

# Yanjun Tian

## List of Publications by Year in descending order

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24  
papers

573  
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840776

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times ranked

736  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Fault-Tolerant Approach for Modular Multilevel Converters Under Submodule Faults. IEEE Transactions on Industrial Electronics, 2016, 63, 7253-7263.   | 7.9 | 118       |
| 2  | Predictive Duty Cycle Control of Three-Phase Active-Front-End Rectifiers. IEEE Transactions on Power Electronics, 2016, 31, 698-710.  | 7.9 | 112       |
| 3  | An Estimator-Based Distributed Voltage-Predictive Control Strategy for AC Islanded Microgrids. IEEE Transactions on Power Electronics, 2015, 30, 3934-3951.                                     | 7.9 | 90        |
| 4  | 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        |
| 5  | Adaptive decoupled power control method for inverter connected DG. IET Renewable Power Generation, 2014, 8, 171-182.  | 3.1 | 42        |
| 6  | 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        |
| 7  | 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        |
| 8  | Impedance interactions in bidirectional cascaded converter. IET Power Electronics, 2016, 9, 2482-2491.  | 2.1 | 19        |
| 9  | 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        |
| 10 | Impedance Coordinative Control for Cascaded Converter in Bidirectional Application. IEEE Transactions on Industry Applications, 2016, 52, 4084-4095.  | 4.9 | 17        |
| 11 | Phase-Locked Loop Research of Grid-Connected Inverter Based on Impedance Analysis. Energies, 2018, 11, 3077.  | 3.1 | 14        |
| 12 | Impedance interaction modeling and analysis for bidirectional cascaded converters. , 2015, , .  |     | 8         |
| 13 | Current Sharing/Voltage Sharing Control Strategy for Cascaded DC/DC Converter in Photovoltaic DC Collection System. , 2018, , .   |     | 6         |
| 14 | 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         |
| 15 | Enhanced Predictive Current Control of Three-Phase Grid-Tied Reversible Converters with Improved Switching Patterns. Energies, 2016, 9, 41.   | 3.1 | 4         |
| 16 | Accurate Voltage Parameter Estimation for Grid Synchronization in Single-Phase Power Systems. Journal of Power Electronics, 2016, 16, 1067-1075.  | 1.5 | 4         |
| 17 | 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         |
| 18 | Coordinative control of active power and DC-link voltage for cascaded dual-active-bridge and inverter in bidirectional applications. , 2014, , .  |     | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Soft Start Control Strategy for Hybrid MMC in Solar Power DC Collection System. , 2019, , .   |     | 1         |
| 20 | DCâ€side current compensation control in the rectifier terminal for power variations in backâ€toâ€back converters. IET Renewable Power Generation, 2021, 15, 3025-3037. | 3.1 | 1         |
| 21 | Artificial Neural Network-based Intelligent Grid Impedance Identification Method for Grid-Connected Inverter. , 2022, , .   |     | 1         |
| 22 | Impedance analysis of control modes in cascaded converter. , 2015, , .  |     | 0         |
| 23 | A method for improving adaptability of LCL-type inverter to weak grid. , 2017, , .  |     | 0         |
| 24 | DCâ€link capacitor current observation based stability enhancement control for backâ€toâ€back converter. IET Power Electronics, 2022, 15, 558-570.                      | 2.1 | 0         |