

# Jie Chen

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimal Voltage Regulation and Power Sharing in Traction Power Systems With Reversible Converters. IEEE Transactions on Power Systems, 2020, 35, 2726-2735.	6.5	33
2	Distributed Auxiliary Inverter of Urban Rail Train's Load Sharing Control Strategy Under Complicated Operation Condition. IEEE Transactions on Power Electronics, 2016, 31, 2518-2529.	7.9	25
3	Modeling and Evaluation of Stator and Rotor Faults for Induction Motors. Energies, 2020, 13, 133.	3.1	23
4	Online Condition Monitoring of DC-Link Capacitor for AC/DC/AC PWM Converter. IEEE Transactions on Power Electronics, 2022, 37, 865-878.	7.9	20
5	Characteristics Analysis and Measurement of Inverter-Fed Induction Motors for Stator and Rotor Fault Detection. Energies, 2020, 13, 101.	3.1	18
6	Distributed Auxiliary Inverter of Urban Rail Train's The Voltage and Current Control Strategy Under Complicated Load Condition. IEEE Transactions on Power Electronics, 2016, 31, 1745-1756.	7.9	17
7	An Active Oscillation Compensation Method to Mitigate High-Frequency Harmonic Instability and Low-Frequency Oscillation in Railway Traction Power Supply System. IEEE Access, 2018, 6, 70359-70367.	4.2	14
8	Resonating Power Decoupling Using Multifunctional Bidirectional DC/DC Converter in Hybrid Railway Traction Application. IEEE Transactions on Power Electronics, 2022, 37, 404-415.	7.9	12
9	The Harmonic Characteristic of the Advanced Synchronous SVPWM Overmodulation Strategy. IEEE Access, 2019, 7, 148934-148949.	4.2	9
10	VCT-AOC Comprehensive Method to Suppress High-Frequency Resonance and Low-Frequency Oscillation in Railway Traction Power Supply System. IEEE Access, 2019, 7, 152202-152213.	4.2	8
11	Distributed Reactive Power Compensation Method in DC Traction Power Systems With Reversible Substations. IEEE Transactions on Vehicular Technology, 2021, 70, 9935-9944.	6.3	8
12	The WRHE-PWM Strategy With Minimized THD to Suppress High-Frequency Resonance Instability in Railway Traction Power Supply System. IEEE Access, 2019, 7, 104478-104488.	4.2	7
13	Ripple Analysis and Control of Electric Multiple Unit Traction Drives under a Fluctuating DC Link Voltage. Journal of Power Electronics, 2016, 16, 1851-1860.	1.5	5
14	Realization of Smooth Transition in Hybrid PWM Scheme for Induction Motor Control. IEEE Access, 2019, 7, 162617-162628.	4.2	4
15	Control Strategy of Three-Phase Inverter with Isolation Transformer. Energies, 2019, 12, 4005.	3.1	3
16	Stability Analysis Method of Parallel Inverter. Mathematical Problems in Engineering, 2017, 2017, 1-14.	1.1	2
17	An Online Identification Method of Thermal Dissipation State for Forced Air-Cooled System of Power Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 7677-7690.	5.4	2
18	Intelligent Prediction Method for Heat Dissipation State of Converter Heatsink. IEEE Access, 2023, 11, 19103-19110.	4.2	1

#	ARTICLE	IF	CITATIONS
19	Beatless algorithm based on dual-frequency compensation in railway traction applications. IET Power Electronics, 2021, 14, 1985-1994.	2.1	0
20	Rotor Broken Bar Fault Diagnosis for Induction Traction Motor Considering Low Load Condition. Lecture Notes in Electrical Engineering, 2022, , 14-19.	0.4	0
21	A Weighted Classification Method Based on Adaptive Feature Selection. IEEE Access, 2022, 10, 58635-58646.	4.2	0