

# Xiang Li

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

200  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	A Flatness-Based Nonlinear Control Scheme for Wire Tension Control of Hoisting Systems. IEEE Access, 2019, 7, 146428-146442.	4.2	5
6	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
7	Modal Space Feedforward Control for Electro-Hydraulic Parallel Mechanism. IEEE Access, 2019, 7, 39751-39761.	4.2	11
8	Wire rope tension control of hoisting systems using a robust nonlinear adaptive backstepping control scheme. ISA Transactions, 2018, 72, 256-272.	5.7	27
9	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
10	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
11	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
12	Real-time electro-hydraulic hybrid system for structural testing subjected to vibration and force loading. Mechatronics, 2016, 33, 49-70.	3.3	43
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