

Xiang Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Electrolytic Capacitor-Free Half Bridge Class-D Audio Amplifier System Without Bus-Voltage Pumping. IEEE Transactions on Power Electronics, 2021, 36, 9221-9236.	7.9	4
2	Soft Switching Symmetric Bipolar Outputs DC-Transformer (DCX) for Eliminating Power Supply Pumping of Half-Bridge Class-D Audio Amplifier. IEEE Transactions on Power Electronics, 2019, 34, 6440-6455.	7.9	10
3	Single-Stage Soft-Switching Low-Distortion Bipolar PWM Modulation High-Frequency-Link DC-AC Converter With Clamping Circuits. IEEE Transactions on Industrial Electronics, 2018, 65, 7719-7729.	7.9	25
4	High-Efficiency Zero-Voltage Switching Single-Stage Switching Amplifier With Half-Bridge Active Clamping Circuit. IEEE Transactions on Industrial Electronics, 2018, 65, 8574-8584.	7.9	12
5	2.1-Channel Switching Amplifier With DC/High-Frequency-AC Mixed Power Supply for Efficiency Improvement and Bus Voltage Pumping Elimination. IEEE Transactions on Power Electronics, 2018, 33, 9110-9115.	7.9	6
6	Zero-voltage zero-current switching DC/DC converter with high step-up and high efficiency. Electronics Letters, 2016, 52, 1250-1252.	1.0	11
7	Battery powered high efficiency single-stage switching amplifier. Electronics Letters, 2016, 52, 1052-1054.	1.0	6
8	Bi-frequency control for LLC resonant converter with fast transient response. Electronics Letters, 2016, 52, 1710-1712.	1.0	2
9	Soft-switching step-up/down DC-DC converter with bipolar outputs. Electronics Letters, 2016, 52, 1404-1406.	1.0	6
10	High efficiency two-channel single-stage switching amplifier with power switches multiplexing. Electronics Letters, 2016, 52, 1499-1501.	1.0	3
11	High-efficiency high step-up PWM resonant converter. Electronics Letters, 2015, 51, 512-514.	1.0	6