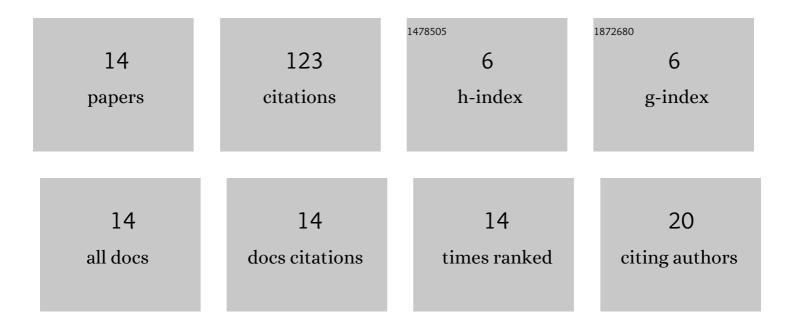
## Peng Zhao

## List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Decomposition and Synthesis of High-Order Compensated Inductive Power Transfer Systems for<br>Improved Output Controllability. IEEE Transactions on Microwave Theory and Techniques, 2019, 67,<br>4514-4523. | 4.6 | 30        |
| 2  | A 45-W Two-Stage Wireless Fast Charger Using Unregulated Inductive Power Transfer. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, 2, 287-296.                                 | 3.9 | 29        |
| 3  | Small-Signal Model of an Inductive Power Transfer System Using LCC–LCC Compensation. IEEE<br>Transactions on Industry Applications, 2022, 58, 1201-1210.   | 4.9 | 16        |
| 4  | Horizontal Charging Area Extension Based on Switchable Relay Coils. IEEE Transactions on Industry<br>Applications, 2022, 58, 1071-1080.  | 4.9 | 11        |
| 5  | A Novel Wireless Fast Charger Using Unregulated IPT Stage. , 2019, , .   |     | 7         |
| 6  | Dynamic State Estimation Enabled Health Indicator for Parametric Fault Detection in Switching Power<br>Converters. IEEE Access, 2021, 9, 33224-33234.  | 4.2 | 7         |
| 7  | Optimal Driving and Loading Scheme for Multiple-Receiver Inductive Power Transfer. IEEE<br>Transactions on Industrial Electronics, 2022, 69, 12665-12675.  | 7.9 | 7         |
| 8  | Time Domain Coupling Coefficient Estimation Using Transmitter-side Information in Wireless Power Transfer System. , 2019, , .  |     | 6         |
| 9  | Coupling Coefficient and Load Estimation for Wireless Power Transfer Systems with Transmitter Side Input Current. , 2021, , .  |     | 6         |
| 10 | A Novel Passive Current Sharing Method for a Two-Receiver-Coil IPT System. , 2020, , .   |     | 3         |
| 11 | Reduced-Order Model for Inductive Power Transfer Systems. , 2021, , .  |     | 1         |
| 12 | Heat Distribution of IPT Receiver with Low-Voltage and High-Current Output. , 2021, , .  |     | 0         |
| 13 | Zero Voltage Switching of a Low-Power IPT System With High-Step Down Voltage Ratio. , 2020, , .  |     | 0         |
| 14 | A ZVS Pulsewidth Modulation Scheme for Active Class-E Rectifier Based IPT Systems. , 2022, , .   |     | 0         |

A ZVS Pulsewidth Modulation Scheme for Active Class-E Rectifier Based IPT Systems. , 2022, , . 14