

Youyuan Zhang

List of Publications by Year in descending order

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8
papers

501
citations

1478505

6
h-index

1872680

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g-index

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all docs

8
docs citations

8
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Inductive Power Transfer for Massive Electric Bicycles Charging Based on Hybrid Topology Switching With a Single Inverter. IEEE Transactions on Power Electronics, 2017, 32, 5897-5906.	7.9	189
2	Improving Misalignment Tolerance for IPT System Using a Third-Coil. IEEE Transactions on Power Electronics, 2019, 34, 3009-3013.	7.9	118
3	Hybrid Topology With Configurable Charge Current and Charge Voltage Output-Based WPT Charger for Massive Electric Bicycles. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1581-1594.	5.4	80
4	Optimization of the Passive Components for an S-LCC Topology-Based WPT System for Charging Massive Electric Bicycles. IEEE Transactions on Industrial Electronics, 2018, 65, 5497-5508.	7.9	59
5	A Dynamic Tuning Method Utilizing Inductor Paralleled With Load for Inductive Power Transfer. IEEE Transactions on Power Electronics, 2018, 33, 10924-10934.	7.9	22
6	A voltage stress optimization method of capacitive power transfer charging system. , 2017, , .		20
7	A Three-Coil Inductively Power Transfer System with Constant Voltage Output. Energies, 2018, 11, 673.	3.1	8
8	Inductive power transfer for electric bicycles charging based on variable compensation capacitor. , 2017, , .		5