current Source Converters. IEEE Transactions on Magnetics, 2012, 48, 3973-3976.	2.1	15
66	Coupled Fault-Tolerant Control of Primary Permanent-Magnet Linear Motor Traction Systems for Subway Applications. IEEE Transactions on Power Electronics, 2021, 36, 3408-3421.	7.9	15
67	Modeling and control of neutral-point-clamping (NPC) three-level inverters fed dual-three phase PMSM drives. , 2015, , .		14
68	Fault tolerant control of multiphase multilevel motor drives - technical review. Chinese Journal of Electrical Engineering, 2017, 3, 76-86.	3.4	14
69	A Three-Phase to Single-Phase Matrix Converter for Bidirectional Wireless Power Transfer System. , 2019, , .		14
70	Soft-Switching Current-Source Rectifier Based Onboard Charging System for Electric Vehicles. IEEE Transactions on Industry Applications, 2021, 57, 5086-5098.	4.9	14
71	Power Compensation and Power Quality Improvement Based on Multiple-Channel Current Source Converter Fed HT SMES. IEEE Transactions on Applied Superconductivity, 2012, 22, 5701204-5701204.	1.7	13
72	Asynchronized Synchronous Motor-Based More Electric Ship"Less Power Electronics for More System Reliability. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2353-2364.	5.8	13

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73	Dual-Level Located Feedforward Control for Five-Leg Two-Mover Permanent-Magnet Linear Motor Traction Systems. IEEE Transactions on Power Electronics, 2020, 35, 13673-13686.	7.9	13
74	Mitigation of DC-Link Current Ripple for Dual Three-Phase Flux-Adjustable Hybrid PMAC Drives Using Collaborative Switching Strategy. IEEE Transactions on Industrial Electronics, 2020, 67, 7202-7216.	7.9	13
75	Improved Harmonic Profile for High-Power PWM Current-Source Converters With Modified Space-Vector Modulation Schemes. IEEE Transactions on Power Electronics, 2021, 36, 11234-11244.	7.9	13
76	The Chaotic-Based Control of Three-Port Isolated Bidirectional DC/DC Converters for Electric and Hybrid Vehicles. Energies, 2016, 9, 83.	3.1	12
77	A Hybrid Dual-Mode Control for Permanent-Magnet Synchronous Motor Drives. IEEE Access, 2020, 8, 105864-105873.	4.2	12
78	Phase-Shifting Fault-Tolerant Control of Permanent-Magnet Linear Motors With Single-Phase Current Sensor. IEEE Transactions on Industrial Electronics, 2022, 69, 2414-2425.	7.9	12
79	Submodule Open-Circuit Fault Detection For Modular Multilevel Converters Under Light Load Condition With Rearranged Bleeding Resistor Circuit. IEEE Transactions on Power Electronics, 2022, 37, 4600-4613.	7.9	12
80	Temperature-Balancing Control for Modular Multilevel Converters Under Unbalanced Grid Voltages. IEEE Transactions on Power Electronics, 2022, 37, 4614-4625.	7.9	12
81	All Current Sensor Survivable IPMSM Drive With Reconfigurable Inverter. IEEE Transactions on Industrial Electronics, 2020, 67, 6331-6341.	7.9	11
82	Fault Operation Analysis of a Triple-Redundant Three-Phase PMA-SynRM for EV Application. IEEE Transactions on Transportation Electrification, 2021, 7, 183-192.	7.8	11
83	Double Half-Bridge Submodule-Based Modular Multilevel Converters With Reduced Voltage Sensors. IEEE Transactions on Power Electronics, 2021, 36, 3643-3648.	7.9	11
84	Phase Model Predictive Voltage Control for Half-Centralized Open-End Winding Permanent-Magnet Linear Motor Traction Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 12201-12212.	7.9	11
85	Voltage-Fed Isolated Matrix-Type AC/DC Converter for Wind Energy Conversion System. IEEE Transactions on Industrial Electronics, 2022, 69, 13056-13068.	7.9	11
86	Winding-Based DC-Bus Capacitor Discharge Technique Selection Principles Based on Parametric Analysis for EV-PMSM Drives in Post-Crash Conditions. IEEE Transactions on Power Electronics, 2021, 36, 3551-3562.	7.9	10
87	Fast Current Control Without Computational Delay by Minimizing Update Latency. IEEE Transactions on Power Electronics, 2021, 36, 12207-12212.	7.9	10
88	Dual-Vector Located Model Predictive Control With Single DC-Link Current Sensor for Permanent-Magnet Linear Motor Drives. IEEE Transactions on Power Electronics, 2021, 36, 14142-14154.	7.9	10
89	Robust Cascaded Deadbeat Predictive Control for Dual Three-Phase Variable-Flux PMSM Considering Intrinsic Delay in Speed Loop. IEEE Transactions on Industrial Electronics, 2022, 69, 12107-12118.	7.9	10
90	Operation of SMES for the Current Source Inverter Fed Distributed Power System Under Islanding Mode. IEEE Transactions on Applied Superconductivity, 2013, 23, 5700404-5700404.	1.7	9

