

Peng Zhao

List of Publications by Year in descending order

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20
citing authors

#	ARTICLE	IF	CITATIONS
1	Decomposition and Synthesis of High-Order Compensated Inductive Power Transfer Systems for Improved Output Controllability. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4514-4523.	4.6	30
2	A 45-W Two-Stage Wireless Fast Charger Using Unregulated Inductive Power Transfer. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, 2, 287-296.	3.9	29
3	Small-Signal Model of an Inductive Power Transfer System Using LCC“LCC Compensation. IEEE Transactions on Industry Applications, 2022, 58, 1201-1210.	4.9	16
4	Horizontal Charging Area Extension Based on Switchable Relay Coils. IEEE Transactions on Industry Applications, 2022, 58, 1071-1080.	4.9	11
5	A Novel Wireless Fast Charger Using Unregulated IPT Stage. , 2019, , .		7
6	Dynamic State Estimation Enabled Health Indicator for Parametric Fault Detection in Switching Power Converters. IEEE Access, 2021, 9, 33224-33234.	4.2	7
7	Optimal Driving and Loading Scheme for Multiple-Receiver Inductive Power Transfer. IEEE Transactions on Industrial Electronics, 2022, 69, 12665-12675.	7.9	7
8	Time Domain Coupling Coefficient Estimation Using Transmitter-side Information in Wireless Power Transfer System. , 2019, , .		6
9	Coupling Coefficient and Load Estimation for Wireless Power Transfer Systems with Transmitter Side Input Current. , 2021, , .		6
10	A Novel Passive Current Sharing Method for a Two-Receiver-Coil IPT System. , 2020, , .		3
11	Reduced-Order Model for Inductive Power Transfer Systems. , 2021, , .		1
12	Heat Distribution of IPT Receiver with Low-Voltage and High-Current Output. , 2021, , .		0
13	Zero Voltage Switching of a Low-Power IPT System With High-Step Down Voltage Ratio. , 2020, , .		0
14	A ZVS Pulsewidth Modulation Scheme for Active Class-E Rectifier Based IPT Systems. , 2022, , .		0