

# Hongmei Li

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Non-Cascaded Model-Free Predictive Speed Control of SMPMSM Drive System. IEEE Transactions on Energy Conversion, 2022, 37, 153-162.	5.2	10
2	The Multi-Objective Robust Optimization Design of Ultra-High Efficiency Induction Machine. IEEE Transactions on Electrical and Electronic Engineering, 2022, 17, 242-251.	1.4	0
3	Model Predictive Direct Speed Control With Novel Cost Function for SMPMSM Drives. IEEE Transactions on Power Electronics, 2022, 37, 9586-9595.	7.9	6
4	Optimal Solution for Model Predictive Current Control of Surface Mounted Permanent Magnet Synchronous Motor Based on Trigonometrical Substitution. IEEE Transactions on Energy Conversion, 2022, 37, 2338-2347.	5.2	1
5	Model-Free Control of Single-Phase Boost AC/DC Converters. IEEE Transactions on Power Electronics, 2022, 37, 11828-11838.	7.9	7
6	A Deadbeat Modulated Model-free Predictive Current Control of SMPMSM Drive System. , 2021, , .		2
7	Cascaded model-free predictive control for single-phase boost power factor correction converters. International Journal of Robust and Nonlinear Control, 2021, 31, 5016-5032.	3.7	6
8	Model-free Current Control of Boost PFC Converters in Synchronous Reference Frame. , 2021, , .		0
9	Electromagnetic Interference Analysis of Permanent Magnet Linear Synchronous Launchers. IEEE Transactions on Plasma Science, 2020, 48, 1309-1315.	1.3	4
10	Modulated Model-Free Predictive Control With Minimum Switching Losses for PMSM Drive System. IEEE Access, 2020, 8, 20942-20953.	4.2	31
11	Cascaded Proportional Control With Algebraic Estimators for PFC AC/DC Converters. IEEE Transactions on Power Electronics, 2019, 34, 12504-12512.	7.9	21
12	Model Free Deadbeat Predictive Speed Control of Surface-Mounted Permanent Magnet Synchronous Motor Drive system. Journal of Electrical Engineering and Technology, 2019, 14, 265-274.	2.0	19
13	Model-free predictive control for power decoupling integrated PFC converters. , 2019, , .		3
14	Continuous Voltage Vector Model-Free Predictive Current Control of Surface Mounted Permanent Magnet Synchronous Motor. IEEE Transactions on Energy Conversion, 2019, 34, 899-908.	5.2	71
15	Model-free control of surface mounted PMSM drive system. , 2016, , .		40
16	The full rank identification of PM flux linkage for PMSM. , 2016, , .		4
17	Model-free power control of front-end PFC AC/DC converter for on-board charger. , 2016, , .		2
18	Design and optimization of a concentrated flux transverse flux permanent motor. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Integrated fault diagnosis and fault-tolerant control of IPMSM system. , 2014, , .		1
20	Improvement of dynamic performance for the direct torque controlled induction motor system fed by a three-level inverter. , 2010, , .		0
21	Sliding-mode PID control of DC-DC converter. , 2010, , .		19
22	Small-Signal Stability Analysis of a Grid Connected Doubly-Fed Induction Generator Under Decoupled P-Q Control. , 2009, , .		3
23	Hopf bifurcation and its control in an induction motor system with indirect field oriented control. , 2009, , .		3
24	Stabilizing the sustained oscillation in an induction motor system with indirect field-oriented control by time-delayed state feedback. , 2009, , .		0
25	A new control method for PWM voltage-source converters under unbalanced input voltage condition. , 2009, , .		1
26	Limit cycle caused by unstable equilibrium points and its stability analysis in the induction motor drive system. , 2007, , .		0
27	Sustained oscillation of an inverter-fed induction motor drive system and its stabilization. , 2005, , .		2
28	Adaptive Integral-Type Direct Speed Control of SMPMSM Drive System Based on Ultra-Local Model. IEEJ Transactions on Electrical and Electronic Engineering, 0, , .	1.4	0