

Xicai Liu

List of Publications by Year in descending order

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papers

164
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1937685

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2272923

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141
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Predictive Current Control of Permanent-Magnet Synchronous Motors With Newly Designed Cost Function. IEEE Transactions on Power Electronics, 2020, 35, 10778-10788.	7.9	68
2	Robustness Improvement of Model-Based Sensorless SPMSM Drivers Based on an Adaptive Extended State Observer and an Enhanced Quadrature PLL. IEEE Transactions on Power Electronics, 2021, 36, 4802-4814.	7.9	47
3	Enhanced Generalized Vector Control Strategy for Torque Ripple Mitigation of IPM-Type Brushless DC Motors. IEEE Transactions on Power Electronics, 2019, 34, 12038-12049.	7.9	19
4	Hybrid-Excited Multi-Tooth Flux Switching Brushless Machines for EV Propulsion. , 2019, , .		14
5	Continuous Control Set Predictive Speed Control of SPMSM Drives With Short Prediction Horizon. IEEE Transactions on Power Electronics, 2022, 37, 10166-10177.	7.9	13
6	Sensorless Starting Control of Permanent Magnet Synchronous Motors with Step-up Transformer for Downhole Electric Drilling. , 2018, , .		3