

Yingjie He

List of Publications by Year in descending order

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20
papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Passivity-Based Model Predictive Control of Three-Level Inverter-Fed Induction Motor. IEEE Transactions on Power Electronics, 2021, 36, 1984-1993.	7.9	26
2	Encoderless Parallel Predictive Torque Control for Induction Machine Using a Robust Model Reference Adaptive System. IEEE Transactions on Energy Conversion, 2022, 37, 232-242.	5.2	16
3	Back-EMF-based sensorless control system of hybrid SRM for high-speed operation. IET Electric Power Applications, 2018, 12, 867-873.	1.8	14
4	A Drive Topology for High-Speed SRM With Bidirectional Energy Flow and Fast Demagnetization Voltage. IEEE Transactions on Industrial Electronics, 2021, 68, 9242-9253.	7.9	11
5	Voltage-Sourced Converter Fed High-Speed Switched Reluctance Motor Drive System With Energy Feedback and Near-Unity Power Factor. IEEE Transactions on Industrial Electronics, 2022, 69, 3460-3470.	7.9	9
6	A Centralized Control Strategy for Grid-Connected High-Speed Switched Reluctance Motor Drive System With Power Factor Correction. IEEE Transactions on Energy Conversion, 2021, 36, 2163-2172.	5.2	7
7	A Low-Complexity Gradient Descent Solution With Backtracking Iteration Approach for Finite Control Set Predictive Current Control. IEEE Transactions on Industrial Electronics, 2022, 69, 4522-4533.	7.9	6
8	Suspending control scheme of 8/10 bearingless SRM based on adaptive fuzzy PID controller. Chinese Journal of Electrical Engineering, 2016, 2, 60-67.	3.4	5
9	Iterative Gradient Descent-Based Finite Control Set Predictive Current Control With Least-Squares Optimized Duty Cycles. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 1422-1433.	5.4	3
10	Sensorless Estimation of Single-Phase Hybrid SRM using Back-EMF. Journal of Electrical Engineering and Technology, 2017, 12, 198-206.	2.0	3
11	Gradient Descent-Based Objective Function Reformulation for Finite Control Set Model Predictive Current Control With Extended Horizon. IEEE Transactions on Industrial Electronics, 2022, 69, 8667-8678.	7.9	3
12	Computationally Efficient Predictive Current Control With Finite Set Extension Using Derivative Projection for IM Drives. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 1345-1357.	5.4	3
13	Multistep Model Predictive Control for Electrical Drives—A Fast Quadratic Programming Solution. Symmetry, 2022, 14, 626.	2.2	2
14	Position estimation scheme of single-phase hybrid SRM using back-EMF. , 2016, , .		0
15	Suspending control method of BLSRM based on adaptive fuzzy PID controller. , 2016, , .		0
16	A Cascaded Extended State Observer for Three-level Back-to-back Converter with Surface Mounted Permanent Magnet Synchronous Motor. , 2019, , .		0
17	Extended Kalman Filter based Encoderless Predictive Current Control for Induction Machine Drives. , 2021, , .		0
18	Sliding-Mode Disturbance Observer based Parallel Predictive Torque Controller for Induction Machine Drives. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Cascaded Predictive Current Control with a Piecewise Approach for Induction Machine Drives. , 2021, , .		0
20	An Assessment of Finite Control Set Predictive Current Control with Concept of Variable Switching Point or Parallel Cost Function for Induction Motor. , 2021, , .		0