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91	Sensorless Control for PMSM Drives Using the Cubature Kalman Filter based Speed and Flux Observer. , 2018, , .		9
92	Fault Diagnosis and Fault-tolerant Operation of Current Source Inverter for Safety-Critical Applications. , 2020, , .		9
93	Fault tolerant control of double-stator-winding PMSM for open phase operation based on asymmetric current injection. , 2014, , .		8
94	Resonance damping in a smart transformer-based microgrid. , 2015, , .		8
95	Vector space decomposition based control of neutral-point-clamping (NPC) three-level inverters fed dual three-phase PMSM drives. , 2016, , .		8
96	Position Sensor Fault Detection of IPMSM Using Single DC-Bus Current Sensor With Accuracy Uncertainty. IEEE/ASME Transactions on Mechatronics, 2019, 24, 753-762.	5.8	8
97	Harmonic Optimization Strategy for CPS-PWM Based MMCs Under Submodule Capacitor Voltage Reduction Control. IEEE Transactions on Power Electronics, 2022, 37, 4288-4300.	7.9	8
98	Magnetic-Inductance: Concept, Definition, and Applications. IEEE Transactions on Power Electronics, 2022, 37, 12406-12414.	7.9	8
99	Position Sensorless Control of IPMSM Using Adjustable Frequency Setting Square-Wave Voltage Injection. IEEE Transactions on Power Electronics, 2022, 37, 12973-12979.	7.9	8
100	An interleaved current-fed bidirectional full-bridge DC/DC converter for on-board charger. , 2016, , .		7
101	Active power filter for harmonie compensation using a digital dual-mode-structure repetitive control approach. , 2012, , .		6
102	Analysis and control of active neutral-point-clamping three-level inverters under fault tolerant operation modes. , 2015, , .		6
103	DC electric springs with DC/DC converters. , 2016, , .		6
104	Collaborative Control for Half-Centralized Open-End Winding Permanent-Magnet Linear Motor Drive Systems. IEEE Transactions on Power Electronics, 2022, 37, 10399-10411.	7.9	6
105	The random PWM based bi-directional buck-boost cascade converter for electric vehicles. , 2011, , .		5
106	Improvement of operating performance for the wind farm with a novel CSC type wind turbine-SMES hybrid system. , 2012, , .		5
107	Operation of interleaved voltage-source-converter fed wind energy systems with asymmetrical faults in grid. , 2012, , .		5
108	Research of harmonics and circulating current suppression in paralleled inverters fed permanent magnet synchronous motor drive system. , 2013, , .		5

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109	Sensorless vector control of complementary and modular linear flux-switching permanent magnet motor based on MRAS and SVPWM. , 2015, , .		5
110	Simplified Model Predictive Current Control of Primary Permanent-Magnet Linear Motor Traction Systems for Subway Applications. Energies, 2019, 12, 4144.	3.1	5
111	Modeling and Stability Analysis of a Smart Transformer-Fed Grid. IEEE Access, 2020, 8, 91876-91885.	4.2	5
112	Study on the PWM Ripple Current Based Turn Fault Detection for Interior PM Machine. IEEE Transactions on Transportation Electrification, 2021, 7, 1537-1547.	7.8	5
113	Advanced $2N+1$ Submodule Unified PWM With Reduced DC-Link Current Ripple for Modular Multilevel Converters. IEEE Transactions on Power Electronics, 2022, 37, 4261-4274.	7.9	5
114	Design of a High-Efficiency Wireless Charging System for Electric Vehicle. , 2018, , .		4
115	Mitigation of DC-Link Current Ripple for Cascaded Current-Source-Converters Energy Conversion Systems. , 2018, , .		4
116	Stability Assessment of Voltage Control Strategies for Smart Transformer-Fed Distribution Grid. IEEE Access, 2020, 8, 185146-185157.	4.2	4
117	Control of a six-switch inverter based single-phase grid-connected PV generation system with inverse Park transform PLL. , 2012, , .		3
118	Fault Tolerant Operation of T-NPC Three-Level Asymmetric Six-Phase PMSM Drives Based on Direct Torque Control. , 2016, , .		3
119	Input-Parallel Output-Series DC/AC Converter for On-Board EV Charger. , 2016, , .		3
120	Optimization of Coils for Wireless Power Transfer System in Electric Vehicle. , 2018, , .		3
121	Torque Ripple Mitigation of T-3L Inverter Fed Open-End Doubly-Salient Permanent-Magnet Motor Drives Using Current Hysteresis Control. Energies, 2019, 12, 3109.	3.1	3
122	Zero-Voltage-Switching Current-Source-Inverter Motor Drives Based on Silicon Carbide Devices. , 2019, , .		3
123	Analysis and Comparison of Three-Level ANPC With Different Commutation Modes. , 2021, , .		3
124	Fault Diagnosis of Inter-turn Short Circuit Faults in Dual Three-Phase PMSM Drives. , 2021, , .		3
125	A New Control Method for Current-Source Inverter fed Motor Drive System Without Additional DC-link Current Regulator. , 2020, , .		3
126	Collaborative Mid-Point Voltage Regulation in Low-Switching-Frequency MPC for Three-Level NPC Inverters Fed Dual Three-Phase PMSM Drives. IEEE Open Journal of Power Electronics, 2021, 2, 673-682.	5.7	3



