

Yanjun Tian

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | DC-link capacitor current observation based stability enhancement control for back-to-back converter. IET Power Electronics, 2022, 15, 558-570. | 2.1 | 0 |
| 2 | Virtual Impedance Refined Inductor Current Observation and Current Sensorless Control for Grid-Connected Inverter. IEEE Transactions on Power Electronics, 2022, 37, 10239-10249. | 7.9 | 3 |
| 3 | Artificial Neural Network-based Intelligent Grid Impedance Identification Method for Grid-Connected Inverter. , 2022, , . | | 1 |
| 4 | DC-side current compensation control in the rectifier terminal for power variations in back-to-back converters. IET Renewable Power Generation, 2021, 15, 3025-3037. | 3.1 | 1 |
| 5 | Coordinative impedance damping control for back-to-back converter in solar power integration system. IET Renewable Power Generation, 2019, 13, 1484-1492. | 3.1 | 6 |
| 6 | Soft Start Control Strategy for Hybrid MMC in Solar Power DC Collection System. , 2019, , . | | 1 |
| 7 | Current Sharing/Voltage Sharing Control Strategy for Cascaded DC/DC Converter in Photovoltaic DC Collection System. , 2018, , . | | 6 |
| 8 | Phase-Locked Loop Research of Grid-Connected Inverter Based on Impedance Analysis. Energies, 2018, 11, 3077. | 3.1 | 14 |
| 9 | A method for improving adaptability of LCL-type inverter to weak grid. , 2017, , . | | 0 |
| 10 | Enhanced Predictive Current Control of Three-Phase Grid-Tied Reversible Converters with Improved Switching Patterns. Energies, 2016, 9, 41. | 3.1 | 4 |
| 11 | Direct Power Control for Three-Phase Two-Level Voltage-Source Rectifiers Based on Extended-State Observation. IEEE Transactions on Industrial Electronics, 2016, 63, 4593-4603. | 7.9 | 56 |
| 12 | Impedance interactions in bidirectional cascaded converter. IET Power Electronics, 2016, 9, 2482-2491. | 2.1 | 19 |
| 13 | Impedance Coordinative Control for Cascaded Converter in Bidirectional Application. IEEE Transactions on Industry Applications, 2016, 52, 4084-4095. | 4.9 | 17 |
| 14 | Predictive Duty Cycle Control of Three-Phase Active-Front-End Rectifiers. IEEE Transactions on Power Electronics, 2016, 31, 698-710. | 7.9 | 112 |
| 15 | Study of a Novel Equivalent Model and a Long-Feeder Simulator-Based Active Power Filter in a Closed-Loop Distribution Feeder. IEEE Transactions on Industrial Electronics, 2016, 63, 2702-2712. | 7.9 | 20 |
| 16 | Fault-Tolerant Approach for Modular Multilevel Converters Under Submodule Faults. IEEE Transactions on Industrial Electronics, 2016, 63, 7253-7263. | 7.9 | 118 |
| 17 | DC-Link Voltage Coordinated-Proportional Control for Cascaded Converter With Zero Steady-State Error and Reduced System Type. IEEE Transactions on Power Electronics, 2016, 31, 3177-3188. | 7.9 | 18 |
| 18 | Accurate Voltage Parameter Estimation for Grid Synchronization in Single-Phase Power Systems. Journal of Power Electronics, 2016, 16, 1067-1075. | 1.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Impedance analysis of control modes in cascaded converter. , 2015, , . | | 0 |
| 20 | Impedance interaction modeling and analysis for bidirectional cascaded converters. , 2015, , . | | 8 |
| 21 | Active Power and DC Voltage Coordinative Control for Cascaded DC-AC Converter With Bidirectional Power Application. IEEE Transactions on Power Electronics, 2015, 30, 5911-5925. | 7.9 | 31 |
| 22 | An Estimator-Based Distributed Voltage-Predictive Control Strategy for AC Islanded Microgrids. IEEE Transactions on Power Electronics, 2015, 30, 3934-3951. | 7.9 | 90 |
| 23 | Coodinative control of active power and DC-link voltage for cascaded dual-active-bridge and inverter in bidirectional applications. , 2014, , . | | 2 |
| 24 | Adaptive decoupled power control method for inverter connected DG. IET Renewable Power Generation, 2014, 8, 171-182. | 3.1 | 42 |