

Li Ding

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

448
citations

10
h-index

20
g-index

45
ext. papers

622
ext. citations

6.7
avg, IF

4.43
L-index

#	Paper	IF	Citations
35	Model-Based Closed-Loop Control for High-Power Current Source Rectifiers under Selective Harmonic Elimination/Compensation PWM with Fast Dynamics. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2022 , 1-1	5.6	0
34	A Direct Actual-Power Control Scheme for Current-Fed Dual-Active-Bridge DC/DC Converter Based on Virtual Impedance Estimation. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	1
33	Model Predictive Control for Grid-Connected Current-Source Converter With Enhanced Robustness and Grid-Current Feedback Only. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2022 , 1-1	5.6	0
32	Three-phase Flying Capacitor Clamped Current Source Converter with Active Capacitor Voltage and CMV Control. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	0
31	. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	3
30	An Input-Oriented Power Sharing Control Scheme with Fast-Dynamic Response for ISOP DAB dc-dc Converter. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	2
29	Two-Stage Model Predictive Control of Neutral-Point-Clamped Inverter-Fed Permanent-Magnet Synchronous Motor Drives Under Balanced and Unbalanced DC Links. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 3750-3759	8.9	11
28	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 3739-3749	8.9	8
27	Discrete-Time SMO Sensorless Control of Current Source Converter-Fed PMSM Drives With Low Switching Frequency. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2120-2129	8.9	17
26	Multilevel CSC System Based on SeriesParallel Connected Three-Phase Modules With Optimized Carrier-Shift SPWM. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 3957-3966	7.2	5
25	Multi-rate Finite-Control-Set Model Predictive Control for High Switching Frequency Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	10
24	High-power current source converters 2021 , 367-402		1
23	Model Predictive Control With Reduced Common-Mode Current for Transformerless Current-Source PMSM Drives. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 8114-8127	7.2	5
22	A New Current Source Converter Using AC-Type Flying-Capacitor Technique. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 10307-10316	7.2	4
21	General Bi-Tri Logic SPWM for Current Source Converter With Optimized Zero-State Replacement. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 11372-11382	7.2	0
20	Modelling and Design of Parallel LCC-VSC Interlinking Converters Unified Controller in AC/DC Network. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	1
19	Sensorless Control of CSC-Fed PMSM Drives With Low Switching Frequency for Electrical Submersible Pump Application. <i>IEEE Transactions on Industry Applications</i> , 2020 , 1-1	4.3	9

18	A Hybrid-Driven Elevator System With Energy Regeneration and Safety Enhancement. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 7715-7726	8.9	6
17	Simultaneous DC Current Balance and CMV Reduction for Parallel CSC System With Interleaved Carrier-Based SPWM. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 8495-8505	8.9	7
16	Improved Model Predictive Control for High-Power Current-Source Rectifiers Under Normal and Distorted Grid Conditions. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 4588-4601	7.2	14
15	Discontinuous Bi-tri Logic SPWM for Current Source Converter with Optimized Zero-state Replacement 2020 ,		7
14	CCS-MPC with Long Predictive Horizon for Grid-Connected Current Source Converter 2020 ,		2
13	Isomorphic Relationships Between Voltage-Source and Current-Source Converters. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 7131-7135	7.2	26
12	Interleaved SPWM of Parallel CSC System with Low Common-mode Voltage 2019 ,		6
11	Unfolder Operation and Modulation Strategy of Paralleled Current-Source Converters 2019 ,		2
10	Simultaneous DC Current Balance and Common-Mode Voltage Control With Multilevel Current Source Inverters. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 9188-9197	7.2	12
9	Common-Mode Voltage Reduction for Parallel CSC-Fed Motor Drives With Multilevel Modulation. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 6555-6566	7.2	19
8	Common-mode resonance suppression for parallel CSC-fed high power medium voltage drives with multilevel modulation 2017 ,		1
7	Multilevel current source converters for high power medium voltage applications. <i>CES Transactions on Electrical Machines and Systems</i> , 2017 , 1, 306-314	2.3	9
6	DC current balance with common-mode voltage reduction for parallel current source converters 2017 ,		3
5	Maximum Efficiency Per Ampere Control of Permanent-Magnet Synchronous Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 2135-2143	8.9	91
4	Self-Commissioning of Permanent Magnet Synchronous Machine Drives at Standstill Considering Inverter Nonlinearities. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 6615-6627	7.2	70
3	Weight-Transducerless Starting Torque Compensation of Gearless Permanent-Magnet Traction Machine for Direct-Drive Elevators. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 4594-4604	8.9	16
2	Enhanced Position Observer Using Second-Order Generalized Integrator for Sensorless Interior Permanent Magnet Synchronous Motor Drives. <i>IEEE Transactions on Energy Conversion</i> , 2014 , 29, 486-495	5.4	75
1	Remanufacturing of low-efficiency induction machines with interior permanent-magnet rotors for energy efficiency improvement 2014 ,		1

