

Jing Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

202
citations

1307594

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1588992

8
g-index

21
all docs

21
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21
times ranked

186
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | New Discontinuous Space Vector Modulation Strategies for Impedance-Source Inverter With Superior Thermal and Harmonic Performance. IEEE Transactions on Industrial Electronics, 2022, 69, 13079-13089. | 7.9 | 9 |
| 2 | Differential Power Processing for Ultra-Efficient Data Storage. IEEE Transactions on Power Electronics, 2021, 36, 4269-4286. | 7.9 | 21 |
| 3 | A Modified Y-Source DC-DC Converter With High Voltage-Gains and Low Switch Stresses. IEEE Transactions on Power Electronics, 2020, 35, 7716-7720. | 7.9 | 27 |
| 4 | Modified Impedance-Source Inverter with Continuous Input Currents and Fault-Tolerant Operations. Energies, 2020, 13, 3408. | 3.1 | 1 |
| 5 | Analysis and design of a high voltage-gain quasi-Z-source DC-DC converter. IET Power Electronics, 2020, 13, 1837-1847. | 2.1 | 25 |
| 6 | A Switched Quasi-Z-Source Inverter with Continuous Input Currents. Energies, 2020, 13, 1390. | 3.1 | 16 |
| 7 | High Frequency Multicell Cascaded Quasi-Square-Wave Boost Converter. , 2020, , . | | 0 |
| 8 | A Trans-Inverse Coupled-Inductor Semi-SEPIC DC/DC Converter With Full Control Range. IEEE Transactions on Power Electronics, 2019, 34, 10398-10402. | 7.9 | 31 |
| 9 | An Embedded Switched-Capacitor Z-Source Inverter with Continuous Input Currents. , 2019, , . | | 3 |
| 10 | An Overview of Photovoltaic Microinverters: Topology, Efficiency, and Reliability. , 2019, , . | | 28 |
| 11 | New High Voltage Gain DC-DC Converter Based on Modified Quasi Z-Source Network. , 2019, , . | | 6 |
| 12 | Design and Analysis of a Novel Trans-inverse DC-DC Converter. , 2019, , . | | 0 |
| 13 | Adaptive digital notch filter based on online grid impedance estimation for grid-tied LCL filter systems. Electric Power Systems Research, 2019, 172, 183-192. | 3.6 | 9 |
| 14 | Leakage Current Mitigation in Transformerless Z-Source/Quasi-Z-Source PV Inverters: An Overview. , 2019, , . | | 5 |
| 15 | A Switched Quasi-Z-Source Inverter with Continuous Input Currents. , 2019, , . | | 2 |
| 16 | A Novel PWM Strategy for Current Ripple and Output Harmonic Minimization of Current-Fed Trans-Quasi-Z-Source Inverters. , 2018, , . | | 0 |
| 17 | Modeling and Control of Single-Phase Quasi-Z-Source Inverters. , 2018, , . | | 4 |
| 18 | An Embedded Enhanced-Boost Z-Source Inverter. , 2018, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | An Embedded Enhanced-Boost Z-Source Inverter Topology with Fault-Tolerant Capabilities. , 2018, , . | | 7 |
| 20 | Model Predictive Control of An Embedded Enhanced-Boost Z-Source Inverter. , 2018, , . | | 3 |
| 21 | Model Predictive Control for Quasi-Z Source Inverters with Improved Thermal Performance. , 2018, , . | | 2 |