

# Zhaotian Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

242  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

197  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized Design of Integrated Planar Matrix Transformer for LLC Converter in Consumer Electronics. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 2254-2264.	5.4	7
2	A Monitoring Equipment Charging System for HVTL Based on Domino-Resonator WPT With Constant Current or Constant Voltage Output. IEEE Transactions on Power Electronics, 2022, 37, 3668-3680.	7.9	29
3	A Bidirectional Integrated Equalizer Based on the Sepic-Zeta Converter for Hybrid Energy Storage System. IEEE Transactions on Power Electronics, 2022, 37, 12659-12668.	7.9	16
4	A Compact-Size Multi-Winding Transformer-Based Discharge Equalizer for Electric Two-Wheelers and Three-Wheelers Vehicles Power Battery. IEEE Transactions on Vehicular Technology, 2022, 71, 4889-4897.	6.3	3
5	A Low-Cost Multiwinding Transformer Balancing Topology for Retired Series-Connected Battery String. IEEE Transactions on Power Electronics, 2021, 36, 4931-4936.	7.9	39
6	A High Step-Down Buck-Boost Converter Based on Coupled Inductor With Wide Input Range. , 2021, , .		1
7	A Hybrid Transmitter-Based Efficiency Improvement Controller With Full-Bridge Dual Resonant Tank for Misalignment Condition. IEEE Transactions on Power Electronics, 2020, 35, 1124-1135.	7.9	16
8	Dynamic Improvement of Inductive Power Transfer Systems With Maximum Energy Efficiency Tracking Using Model Predictive Control: Analysis and Experimental Verification. IEEE Transactions on Power Electronics, 2020, 35, 12752-12764.	7.9	33
9	Efficiency Improvement of Wireless Power Transfer Based on Multitransmitter System. IEEE Transactions on Power Electronics, 2020, 35, 9011-9023.	7.9	36
10	A New-Variable-Coil-Structure-Based IPT System With Load-Independent Constant Output Current or Voltage for Charging Electric Bicycles. IEEE Transactions on Power Electronics, 2018, 33, 8226-8230.	7.9	62