

Yanling Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design of Compact Magnetic Coupler With Low Leakage EMF for AGV Wireless Power Transfer System. IEEE Transactions on Industry Applications, 2022, 58, 1044-1052.	4.9	14
2	An Improved Hybrid Shielding With $\lambda/4$ Coil for Wireless Power Transfer System. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 720-731.	2.2	3
3	A New Magnetic Coupler With High Rotational Misalignment Tolerance for Unmanned Aerial Vehicles Wireless Charging. IEEE Transactions on Power Electronics, 2022, 37, 12986-12991.	7.9	15
4	A switched capacitor battery equalization method for improving balancing speed. IET Electric Power Applications, 2021, 15, 555-569.	1.8	6
5	Current-Decomposition-Based Digital Phase Synchronization Method for BWPT System. IEEE Transactions on Power Electronics, 2021, 36, 12183-12188.	7.9	7
6	Robust Control for the IPT System With Parametric Uncertainty Using LMI Pole Constraints. IEEE Transactions on Power Electronics, 2020, 35, 1022-1035.	7.9	13
7	Hierarchical Multiobjective H-Infinity Robust Control Design for Wireless Power Transfer System Using Genetic Algorithm. IEEE Transactions on Control Systems Technology, 2019, 27, 1753-1761.	5.2	22
8	Two-Degree-of-Freedom H-Infinity Robust Control Optimization for the IPT System With Parameter Perturbations. IEEE Transactions on Power Electronics, 2018, 33, 10954-10969.	7.9	19
9	Impedance-Matching Range Extension Method for Maximum Power Transfer Tracking in IPT System. IEEE Transactions on Power Electronics, 2018, 33, 4419-4428.	7.9	60
10	General Integral Formulation of Magnetic Flux Computation and Its Application to Inductive Power Transfer System. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	7
11	Determining coil distance of cross-segmented IPT system for constant output voltage. , 2017, , .		8
12	Design and implementation of a novel WPT system for railway applications. , 2017, , .		3
13	General integral formulation of magnetic flux computation and its application in inductive power transfer system. , 2016, , .		0
14	Improved robust controller design for dynamic IPT system under mutual-inductance uncertainty. , 2015, , .		7