

# Zhuhaobo Zhang

## List of Publications by Year in descending order

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16  
papers

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1307594

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docs citations

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times ranked

53  
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#	ARTICLE	IF	CITATIONS
1	A Coil Positioning Method Integrated With an Orthogonal Decoupled Transformer for Inductive Power Transfer Systems. IEEE Transactions on Power Electronics, 2022, 37, 9983-9998.	7.9	14
2	An Inductive Power Transfer Charging System With a Multiband Frequency Tracking Control for Misalignment Tolerance. IEEE Transactions on Power Electronics, 2022, 37, 11342-11355.	7.9	13
3	A Dual Shunt Inductor Compensated IPT System With Nearly Unity Power Factor for Wide Load Range and Misalignment Tolerance. IEEE Transactions on Industrial Electronics, 2022, 69, 10001-10013.	7.9	13
4	Minimizing Current in Inductive Power Transfer Systems With an Asymmetrical Factor for Misalignment Tolerance and Wide Load Range. IEEE Transactions on Power Electronics, 2021, 36, 9886-9896.	7.9	8
5	Modular Four-Channel 50 kW WPT System With Decoupled Coil Design for Fast EV Charging. IEEE Access, 2021, 9, 136083-136093.	4.2	18
6	Minimizing Primary Current Based on Asymmetric Parameter Design Method under Wide Load Range and Variable Coupling Condition in Inductive Power Transfer Systems. , 2021, , .		0
7	Analysis, Design, and Implementation of a Spatially Nested Magnetic Integration Method for Inductive Power Transfer Systems. IEEE Transactions on Power Electronics, 2021, 36, 7537-7549.	7.9	9
8	A Gyrator-Based Converting-Splitting Method of Designing Inductive Power Transfer Systems With Constant Current and Constant Voltage Charging. , 2021, , .		0
9	Design of an Inductive Power Transfer System with Constant Current and Constant Voltage Outputs Based on Multi-frequency Circuit. , 2021, , .		1
10	Analysis and Design of an IPT System Based on Shunt Inductor Compensation for Battery Charging Applications. , 2021, , .		0
11	A Primary Shunt Inductor Compensated Inductive Power Transfer System with Natural ZVS for Battery Charging Application. , 2021, , .		2
12	An Orthogonal Decoupled Transformer Design for Inductive Power Transfer Applications. , 2020, , .		2
13	An Integrated Inductive Power Transfer System Design With a Variable Inductor for Misalignment Tolerance and Battery Charging Applications. IEEE Transactions on Power Electronics, 2020, 35, 11544-11556.	7.9	41
14	An IPT System with Constant Current and Constant Voltage Output Features for EV Charging. , 2018, , .		13
15	An Inductive Power Transfer System Design with Large Misalignment Tolerance for EV Charging. , 2018, , .		2
16	EMI Filter Design Based on High-Frequency Modeling of Common-mode Chokes. , 2018, , .		9