Jie Chen

List of Publications by Year
in descending order

21	211	1040056 9	996975 15
papers	citations	h-index	g-index

21	21	21	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intelligent Prediction Method for Heat Dissipation State of Converter Heatsink. IEEE Access, 2023, 11, 19103-19110.	4.2	1
2	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
3	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
4	Rotor Broken Bar Fault Diagnosis for Induction Traction Motor Considering Low Load Condition. Lecture Notes in Electrical Engineering, 2022, , 14-19.	0.4	0
5	A Weighted Classification Method Based on Adaptive Feature Selection. IEEE Access, 2022, 10, 58635-58646.	4.2	0
6	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
7	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
8	Beatâ€‘less algorithm based on dualâ€‘frequency compensation in railway traction applications. IET Power Electronics, 2021, 14, 1985-1994.	2.1	0
9	Modeling and Evaluation of Stator and Rotor Faults for Induction Motors. Energies, 2020, 13, 133.	3.1	23
10	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
11	Characteristics Analysis and Measurement of Inverter-Fed Induction Motors for Stator and Rotor Fault Detection. Energies, 2020, 13, 101.	3.1	18
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	The Harmonic Characteristic of the Advanced Synchronous SVPWM Overmodulation Strategy. IEEE Access, 2019, 7, 148934-148949.	4.2	9
14	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
15	Control Strategy of Three-Phase Inverter with Isolation Transformer. Energies, 2019, 12, 4005.	3.1	3
16	Realization of Smooth Transition in Hybrid PWM Scheme for Induction Motor Control. IEEE Access, 2019, 7, 162617-162628.	4.2	4
17	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
18	Stability Analysis Method of Parallel Inverter. Mathematical Problems in Engineering, 2017, 2017, 1-14.	1.1	2

#	Article	IF	Citations
19	Distributed Auxiliary Inverter of Urban Rail Trainâ€"The Voltage and Current Control Strategy Under Complicated Load Condition. IEEE Transactions on Power Electronics, 2016, 31, 1745-1756.	7.9	17
20	Distributed Auxiliary Inverter of Urban Rail Trainâ€"Load Sharing Control Strategy Under Complicated Operation Condition. IEEE Transactions on Power Electronics, 2016, 31, 2518-2529.	7.9	25
21	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