

# Deyan Lin

## List of Publications by Year in descending order

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18  
papers

1,064  
citations

840776

11  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

853  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unified Load-Independent ZPA Analysis and Design in CC and CV Modes of Higher Order Resonant Circuits for WPT Systems. IEEE Transactions on Transportation Electrification, 2019, 5, 977-987.	7.8	71
2	Load-Independent Voltage and Current Transfer Characteristics of High-Order Resonant Network in IPT System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 422-436.	5.4	70
3	Mathematic Analysis of Omnidirectional Wireless Power Transfer Part-II Three-Dimensional Systems. IEEE Transactions on Power Electronics, 2017, 32, 613-624.	7.9	106
4	Mathematical Analysis of Omnidirectional Wireless Power Transfer Part-I: Two-Dimensional Systems. IEEE Transactions on Power Electronics, 2017, 32, 625-633.	7.9	63
5	Efficiency optimization method of inductive coupling wireless power transfer system with multiple transmitters and single receiver. , 2016, , .		13
6	Front-End Monitoring of the Mutual Inductance and Load Resistance in a Series Series Compensated Wireless Power Transfer System. IEEE Transactions on Power Electronics, 2016, 31, 7339-7352.	7.9	136
7	Front-end monitoring of multiple loads in wireless power transfer systems without wireless communication systems. IEEE Transactions on Power Electronics, 2016, 31, 2510-2517.	7.9	71
8	Omni-directional wireless power transfer systems using discrete magnetic field vector control. , 2015, , .		5
9	Power and efficiency of 2-D omni-directional wireless power transfer systems. , 2015, , .		6
10	A Systematic Approach for Load Monitoring and Power Control in Wireless Power Transfer Systems Without Any Direct Output Measurement. IEEE Transactions on Power Electronics, 2015, 30, 1657-1667.	7.9	138
11	Basic Control Principles of Omni-Directional Wireless Power Transfer. IEEE Transactions on Power Electronics, 2015, , 1-1.	7.9	68
12	Parameter identification of wireless power transfer systems using input voltage and current. , 2014, , .		30
13	Gas Discharge Lamps Are Volatile Memristors. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 2066-2073.	5.4	34
14	Monitoring of multiple loads in wireless power transfer systems without direct output feedback. , 2014, , .		5
15	Two- and Three-Dimensional Omnidirectional Wireless Power Transfer. IEEE Transactions on Power Electronics, 2014, 29, 4470-4474.	7.9	170
16	Load monitoring and output power control of a wireless power transfer system without any wireless communication feedback. , 2013, , .		14
17	Modeling of Cold Cathode Fluorescent Lamps (CCFLs) With Realistic Electrode Profile. IEEE Transactions on Power Electronics, 2010, 25, 699-709.	7.9	8
18	A Simple Method for Comparative Study on the Thermal Performance of LEDs and Fluorescent Lamps. IEEE Transactions on Power Electronics, 2009, 24, 1811-1818.	7.9	56