

# Deyan Lin

## List of Publications by Year in descending order

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18  
papers

1,064  
citations

840776

11  
h-index

1199594

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18  
all docs

18  
docs citations

18  
times ranked

853  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Two- and Three-Dimensional Omnidirectional Wireless Power Transfer. IEEE Transactions on Power Electronics, 2014, 29, 4470-4474.   | 7.9 | 170       |
| 2  | 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       |
| 3  | 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       |
| 4  | Mathematic Analysis of Omnidirectional Wireless Power Transfer-Part-II Three-Dimensional Systems. IEEE Transactions on Power Electronics, 2017, 32, 613-624.                                       | 7.9 | 106       |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | Basic Control Principles of Omni-Directional Wireless Power Transfer. IEEE Transactions on Power Electronics, 2015, , 1-1.   | 7.9 | 68        |
| 9  | Mathematical Analysis of Omnidirectional Wireless Power Transfer-Part-I: Two-Dimensional Systems. IEEE Transactions on Power Electronics, 2017, 32, 625-633.                                       | 7.9 | 63        |
| 10 | 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        |
| 11 | Gas Discharge Lamps Are Volatile Memristors. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 2066-2073.   | 5.4 | 34        |
| 12 | Parameter identification of wireless power transfer systems using input voltage and current. , 2014, , .   |     | 30        |
| 13 | Load monitoring and output power control of a wireless power transfer system without any wireless communication feedback. , 2013, , .  |     | 14        |
| 14 | Efficiency optimization method of inductive coupling wireless power transfer system with multiple transmitters and single receiver. , 2016, , .  |     | 13        |
| 15 | Modeling of Cold Cathode Fluorescent Lamps (CCFLs) With Realistic Electrode Profile. IEEE Transactions on Power Electronics, 2010, 25, 699-709.  | 7.9 | 8         |
| 16 | Power and efficiency of 2-D omni-directional wireless power transfer systems. , 2015, , .  |     | 6         |
| 17 | Monitoring of multiple loads in wireless power transfer systems without direct output feedback. , 2014, , .  |     | 5         |
| 18 | Omni-directional wireless power transfer systems using discrete magnetic field vector control. , 2015, , .   |     | 5         |