

# Li Ding

## List of Publications by Citations

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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	Maximum Efficiency Per Ampere Control of Permanent-Magnet Synchronous Machines. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 2135-2143	8.9	91
34	Enhanced Position Observer Using Second-Order Generalized Integrator for Sensorless Interior Permanent Magnet Synchronous Motor Drives. <i>IEEE Transactions on Energy Conversion</i> , <b>2014</b> , 29, 486-495	5.4	75
33	Self-Commissioning of Permanent Magnet Synchronous Machine Drives at Standstill Considering Inverter Nonlinearities. <i>IEEE Transactions on Power Electronics</i> , <b>2014</b> , 29, 6615-6627	7.2	70
32	Isomorphic Relationships Between Voltage-Source and Current-Source Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2019</b> , 34, 7131-7135	7.2	26
31	Common-Mode Voltage Reduction for Parallel CSC-Fed Motor Drives With Multilevel Modulation. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 6555-6566	7.2	19
30	Discrete-Time SMO Sensorless Control of Current Source Converter-Fed PMSM Drives With Low Switching Frequency. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 2120-2129	8.9	17
29	Weight-Transducerless Starting Torque Compensation of Gearless Permanent-Magnet Traction Machine for Direct-Drive Elevators. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 4594-4604	8.9	16
28	Improved Model Predictive Control for High-Power Current-Source Rectifiers Under Normal and Distorted Grid Conditions. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 4588-4601	7.2	14
27	Simultaneous DC Current Balance and Common-Mode Voltage Control With Multilevel Current Source Inverters. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 9188-9197	7.2	12
26	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> , <b>2021</b> , 68, 3750-3759	8.9	11
25	Multi-rate Finite-Control-Set Model Predictive Control for High Switching Frequency Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	10
24	Sensorless Control of CSC-Fed PMSM Drives With Low Switching Frequency for Electrical Submersible Pump Application. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 1-1	4.3	9
23	Multilevel current source converters for high power medium voltage applications. <i>CES Transactions on Electrical Machines and Systems</i> , <b>2017</b> , 1, 306-314	2.3	9
22	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 3739-3749	8.9	8
21	Simultaneous DC Current Balance and CMV Reduction for Parallel CSC System With Interleaved Carrier-Based SPWM. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 8495-8505	8.9	7
20	Discontinuous Bi-tri Logic SPWM for Current Source Converter with Optimized Zero-state Replacement <b>2020</b> ,		7
19	Interleaved SPWM of Parallel CSC System with Low Common-mode Voltage <b>2019</b> ,		6

18	A Hybrid-Driven Elevator System With Energy Regeneration and Safety Enhancement. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 7715-7726	8.9	6
17	Multilevel CSC System Based on SeriesParallel Connected Three-Phase Modules With Optimized Carrier-Shift SPWM. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 3957-3966	7.2	5
16	Model Predictive Control With Reduced Common-Mode Current for Transformerless Current-Source PMSM Drives. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 8114-8127	7.2	5
15	A New Current Source Converter Using AC-Type Flying-Capacitor Technique. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 10307-10316	7.2	4
14	DC current balance with common-mode voltage reduction for parallel current source converters <b>2017</b> ,		3
13	. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 1-1	7.2	3
12	An Input-Oriented Power Sharing Control Scheme with Fast-Dynamic Response for ISOP DAB dc-dc Converter. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 1-1	7.2	2
11	CCS-MPC with Long Predictive Horizon for Grid-Connected Current Source Converter <b>2020</b> ,		2
10	Unfolder Operation and Modulation Strategy of Paralleled Current-Source Converters <b>2019</b> ,		2
9	Common-mode resonance suppression for parallel CSC-fed high power medium voltage drives with multilevel modulation <b>2017</b> ,		1
8	Remanufacturing of low-efficiency induction machines with interior permanent-magnet rotors for energy efficiency improvement <b>2014</b> ,		1
7	High-power current source converters <b>2021</b> , 367-402		1
6	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> , <b>2021</b> , 1-1	5.6	1
5	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> , <b>2022</b> , 1-1	7.2	1
4	Three-phase Flying Capacitor Clamped Current Source Converter with Active Capacitor Voltage and CMV Control. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	0
3	General Bi-Tri Logic SPWM for Current Source Converter With Optimized Zero-State Replacement. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 11372-11382	7.2	0
2	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> , <b>2022</b> , 1-1	5.6	0
1	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> , <b>2022</b> , 1-1	5.6	0

