

Zhenyan Liang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

164
citations

1307594
7
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology-Reconfigurable Capacitor Matrix for Encrypted Dynamic Wireless Charging of Electric Vehicles. IEEE Transactions on Vehicular Technology, 2018, 67, 9284-9293.	6.3	32
2	Multiple-Frequency Resonating Compensation for Multichannel Transmission of Wireless Power Transfer. IEEE Transactions on Power Electronics, 2021, 36, 5169-5180.	7.9	29
3	Space-Vector-Optimized Predictive Control for Dual Three-Phase PMSM With Quick Current Response. IEEE Transactions on Power Electronics, 2022, 37, 4453-4462.	7.9	28
4	Mutual-Inductance-Dynamic-Predicted Constant Current Control of <i>LCC-P</i> Compensation Network for Drone Wireless In-Flight Charging. IEEE Transactions on Industrial Electronics, 2022, 69, 12710-12719.	7.9	23
5	Dynamic-Balancing Robust Current Control for Wireless Drone-in-Flight Charging. IEEE Transactions on Power Electronics, 2022, 37, 3626-3635.	7.9	21
6	Single-Transmitter Multiple-Pickup Wireless Power Transfer: Advantages, Challenges, and Corresponding Technical Solutions. IEEE Industrial Electronics Magazine, 2020, 14, 123-135.	2.6	19
7	Analysis and Control of Optimal Power Distribution for Multi-Objective Wireless Charging Systems. Energies, 2018, 11, 1726.	3.1	8
8	Modeless Prediction of Variable Coupling Effect for Multiple-Load Wireless Power Transfer. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	4
9	Analysis and Optimization of Equivalent Load for Multichannel Transmission of Wireless Power Transfer. IEEE Transactions on Magnetics, 2021, 57, 1-6.	2.1	0