

Xin Ni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Automatic Impedance Matching Method With Adaptive Network Based Fuzzy Inference System for WPT. IEEE Transactions on Industrial Informatics, 2020, 16, 1076-1085.	11.3	17
2	Influences of Coil Radius on Effective Transfer Distance in WPT System. IEEE Access, 2019, 7, 125960-125968.	4.2	15
3	Maximizing Transfer Distance for WPT via Coupled Magnetic Resonances by Coupling Coils Design and Optimization. IEEE Access, 2020, 8, 74157-74166.	4.2	12
4	A Novel Single-Wire Power Transfer Method for Wireless Sensor Networks. Energies, 2020, 13, 5182.	3.1	10
5	A Novel Method of Wireless Power Transfer Identification and Resonance Decoupling Based on Frequency Hopping Communication. IEEE Access, 2019, 7, 161201-161210.	4.2	9
6	Directional Characteristics of Wireless Power Transfer via Coupled Magnetic Resonance. Electronics (Switzerland), 2020, 9, 1910.	3.1	8
7	Novel impedance matching method based on negative resistors for WPT. Journal of Power Electronics, 2020, 20, 1099-1108.	1.5	1
8	Transfer characteristics analysis of bilayer coil structures for wireless power transfer systems. Journal of Power Electronics, 2021, 21, 840-851.	1.5	1