

Xing Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Model-Free Predictive Current Control for Three-Level Inverter-Fed IPMSM With an Improved Current Difference Updating Technique. IEEE Transactions on Energy Conversion, 2021, 36, 3334-3343.	5.2	24
2	An Improved Finite-Control-Set Model Predictive Flux Control for Asymmetrical Six-Phase PMSMs With a Novel Duty-Cycle Regulation Strategy. IEEE Transactions on Energy Conversion, 2021, 36, 1289-1299.	5.2	17
3	Electric-Drive-Reconstructed Onboard Charger for Solar-Powered Electric Vehicles Incorporating Six-Phase Machine. IEEE Transactions on Power Electronics, 2022, 37, 6544-6555.	7.9	14
4	Model Predictive Virtual-Flux Control of Three-Phase Vienna Rectifier Without Voltage Sensors. IEEE Access, 2019, 7, 169338-169349.	4.2	10
5	Pre- and Post-Fault Operations of Six-Phase Electric-Drive-Reconstructed Onboard Charger for Electric Vehicles. IEEE Transactions on Transportation Electrification, 2022, 8, 1981-1993.	7.8	10
6	An Over-Modulated Model Predictive Current Control for Permanent Magnet Synchronous Motors. IEEE Access, 2022, 10, 40391-40401.	4.2	10
7	Model-free predictive current control for IPMSMs with multiple current difference updating technique. Journal of Power Electronics, 2021, 21, 574-582.	1.5	3
8	Reference voltage vector based model predictive control for semicontrolled openâ€winding fluxâ€switching permanent magnet generator system with a novel zeroâ€sequence current suppression strategy. IET Renewable Power Generation, 2021, 15, 477-490.	3.1	2
9	Performance evaluation of fault-tolerance operation of three-phase voltage source rectifier with predictive control. , 2018, , .		1