Jing Yuan

List of Publications by Year
in descending order

21 papers	202 citations	1307594 7 h-index	1588992 8 g-index
21 all docs	21 docs citations	21 times ranked	186 citing authors

#	Article	IF	Citations
1	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
2	An Overview of Photovoltaic Microinverters: Topology, Efficiency, and Reliability. , 2019, , .		28
3	A Modified Y-Source DCâ€“DC Converter With High Voltage-Gains and Low Switch Stresses. IEEE Transactions on Power Electronics, 2020, 35, 7716-7720.	7.9	27
4	Analysis and design of a high voltageâ€gain quasiâ€Zâ€source DCâ€“DC converter. IET Power Electronics, 2020, 13, 1837-1847.	2.1	25
5	Differential Power Processing for Ultra-Efficient Data Storage. IEEE Transactions on Power Electronics, 2021, 36, 4269-4286.	7.9	21
6	A Switched Quasi-Z-Source Inverter with Continuous Input Currents. Energies, 2020, 13, 1390.	3.1	16
7	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
8	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
9	An Embedded Enhanced-Boost Z-Source Inverter Topology with Fault-Tolerant Capabilities. , 2018, , .		7
10	New High Voltage Gain DC-DC Converter Based on Modified Quasi Z-Source Network. , 2019, , .		6
11	Leakage Current Mitigation in Transformerless Z-Source/Quasi-Z-Source PV Inverters: An Overview. , 2019, , .		5
12	Modeling and Control of Single-Phase Quasi-Z-Source Inverters. , 2018, , .		4
13	An Embedded Enhanced-Boost Z-Source Inverter. , 2018, , .		3
14	Model Predictive Control of An Embedded Enhanced-Boost Z-Source Inverter. , 2018, , .		3
15	An Embedded Switched-Capacitor Z-Source Inverter with Continuous Input Currents. , 2019, , .		3
16	Model Predictive Control for Quasi-Z Source Inverters with Improved Thermal Performance. , 2018, , .		2
17	A Switched Quasi-Z-Source Inverter with Continuous Input Currents. , 2019, , .		2
18	Modified Impedance-Source Inverter with Continuous Input Currents and Fault-Tolerant Operations. Energies, 2020, 13, 3408.	3.1	1

#	Article	IF	Citations
19	A Novel PWM Strategy for Current Ripple and Output Harmonic Minimization of Current-Fed Trans-Quasi-Z-Source Inverters. , 2018, , .		0
20	Design and Analysis of a Novel Trans-inverse DC-DC Converter. , 2019, , .		0
21	High Frequency Multicell Cascaded Quasi-Square-Wave Boost Converter. , 2020, , .		0