

Dawei Gao

List of Publications by Year in descending order

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papers

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21
times ranked

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#	ARTICLE	IF	CITATIONS
1	Equivalence-Principle-Based Modeling and Analysis of Coil Assemblies Applied in Electric Vehicle Inductive Chargers. IEEE Transactions on Magnetics, 2022, 58, 1-13.	2.1	0
2	Analytical and experimental investigations of optimal load impedance in LCC-compensated inductive power transfer systems. ETransportation, 2022, 11, 100153.	14.8	2
3	3-D Vector-Based Model Predictive Current Control for Open-End Winding PMSG System With Zero-Sequence Current Suppression. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 242-258.	5.4	25
4	Improving Quality Factor of Ferrite-Core Inductors Applied in Inductive Power Transfer. , 2021, , .		2
5	Finite Element Analysis-Aided Optimization of Rectangular Coil Assemblies Applied in Electric Vehicle Inductive Chargers. World Electric Vehicle Journal, 2021, 12, 219.	3.0	1
6	Highly effective leakage magnetic field suppression by using a reactive coil in perfectly aligned EV wireless charging systems. Journal of Power Electronics, 2020, 20, 11-21.	1.5	4
7	Vibration Optimization of FSCW-IPM Motor Based on Iron-Core Modification for Electric Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 14834-14845.	6.3	19
8	High-Frequency Voltage and Current Sense Circuits for Inductive Power Transfer Systems. IEEE Transactions on Power Electronics, 2020, 35, 11352-11362.	7.9	7
9	Comparison and analysis of permanent magnet vernier motors for low-noise in-wheel motor application. IET Electric Power Applications, 2020, 14, 274-281.	1.8	6
10	Vibration Suppression of FSCW-IPM with Auxiliary Slots. , 2018, , .		9
11	A novel flux oriented V/f control method of induction motor based industrial adjustable speed drives. , 2018, , .		5
12	A comparison of different types of motors used for low speed electric vehicles: Experiments and simulations. , 2014, , .		8
13	Development of HIL test platform based on veristand for hybrid powertrain controller. , 2014, , .		1
14	Strategy of efficiency optimization of PMSM-DTC system used for EVs. , 2014, , .		4
15	Research on control method of induction motor for fuel cell hybrid vehicles. , 2011, , .		0
16	The digital control of auxiliary DC-DC converter on fuel cell vehicle. , 2008, , .		0
17	Development and application of fuel cell hybrid powertrain simulation platform. , 2008, , .		1
18	A new scheme for on-load tap-changer of transformers. , 0, , .		15

#	ARTICLE	IF	CITATIONS
19	A novel thyristor assisted diverter switch for on load transformer tap changer. , 0, , .		3
20	Design and performance of an active power filter for unbalanced loads. , 0, , .		13