

Xi-Mei Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Advanced Contouring Compensation Approach via Newton-ILC and Adaptive Jerk Control for Biaxial Motion System. IEEE Transactions on Industrial Electronics, 2022, 69, 5081-5090.	5.2	6
2	A Novel Robust Super-Twisting Nonsingular Terminal Sliding Mode Controller for Permanent Magnet Linear Synchronous Motors. IEEE Transactions on Power Electronics, 2022, 37, 2936-2945.	5.4	37
3	Nonsingular Terminal Sliding Mode Control Based on Adaptive Time Delay Estimation for Permanent Magnet Linear Synchronous Motor. International Journal of Control, Automation and Systems, 2022, 20, 24-34.	1.6	11
4	Adaptive backstepping complementary sliding mode control with parameter estimation and dead-zone modification for PMLSM servo system. IET Power Electronics, 2021, 14, 785-796.	1.5	3
5	High-precision motion control method for permanent magnet linear synchronous motor. IEICE Electronics Express, 2021, 18, 20210097-20210097.	0.3	9
6	Novel Load Disturbance Observer-based Global Complementary Sliding Mode Control for a Precision Motion Stage Driven by PMLSM. International Journal of Control, Automation and Systems, 2021, 19, 3676-3687.	1.6	8
7	Robust tracking control for permanent magnet linear servo system using intelligent fractional-order backstepping control. Electrical Engineering, 2021, 103, 1555.	1.2	7
8	Intelligent second-order sliding mode control for permanent magnet linear synchronous motor servo systems with robust compensator. IET Electric Power Applications, 2020, 14, 1661-1671.	1.1	11
9	Intelligent Adaptive Jerk Control With Dynamic Compensation Gain for Permanent Magnet Linear Synchronous Motor Servo System. IEEE Access, 2020, 8, 138456-138469.	2.6	6
10	Modified complementary sliding mode control with disturbance compensation for permanent magnet linear synchronous motor servo system. IET Electric Power Applications, 2020, 14, 2128-2135.	1.1	10
11	Complementary Sliding Mode Control via Elman Neural Network for Permanent Magnet Linear Servo System. IEEE Access, 2019, 7, 82183-82193.	2.6	18
12	Extended Kalman filter-based disturbance feed-forward compensation considering varying mass in high-speed permanent magnet linear synchronous motor. Electrical Engineering, 2019, 101, 537-544.	1.2	6
13	Approach Angle-Based Saturation Function of Modified Complementary Sliding Mode Control for PMLSM. IEEE Access, 2019, 7, 126014-126024.	2.6	15
14	Adaptive Neural Network Nonsingular Fast Terminal Sliding Mode Control for Permanent Magnet Linear Synchronous Motor. IEEE Access, 2019, 7, 180361-180372.	2.6	33