

Juntao Yao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Modeling, Analysis, and Reduction of Radiated EMI Due to the Voltage Across Input and Output Cables in an Automotive Non-Isolated Power Converter. IEEE Transactions on Power Electronics, 2022, 37, 5455-5465.	7.9	24
2	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
3	Advances in Modeling and Reduction of Conducted and Radiated EMI in Non-isolated Power Converters. , 2021, , .		16
4	Investigation of Noise Spectrum and Radiated EMI in High Switching Frequency Flyback Converters. , 2021, , .		14
5	Radiated EMI Reduction with Double Shielding Techniques in Active-clamp Flyback Converters. , 2021, , .		17
6	A Survey of Modeling and Reduction Techniques of Radiated EMI in Power Electronics. , 2021, , .		22
7	Electric Near Field Emission From a 1Mhz Power Converter For Electric Vehicles. , 2021, , .		7
8	Analysis and Reduction of Radiated EMI in High-Frequency GaN IC-based Active Clamp Flyback Converters. , 2020, , .		16
9	Modeling and Reduction of Radiated EMI in Non-isolated Power Converters in Automotive Applications. , 2020, , .		16
10	Near Field Coupling's Impact on Radiated EMI and Mitigation Techniques for Power Converters in Automotive Applications. , 2020, , .		12
11	Advances of Modeling and Reduction of Conducted and Radiated EMI in Flyback Converters. , 2020, , .		25
12	Radiated EMI Reduction by Layout Improvement in Power Converters in Automotive Applications. , 2020, , .		11
13	Design of CM Inductor Based on Core Loss for Radiated EMI Reduction in Power Converters. , 2019, , .		27
14	Comparative Analysis of Magnetic Core Loss Measurement Methods with Arbitrary Excitations. , 2019, , .		12
15	Increase High Frequency Impedance of Ferrite Toroid Inductors Based on Electromagnetic Energy Analysis. , 2019, , .		2
16	Measurement Techniques of Common Mode Currents, Voltages, and Impedances in a Flyback Converter for Radiated EMI Diagnosis. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1997-2005.	2.2	36
17	Investigation of Radiated EMI in Non-isolated Power Converters with Power Cables in Automotive Applications. , 2019, , .		22
18	A Universal DM/CM Physical Model for Power Transformer EMI Analysis within both Conducted and Radiated Frequency Ranges. , 2018, , .		11

#	ARTICLE	IF	CITATIONS
19	Modeling and Reduction of Radiated Common Mode Current in Flyback Converters. , 2018, , .		30
20	Measurement Techniques of CM Currents, Impedance and Voltages for Radiated EMI in Isolated Power Converters. , 2018, , .		11