

Yuliang Cao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Design and Implementation of an 18-kW 500-kHz 98.8% Efficiency High-Density Battery Charger With Partial Power Processing. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 7963-7975.	5.4	63
2	Switching Transition Analysis and Optimization for Bidirectional CLLC Resonant DC Transformer. IEEE Transactions on Power Electronics, 2022, 37, 3786-3800.	7.9	66
3	An Isolated Bi-directional Series Bridge DC Transformer Without Resonant Tank. , 2022, , .		9
4	Design of 500 kHz, 18 kW Low Leakage Inductance Intraleaved Litz Wire Transformer for Bi-directional Resonant DC-DC Converter. , 2021, , .		16
5	Computational Fluid Dynamic Analysis and Design of an Air Duct Cooling System for 18 kW, 500 kHz Planar Transformers. , 2021, , .		12
6	Design and Implementation of High-density Isolated Bi-directional Soft-switching Resonant DC-DC Converter with Partial Power Processing. , 2021, , .		19
7	DC Distribution Converter with Partial Power Processing for LVDC/MVDC Systems. , 2021, , .		17
8	The ZVS Transition Analysis and Optimization for CLLC-Type Resonant DC Transformer. , 2021, , .		10
9	A Simplified Time-Domain Gain Model for CLLC Resonant Converter. , 2021, , .		11