

Yan Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

123
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Wireless Power and Information Transmission Technology Based on the Triangular Current Waveform. IEEE Transactions on Power Electronics, 2018, 33, 1368-1377.	7.9	40
2	High-Efficiency Coupling-Insensitive Wireless Power and Information Transmission Based on the Phase-Shifted Control. IEEE Transactions on Power Electronics, 2018, 33, 7821-7831.	7.9	22
3	Predicting Core Losses Under the DC Bias Based on the Separation Model. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 833-840.	5.4	14
4	WPIT technology based on the fundamentalâ€œharmonic component for a singleâ€œchannel and twoâ€œcoil ICPT system. IET Power Electronics, 2019, 12, 2608-2614.	2.1	14
5	A Simple Brightness and Color Control Method for LED Lighting Based on Wireless Power Transfer. IEEE Access, 2018, 6, 51477-51483.	4.2	11
6	Simultaneous Wireless Power and Information Transfer Based on Phase-Shift Modulation in ICPT System. IEEE Transactions on Energy Conversion, 2021, 36, 629-639.	5.2	10
7	An Adaptive Electrothermal Model for Estimating the Junction Temperature of Power Device. IEEE Transactions on Electron Devices, 2021, 68, 3475-3482.	3.0	5
8	Simultaneous Wireless Power and Data Transmission Based on Unsymmetrical Current Waveforms With Duty Cycle Modulation. IEEE Access, 2020, 8, 16495-16504.	4.2	4
9	Redefining the Channel Bandwidth for Simultaneous Wireless Power and Information Transfer. IEEE Transactions on Industrial Electronics, 2022, 69, 6881-6891.	7.9	3
10	The Design of a Contactless Unregulated Power Converter for the Separated Modules. Energies, 2020, 13, 4118.	3.1	0