

# Chengxuan Tao

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

133  
citations

1684188

5  
h-index

1720034

7  
g-index

13  
all docs

13  
docs citations

13  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	A High-Efficiency Wireless Power Transfer System Using Quasi-Z-Source Inverter and Current-Double Synchronous Rectifier for Low-Voltage and High-Current Applications. IEEE Transactions on Transportation Electrification, 2022, 8, 2758-2769.	7.8	5
2	A Research on Characteristics of Wireless Power Transfer System Based on LCC/N Magnetic Integration Compensation Circuit. , 2021, , .		3
3	Analysis and design of wireless power transfer system based on inductor&capacitor&capacitor/none magnetic integration compensation circuit. International Journal of Circuit Theory and Applications, 2021, 49, 3811-3825.	2.0	6
4	Design of wireless power transfer system for autonomous underwater vehicles considering seawater eddy current loss. Microsystem Technologies, 2021, 27, 3783-3792.	2.0	5
5	Power Stabilization With Double Transmitting Coils and T-Type Compensation Network for Dynamic Wireless Charging of EV. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1801-1812.	5.4	20
6	Load Parameter Joint Identification of Wireless Power Transfer System Based on the DC Input Current and Phase-Shift Angle. IEEE Transactions on Power Electronics, 2020, 35, 10542-10553.	7.9	37
7	Eddy Current Loss Analysis of Wireless Power Transfer System for Autonomous Underwater Vehicles. , 2020, , .		13
8	Null-Coupled Magnetic Integration for EV Wireless Power Transfer System. IEEE Transactions on Transportation Electrification, 2019, 5, 968-976.	7.8	24
9	Analysis of the input impedance of the rectifier and design of LCC compensation network of the dynamic wireless power transfer system. IET Power Electronics, 2019, 12, 2678-2687.	2.1	7
10	Study on Two-phase Interleaved ZCT-PWM Buck Converter for Wireless Charging System. , 2019, , .		3
11	Design and Optimization of Asymmetrical Spiral Rectangular Pads for EV Wireless Charging. , 2018, , .		5
12	optimization of T-type compensation network for a certain power fluctuation tolerance of the dynamic wireless power transmission. , 2018, , .		3
13	Analysis of power factor correction circuit for EV wireless charging system. , 2014, , .		2