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127	Robust Control of Smart Transformer-fed Grid. , 2021, , .		3
128	A hybrid energy source based double-stator permanent magnet brushless motor drive for hybrid electric vehicles. , 2011, , .		2
129	Analysis of Chaos in Josephson Junctions With External Magnetic Field for High-Precision Voltage Measurement in Electric Vehicles. IEEE Transactions on Applied Superconductivity, 2012, 22, 4904704-4904704.	1.7	2
130	Active damping of LC resonance for paralleled indirect matrix converter based on cascaded control. , 2016, , .		2
131	The dual-channel magnetically integrated chargers for plug-in electric vehicles. , 2016, , .		2
132	Optimized modulation for current-fed dual active bridge to achieve high efficiency in wide load range. , 2017, , .		2
133	A hybrid direct torque control scheme for asymmetric six-phase PMSM drives. , 2017, , .		2
134	A Current Sensor-Less Controller for Grid-Connected Inverters. , 2018, , .		2
135	Soft-Switching Techniques for Transformerless Photovoltaic Grid-Connected Inverters. , 2018, , .		2
136	Predictive Current Control Method for the T-Type Three-Level Inverters Fed Dual Three-Phase PMSM Drives with Reduced Current Harmonics. , 2019, , .		2
137	Partial charging of capacitors for improving voltage profiles of CSI fed motor drives. Chinese Journal of Electrical Engineering, 2020, 6, 77-85.	3.4	2
138	Fault-Tolerant Control of Dual Three-Phase PMSM Drives with Inter-Turn Short-Circuit Fault. , 2021, , .		2
139	Modeling and Compensation of Nonlinearity in Voltage- Source-Inverters Fed Dual Three-Phase PMSM Drives. , 2021, , .		2
140	Four-Vector Phase Model Predictive Voltage Control for Half-Centralized Open-End Winding Permanent-Magnet Linear Motor Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 9338-9349.	6.3	2
141	Analysis, design, and implementation of multifunction interfaced inverters for distributed generation. , 2013, , .		1
142	Direct torque control of dual three-phase PMSM drives based on two-step voltage vector synthesis SVM. , 2016, , .		1
143	An Integrated Electrolytic Capacitorless Onboard Charger for Electric Vehicles. , 2018, , .		1
144	Optimization of Photovoltaic MPPT System Efficiency Based on Combined Algorithm. , 2018, , .		1

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145	SC Parameters Extraction of SiC-MOSFETs and Application in Advanced Gate Drivers. , 2018, , .		1
146	Sensorless Control of Current-Source-Converters Fed Synchronous Motor Drives using High Frequency Signal Injection. , 2019, , .		1
147	Remedial Strategies of Cascaded CSIs-fed Dual Three-phase PMSM Drives under One-phase Open-circuit Faults. , 2019, , .		1
148	Fault Diagnosis of Sensors for T-type Three-Level Inverter-fed Dual Three-Phase Permanent Magnet Synchronous Motor Drives. Power Electronics and Drives, 2019, 4, 167-178.	0.9	1
149	Zero-Voltage-Switching Current-Source Rectifier Based EV Charging System Using SiC devices. , 2020, , .		1
150	A Low-Switching-Frequency Discrete-Time Model and Control Strategy for NPC Three-Level Inverter-Fed Dual Three-Phase PMSM Drives. , 2020, , .		1
151	Analysis and control of chaos for lateral dynamics of electric vehicles. , 2011, , .		0
152	Active damping of LC resonance for interleaved CSC fed motor drives. , 2011, , .		0
153	Enhanced power quality control strategy for paralleled inverters in distributed generation. , 2013, , .		0
154	Design and experimentation of interleaved PWM and generalized control schemes for paralleled grid converters of wind energy systems. , 2013, , .		0
155	Analysis of an interleaved current-fed capacitor-less DC/AC converter for PV systems. , 2017, , .		0
156	Over-Modulation Operation of Multiple-Channel Indirect Matrix Converter System. , 2018, , .		0
157	Efficiency Improvement of a Double-Stator Permanent Magnet Vernier Machine for Direct-Drive Robotics. , 2018, , .		0
158	Overlap-Time Effect Mitigation for Grid-connected Current-Source Rectifier with Dynamic Overlap-Time Distribution Method. , 2019, , .		0
159	Fault-Tolerant Control of Dual Three-phase PMSM Drives Fed by T-type Three-level Inverters. , 2019, , .		0
160	Real-Time Diagnosis and Fault-Tolerant Control of a Sensor Single Fault Based on a Data-Driven Feedforward-Feedback Control System. Processes, 2022, 10, 1237.	2.8	0