

Xikang Cheng

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Concise Transmitted Torque Calculation Method for Pre-Design of Axial Permanent Magnetic Coupler. IEEE Transactions on Energy Conversion, 2020, 35, 938-947.	5.2	16
2	Automatic Detection and Segmentation of Laser Stripes for Industrial Measurement. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4507-4515.	4.7	9
3	Semi-Analytical Model for Temperature Estimation of Permanent Magnet Couplers. IEEE Transactions on Energy Conversion, 2021, 36, 2068-2078.	5.2	6
4	A simple modelling on transmission torque of eddy-current axial magnetic couplings considering thermal effect. IET Electric Power Applications, 2022, 16, 434-446.	1.8	3
5	Thermal Analysis Strategy for Axial Permanent Magnet Coupling Combining FEM with Lumped-Parameter Thermal Network. Energies, 2020, 13, 5019.	3.1	2
6	<i>In Situ</i> Magnetic Field Reconstruction and Torque Estimation for PMECCs. IEEE Transactions on Industrial Electronics, 2022, 69, 13535-13543.	7.9	1
7	Eddy Current Loss Calculation for Permanent Magnet Eddy-current Coupler. , 2020, , .		0