

Rutian Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Three-Phase Dual-Output T-Type Three-Level Converter. IEEE Transactions on Power Electronics, 2023, 38, 1844-1859.	7.9	6
2	High-gain sparse three-level indirect matrix converter and its modulation strategy. Journal of Power Electronics, 2022, 22, 569-579.	1.5	0
3	A Novel Three-Phase Dual-Output Neutral-Point-Clamped Three-Level Inverter. IEEE Transactions on Power Electronics, 2021, 36, 7576-7586.	7.9	13
4	A Novel Carrier-Based PWM Without Narrow Pulses Applying to High-Frequency Link Matrix Converter. IEEE Access, 2020, 8, 157654-157662.	4.2	4
5	Y-Source Two-Stage Matrix Converter and Its Modulation Strategy. IEEE Access, 2020, 8, 214282-214292.	4.2	2
6	A Direct Three-Phase AC-AC Matrix Converter-Based Wireless Power Transfer System for Electric Vehicles. Applied Sciences (Switzerland), 2020, 10, 2217.	2.5	5
7	Hybrid Pulse Width Modulation Strategy of a High-Frequency Link Three-Phase Four-Leg Matrix Converter Based on Compensation Theory. Applied Sciences (Switzerland), 2020, 10, 39.	2.5	2
8	Two-Stage Optimal Scheduling Strategy for Large-Scale Electric Vehicles. IEEE Access, 2020, 8, 13821-13832.	4.2	44
9	Optimization method and stability analysis of MMC grid-connect control system based on virtual synchronous generator technology. Electric Power Systems Research, 2020, 182, 106209.	3.6	13
10	Control Strategy for Four-Leg Nine-Switch Inverter Under Unbalanced Loads. IEEE Access, 2020, 8, 50377-50389.	4.2	6
11	Impedance stability analysis and impedance remodelling of matrix converter grid-connected system. Journal of Engineering, 2020, 2020, 1131-1138.	1.1	2
12	Carrier-based PWM control strategy for three-level indirect matrix converter. IET Power Electronics, 2019, 12, 1964-1972.	2.1	7
13	Carrier-based PWM modulation strategy for dual-output two-stage matrix converter. IET Power Electronics, 2019, 12, 2135-2145.	2.1	6
14	A Novel MMC Sub-Module Topology With DC Fault Clearance Capability. IEEE Access, 2019, 7, 96085-96093.	4.2	14
15	Multi-Objective Economic Dispatch of Cogeneration Unit with Heat Storage Based on Fuzzy Chance Constraint. Energies, 2019, 12, 103.	3.1	3
16	Carrier-based PWM control strategy for Z-source two-stage matrix converter. IET Power Electronics, 2019, 12, 3527-3538.	2.1	3
17	Impedance Modeling and Stability Analysis for Cascade System of Three-Phase PWM Rectifier and LLC Resonant Converter. Energies, 2018, 11, 3050.	3.1	7
18	Generalised double line voltage synthesis strategy for three-to-N phase matrix converter. IET Power Electronics, 2018, 11, 895-901.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Carrier-based pulse-width modulation control strategy of five-phase six-bridge indirect matrix converter under unbalanced load. IET Power Electronics, 2017, 10, 1932-1942.	2.1	8
20	Carrier-Based PWM Method to Reduce Common-Mode Voltage of Three-to-Five-Phase Indirect Matrix Converter. Mathematical Problems in Engineering, 2016, 2016, 1-10.	1.1	3
21	Fault diagnosis for indirect matrix converter based on mixed logical dynamical model. Journal of Electrical Engineering and Technology, 0, , .	2.0	0