

# Chuan Sun

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Compact Single-Phase AC-DC Wireless Power Transfer Converter With Active Power Factor Correction. IEEE Transactions on Industrial Electronics, 2023, 70, 3685-3696.	5.2	13
2	Total Suppression of High-Frequency Transient Oscillations in Dual-Active-Bridge Series-Resonant Converter by Trajectory-Switching Modulation. IEEE Transactions on Power Electronics, 2022, 37, 6511-6529.	5.4	9
3	Peer-to-Peer Energy Trading With Energy Path Conflict Management in Energy Local Area Network. IEEE Transactions on Smart Grid, 2022, 13, 2269-2278.	6.2	13
4	A Soft-Switched Power-Factor-Corrected Single-Phase Bidirectional AC-DC Wireless Power Transfer Converter With an Integrated Power Stage. IEEE Transactions on Power Electronics, 2022, 37, 10029-10044.	5.4	16
5	A Unified Design Approach of Optimal Transient Single-Phase-Shift Modulation for Nonresonant Dual-Active-Bridge Converter With Complete Transient DC-Offset Elimination. IEEE Transactions on Power Electronics, 2022, 37, 13217-13237.	5.4	4
6	Comprehensive study of fast load modulation with voltage-second balance in a dual-active-bridge converter. IET Power Electronics, 2019, 12, 1357-1367.	1.5	17
7	Improved Step Load Response of a Dual-Active-Bridge DC-DC Converter. Electronics (Switzerland), 2018, 7, 185.	1.8	7
8	Improved Load Transient Response of a Dual-Active-Bridge Converter. , 2018, , .		8
9	Instantaneous Current Balance Modulation for Fast Transient Response in a Dual-Active-Bridge Converter. , 2018, , .		4
10	Transient current control for a step load change in a dual-active-bridge converter. Electronics Letters, 2018, 54, 1290-1292.	0.5	12
11	Fast Transient Modulation for a Step Load Change in a Dual-Active-Bridge Converter with Extended-Phase-Shift Control. Energies, 2018, 11, 1569.	1.6	11
12	Fast transient control for power adjustment in a dual-active-bridge converter. Electronics Letters, 2017, 53, 1130-1132.	0.5	34
13	Asymmetric double-sided modulation for fast load transition in a semi-dual-active-bridge converter. IET Power Electronics, 2017, 10, 1698-1704.	1.5	12