

Longnv Li

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

176
citations

1307594

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docs citations

30
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	A Quantitative Comparison Study of Power-Electronic-Driven Flux-Modulated Machines Using Magnetic Field and Thermal Field Co-Simulation. IEEE Transactions on Industrial Electronics, 2015, 62, 6076-6084.	7.9	37
2	Optimal Design of Magnetic Gears With a General Pattern of Permanent Magnet Arrangement. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	23
3	Cooling System Design of a High-Speed PMSM Based on a Coupled Fluidic-Thermal Model. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	14
4	Design and Analysis of a Self-Circulated Oil Cooling System Enclosed in Hollow Shafts for Axial-Flux PMSMs. IEEE Transactions on Vehicular Technology, 2022, 71, 4879-4888.	6.3	14
5	Research of Short-Circuit Performance of a Split-Winding Transformer With Stabilizing Windings. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	13
6	Investigation of Arc Characteristics of a DC Vacuum Circuit Breaker With Double-Break Under Asynchronous Interrupting. IEEE Transactions on Plasma Science, 2019, 47, 3533-3539.	1.3	11
7	Analysis of Dynamic Arc Parameters for Vacuum Circuit Breaker Under Short-Circuit Current Breaking. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	11
8	Estimation of state-of-charge based on unscented Kalman particle filter for storage lithium-ion battery. Journal of Engineering, 2019, 2019, 1858-1863.	1.1	7
9	Cooling System Design Optimization of a High Power Density PM Traction Motor for Electric Vehicle Applications. Journal of Electrical Engineering and Technology, 2021, 16, 3061-3068.	2.0	7
10	Detection method of low voltage series DC arc based on the pattern matching algorithm. , 2017, , .		6
11	Design and Optimization of a Novel HTS Flux-Modulated Linear Motor Using Halbach Permanent Magnet Arrays. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	6
12	Design Optimization of a HTS-Modulated PM Wind Generator. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	6
13	Prediction of oil flow and temperature distribution of transformer winding based on multi-field coupled approach. Journal of Engineering, 2019, 2019, 2007-2012.	1.1	4
14	Design and analysis of different cooling schemes of a flux-modulated permanent magnet in-wheel motor for electric vehicle applications. IET Electric Power Applications, 2021, 15, 348-358.	1.8	4
15	Comparative analysis of 3-D magnetic field for axial magnetic field vacuum interrupter contact with different iron core structure. , 2017, , .		2
16	Calculation and Analysis of Short-circuit Performance of a Split-Winding Transformer with Stabilizing Windings. , 2018, , .		2
17	Experimental and Simulation Research on Delay-Time Breaking Property of DC Vacuum Circuit Breaker (VCB) with Multi-breaks. , 2018, , .		2
18	A full-domain fluidic-thermal approach for a high-speed PMSM considering the bearing components. IET Electric Power Applications, 2022, 16, 169-177.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Analyse of Vacuum Arc Characteristics under Short-Circuit Breaking. , 2018, , .		1
20	Analytical Analysis and Cooling System Design of a High-Speed Permanent Magnet Motor Utilizing an Amorphous Metal Core. , 2018, , .		1
21	Calculation and Analysis of Short-circuit Performance of a Split-Winding Transformer with Stabilizing Windings. , 2018, , .		1
22	Comprehensive Thermal Analysis of Oil-Immersed Auto-Transformer Based on Multi-Physics Analyses. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	1
23	A Novel Neural Network Cell Method for Solving Nonlinear Electromagnetic Problems. Advanced Theory and Simulations, 2021, 4, 2100216.	2.8	1
24	Research on sheath development of vacuum circuit breaker based on continuous transition model. , 2017, , .		0
25	Optimization design and application of converter parameters of DC vacuum circuit breaker. , 2017, , .		0
26	Research on the simulation of vacuum arc under low current interruption. , 2017, , .		0
27	Research of efficient FEM algorithm with precise and parallel computing. , 2017, , .		0
28	Analysis of Dynamic Arc Parameters for Vacuum Circuit Breaker under Short-circuit Current Breaking. , 2018, , .		0
29	A Novel Vacuum Interruption Contact Design for High Current DC Vacuum Circuit Breaker. , 2018, , .		0
30	An effective educational tool for straightforward learning of numerical modeling in engineering electromagnetics. Computer Applications in Engineering Education, 0, , .	3.4	0