Xiang Li

List of Publications by Year
in descending order

13	200	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real-time tracking control of electro-hydraulic force servo systems using offline feedback control and adaptive control. ISA Transactions, 2017, 67, 356-370.	5.7	45
2	Real-time electro-hydraulic hybrid system for structural testing subjected to vibration and force loading. Mechatronics, 2016, 33, 49-70.	3.3	43
3	Wire rope tension control of hoisting systems using a robust nonlinear adaptive backstepping control scheme. ISA Transactions, 2018, 72, 256-272.	5.7	27
4	Real-Time Force Tracking Control of an Electro-Hydraulic System Using a Novel Robust Adaptive Sliding Mode Controller. IEEE Access, 2020, 8, 13315-13328.	4.2	20
5	Force Loading Tracking Control of an Electro-Hydraulic Actuator Based on a Nonlinear Adaptive Fuzzy Backstepping Control Scheme. Symmetry, 2018, 10, 155.	2.2	19
6	Modal Space Feedforward Control for Electro-Hydraulic Parallel Mechanism. IEEE Access, 2019, 7, 39751-39761.	4.2	11
7	Real-time nonlinear adaptive force tracking control strategy for electrohydraulic systems with suppression of external vibration disturbance. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	10
8	A switching-type controller for wire rope tension coordination of electro-hydraulic-controlled double-rope winding hoisting systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2016, 230, 1126-1144.	1.0	7
9	Modeling and Adaptive Tension Control of Chain Transmission System With Variable Stiffness and Random Load. IEEE Transactions on Industrial Electronics, 2022, 69, 8335-8345.	7.9	6
10	A Flatness-Based Nonlinear Control Scheme for Wire Tension Control of Hoisting Systems. IEEE Access, 2019, 7, 146428-146442.	4.2	5
11	Wire Tension Coordination Control of Electro-Hydraulic Servo Driven Double-Rope Winding Hoisting Systems Using a Hybrid Controller Combining the Flatness-Based Control and a Disturbance Observer. Symmetry, 2021, 13, 716.	2.2	5
12	A Robust Nonlinear Controller With Low-Gain-State-Observer for Wire Rope Tension Active Control of Hoisting Systems. IEEE Access, 2020, 8, 111208-111222.	4.2	2
13	A nonlinear adaptive fuzzy controller with signal transmission delay compensation for steel rope tension active control of mining hoists. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 0, , 095965182210875.	1.0	0