

Dawei Liang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

200
citations

1478505

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h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Parameter Estimation for Permanent Magnet Synchronous Machines: An Overview. IEEE Access, 2021, 9, 59059-59084.	4.2	80
2	Investigation of PM Eddy Current Losses in Surface-Mounted PM Motors Caused by PWM. IEEE Transactions on Power Electronics, 2019, 34, 11253-11263.	7.9	33
3	A Hybrid Lumped-Parameter and Two-Dimensional Analytical Thermal Model for Electrical Machines. IEEE Transactions on Industry Applications, 2021, 57, 246-258.	4.9	24
4	Estimation of 3-D Magnet Temperature Distribution Based on Lumped-Parameter and Analytical Hybrid Thermal Model for SPMSM. IEEE Transactions on Energy Conversion, 2022, 37, 515-525.	5.2	18
5	Improved Low-Order Thermal Model for Critical Temperature Estimation of PMSM. IEEE Transactions on Energy Conversion, 2022, 37, 413-423.	5.2	15
6	Influence of Critical Parameters in Lumped-Parameter Thermal Models for Electrical Machines. , 2019, , .		8
7	Effect of End-Winding on Electromagnetic Performance of Fractional Slot and Vernier PM Machines With Different Slot/Pole Number Combinations and Winding Configurations. IEEE Access, 2022, 10, 49934-49955.	4.2	7
8	Combined Lumped-Parameter and Simplified 2-D Analytical Thermal Model of Totally Enclosed Water Cooled PM Machine. , 2019, , .		4
9	Estimation of Two- and Three-dimensional Spatial Magnet Temperature Distributions for Interior PMSMs Based on Hybrid Analytical and Lumped-parameter Thermal Model. IEEE Transactions on Energy Conversion, 2022, , 1-1.	5.2	4
10	Simplified 3-D Hybrid Analytical Modelling of Magnet Temperature Distribution for Surface-mounted PMSM With Segmented Magnets. IEEE Transactions on Industry Applications, 2022, 58, 4474-4487.	4.9	4
11	Tracking of Winding and Magnet Hotspots in SPMSMs Based on Synergized Lumped-parameter and Sub-domain Thermal Models. IEEE Transactions on Energy Conversion, 2022, , 1-1.	5.2	2
12	Simplified 3-D Hybrid Analytical Modelling of Magnet Temperature Distribution for Surfacemounted PMSM with Segmented Magnets. , 2021, , .		1