Wei Wang

List of Publications by Year
in descending order

19	331	840776 11	888059 17
papers	citations	h-index	g-index

20	20	20	357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic Wireless Charging for Inspection Robots Based on Decentralized Energy Pickup Structure. IEEE Transactions on Industrial Informatics, 2018, 14, 1786-1797.	11.3	57
2	A Promoted Design for Primary Coil in Roadway-Powered System. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	39
3	Optimization Design of an Inductive Energy Harvesting Device for Wireless Power Supply System Overhead High-Voltage Power Lines. Energies, 2016, 9, 242.	3.1	36
4	Power Stabilization Based on Efficiency Optimization for WPT Systems With Single Relay by Frequency Configuration and Distribution Design of Receivers. IEEE Transactions on Power Electronics, 2017, 32, 7011-7024.	7.9	28
5	Coordinated Source Control for Output Power Stabilization and Efficiency Optimization in WPT Systems. IEEE Transactions on Power Electronics, 2018, 33, 3613-3621.	7.9	26
6	Hybrid wireless charging system for monitoring overhead 110ÂkV highâ€voltage power line equipment based on magnetoâ€electric conversion. IET Generation, Transmission and Distribution, 2016, 10, 1199-1208.	2.5	23
7	Optimization Analysis of Wireless Charging System for Monitoring Sensors Overhead the HVPLs Based on Impedance Matching. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1207-1216.	2.2	18
8	Optimisation design of realâ€time wireless power supply system overhead highâ€voltage power line. IET Electric Power Applications, 2019, 13, 206-214.	1.8	18
9	Stabilization Control of Output Power in Double-Source Wireless Power Transfer Systems Without Direct Output Feedback. IEEE Microwave and Wireless Components Letters, 2016, 26, 960-962.	3.2	15
10	Multipurpose Flexible Positioning Device Based on Electromagnetic Balance for EVs Wireless Charging. IEEE Transactions on Industrial Electronics, 2021, 68, 10229-10239.	7.9	14
11	Power Control Strategies of On-Road Charging for Electric Vehicles. Energies, 2016, 9, 531.	3.1	12
12	Optimization of Transmitting Coils Based on Uniform Magnetic Field for Unmanned Aerial Vehicle Wireless Charging System. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	12
13	Research on Uniform Magnetic Field Compensation Structure of Array Circular Coils for Wireless Power Transfer. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	11
14	Start-Up and Saturation Optimization of High-Power Energy Harvester With Compound Topologies Overhead AC Transmission Line. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3609-3617.	5.4	7
15	Power Stabilization Strategy of Random Access Loads in Electric Vehicles Wireless Charging System at Traffic Lights. Energies, 2016, 9, 811.	3.1	6
16	Moving impedance matching analysis for three-coil wireless power transfer system in mid-range. , 2016, , .		6
17	Comparative design methods of wireless power system for sensors with extended range using Class E inverter at a certain frequency. IET Microwaves, Antennas and Propagation, 2020, 14, 908-918.	1.4	2
18	Research on Optimization of Horizontal Omnidirectional Misalignment Tolerance of WPT Based on Double D Coupler. Electronics (Switzerland), 2022, 11, 2163.	3.1	1

#	Article	IF	Citations
19	Research on Investment Strategy and Evaluation Mechanism of Power Enterprises Considering Local Development Characteristics. Global Journal of Energy Technology Research Updates, 0, 8, 71-83.	0.2	0