Yufei Zhou

List of Publications by Year
in descending order

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20 papers	211 citations	1478505 6 h-index	1199594 12 g-index
20 all docs	20 docs citations	20 times ranked	246 citing authors

#	Article	IF	Citations
1	Efficiency optimization of variable-frequency controlled power factor correction converters. Journal of Power Electronics, 2022, 22, 970-980.	1.5	1
2	Full-bridge resonant converter with hybrid control for wide input voltage range applications. Journal of Power Electronics, 2021, 21, 269-281.	1.5	5
3	Design Methodology of LLC Resonant Converters for Single-stage Power Factor Correction Application. Journal of Electrical Engineering and Technology, 2021, 16, 2573-2584.	2.0	5
4	Single-Stage Variable-Turns-Ratio High-Frequency Link Grid-Connected Inverter. IEEE Transactions on Power Electronics, 2019, 34, 7629-7636.	7.9	4
5	Research on a Time-Variant Shoot-Through Modulation Strategy for Quasi-Z-Source Inverter. IEEE Transactions on Power Electronics, 2018, 33, 9104-9109.	7.9	9
6	Hybrid Controlled Full-bridge CLL Resonant Converter for Wide Range Input Voltage. , 2018, , .		1
7	1500ÂV threeâ€level forward converter with phaseâ€shifted control. IET Power Electronics, 2018, 11, 1547-1555.	2.1	4
8	Threeâ€bridge buck inverter. IET Power Electronics, 2016, 9, 1163-1169.	2.1	2
9	Modelling analysis and power loss of coupledâ€inductor singleâ€stage boost inverter based gridâ€connected photovoltaic power system. IET Power Electronics, 2016, 9, 1664-1674.	2.1	11
10	Single-Phase Input Variable-Speed AC Motor System Based on an Electrolytic Capacitor-Less Single-Stage Boost Three-Phase Inverter. IEEE Transactions on Power Electronics, 2016, 31, 7043-7052.	7.9	32
11	A Transformerless Grid-Connected Photovoltaic System Based on the Coupled Inductor Single-Stage Boost Three-Phase Inverter. IEEE Transactions on Power Electronics, 2014, 29, 1041-1046.	7.9	38
12	Coupledâ€inductor singleâ€stage boost inverter for gridâ€connected photovoltaic system. IET Power Electronics, 2014, 7, 259-270.	2.1	20
13	Impedance network design and its critical value prediction of tappedâ€inductor singleâ€stage boost inverter. IET Power Electronics, 2014, 7, 1618-1629.	2.1	5
14	Application of Single-Stage Boost Inverter for Electric Vehicles. , 2012, , .		0
15	Single-Stage Boost Inverter With Coupled Inductor. IEEE Transactions on Power Electronics, 2012, 27, 1885-1893.	7.9	45
16	Single-Stage Boost Inverter Applied to Photovoltaic System. , 2012, , .		0
17	Tapped inductor quasi-Z-source inverter. , 2012, , .		24
18	Single-stage boost inverter for photovoltaic system. , 2011, , .		1

#	Article	IF	Citations
19	High step-up single-stage boost inverter. , 2011, , .		4
20	The Misaligned Coupling Improvement of Loosely Coupled Transformer with Multi-Receivers for IPT System. Journal of Electrical Engineering and Technology, 0, , 1.	2.0	0