

Yiming Li

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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22
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173
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Capacitor Transformer Winding Capacitance Models for Common-Mode EMI Noise Analysis in Isolated DC-DC Converters. IEEE Transactions on Power Electronics, 2017, 32, 8458-8469.	7.9	90
2	Investigating Switching Transformers for Common Mode EMI Reduction to Remove Common Mode EMI Filters and Y-Capacitors in Flyback Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 2287-2301.	5.4	58
3	Modeling and Reduction of Radiated EMI in a GaN IC-Based Active Clamp Flyback Adapter. IEEE Transactions on Power Electronics, 2021, 36, 5440-5449.	7.9	36
4	Modeling and Reduction of Radiated Common Mode Current in Flyback Converters. , 2018, , .		30
5	Investigation and Reduction of EMI Noise Due to the Reverse Recovery Currents of 50/60 Hz Diode Rectifiers. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 594-603.	3.9	30
6	Design of CM Inductor Based on Core Loss for Radiated EMI Reduction in Power Converters. , 2019, , .		27
7	Investigate and Reduce Capacitive Couplings in a Flyback Adapter With a DC-Bus Filter to Reduce EMI. IEEE Transactions on Power Electronics, 2020, 35, 6963-6973.	7.9	27
8	Advances of Modeling and Reduction of Conducted and Radiated EMI in Flyback Converters. , 2020, , .		25
9	Investigation of Radiated EMI in Non-isolated Power Converters with Power Cables in Automotive Applications. , 2019, , .		22
10	Modeling and Increasing the High-Frequency Impedance of Single-Layer Mn-Zn Ferrite Toroidal Inductors With Electromagnetic Analysis. IEEE Transactions on Power Electronics, 2021, 36, 6943-6953.	7.9	17
11	Analysis and Reduction of Radiated EMI in High-Frequency GaN IC-based Active Clamp Flyback Converters. , 2020, , .		16
12	Comparative Analysis of Magnetic Core Loss Measurement Methods with Arbitrary Excitations. , 2019, , .		12
13	The Parasitic Capacitance of Magnetic Components with Ferrite Cores Due to Time-Varying Electromagnetic (EM) Field. , 2018, , .		11
14	Techniques of the modeling, measurement and reduction of common mode noise for a multi-winding switching transformer. , 2017, , .		10
15	Reduction and Cancellation Techniques for the Near Field Capacitive Coupling and Parasitic Capacitance of Inductors. , 2018, , .		8
16	Electric Near Field Emission From a 1Mhz Power Converter For Electric Vehicles. , 2021, , .		7
17	Investigating CM Voltage and Its Measurement for AC/DC Power Adapters to Meet Touchscreen Immunity Requirement. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1102-1110.	2.2	6
18	Investigation and Reduction of a Low-Frequency EMI Noise of AC/DC Power Adapters with Diode Bridge as Input Rectifier. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
19	Investigation and reduction of line frequency common mode voltages at the outputs of AC/DC power converters. , 2017, , .		5
20	Increase High Frequency Impedance of Ferrite Toroid Inductors Based on Electromagnetic Energy Analysis. , 2019, , .		2
21	Optimize the Winding Structure of Flyback Transformers with Arbitrary Phase-Shifted Current Waveforms. , 2019, , .		2
22	Investigating the interference of common mode noises of AC/DC power adapters to the touchscreens of consumer electronics. , 2017, , .		0