

Pengyu Jia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Large- and Small-Signal Average-Value Modeling of Dual-Active-Bridge DC-DC Converter With Triple-Phase-Shift Control. IEEE Transactions on Power Electronics, 2021, 36, 9237-9250.	7.9	21
2	Analysis and design of an isolated high step-up converter based on the secondary side quasi-resonant loops. IET Power Electronics, 2020, 13, 1129-1143.	2.1	8
3	Derivation and Analysis of a Secondary-Side LLC Resonant Converter for the High Step-Up Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5865-5882.	5.4	8
4	A Family of Hybrid Step-up DC-DC Converters based on Switched-capacitor Converters. , 2020, , .		8
5	A Robust Power Regulation Controller to Enhance Dynamic Performance of Voltage Source Converters. IEEE Transactions on Power Electronics, 2019, 34, 12407-12422.	7.9	7
6	An Isolated High Step-Up Converter Based on the Active Secondary-Side Quasi-Resonant Loops. IEEE Transactions on Power Electronics, 2022, 37, 659-673.	7.9	6
7	A Bidirectional Resonant Two-switch Boosting Switched-capacitor Converter with Phase-shift Modulation. , 2020, , .		4
8	A Family of Switched-capacitor-based Hybrid DC-DC Converters with Continuously Adjustable Gain. , 2020, , .		2
9	A Multi-resonant-core-based Series-parallel Resonant Switched-capacitor Converter with Wide Voltage Gain Range. , 2020, , .		1
10	High Efficiency Isolated Quasi-Resonant Converter for High Step-Up Applications. , 2021, , .		1
11	Analysis of PFM Operation Model for Capacitor Charger Resonant Topology with Energy Dosage. , 2018, , .		0