

Xi-Mei Zhao

List of Publications by Year in descending order

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