

Xueyan Xing

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spatial Iterative Learning Control With Human Guidance and Visual Detection for Path Learning and Tracking. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1772-1784.	3.4	2
2	LMI-based robust adaptive neural network control for Euler-Bernoulli beam with uncertain parameters and disturbances. International Journal of Control, 2022, 95, 1-10.	1.2	3
3	Robust Adaptive Control Allocation for a Class of Cascade ODE-String Systems With Actuator Failures. IEEE Transactions on Automatic Control, 2022, 67, 1474-1481.	3.6	15
4	Adaptive Neural Control of a Class of Uncertain State and Input-Delayed Systems With Input Magnitude and Rate Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6837-6851.	5.9	3
5	Iterative Learning-Based Robotic Controller With Prescribed Human-Robot Interaction Force. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3395-3408.	3.4	6
6	Path Learning in Human-Robot Collaboration Tasks Using Iterative Learning Methods. IEEE Transactions on Control Systems Technology, 2022, 30, 1946-1959.	3.2	2
7	Vibration and Position Control of Overhead Crane With Three-Dimensional Variable Length Cable Subject to Input Amplitude and Rate Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4127-4138.	5.9	34
8	PDE Control of Vehicle-mounted Flexible Link with Input Saturation and Disturbances. , 2020, , .		0
9	PDE modelling and vibration control of overhead crane bridge with unknown control directions and parametric uncertainties. IET Control Theory and Applications, 2020, 14, 116-126.	1.2	16
10	Vibration control for nonlinear overhead crane bridge subject to actuator failures and output constraints. Nonlinear Dynamics, 2020, 101, 419-438.	2.7	15
11	Vibration control of nonlinear three-dimensional length-varying string with input quantization. JVC/Journal of Vibration and Control, 2020, 26, 1835-1847.	1.5	11
12	Modeling and robust adaptive iterative learning control of a vehicle-based flexible manipulator with uncertainties. International Journal of Robust and Nonlinear Control, 2019, 29, 2385-2405.	2.1	32
13	Adaptive Fault-Tolerant Control of Flexible Mobile Manipulator. , 2019, , .		1
14	Dynamic modeling and vibration control of a three-dimensional flexible string with variable length and spatiotemporally varying parameters subject to input constraints. Nonlinear Dynamics, 2019, 95, 1395-1413.	2.7	9
15	LMI-based boundary and distributed control design for a flexible string subject to disturbance. International Journal of Control, 2019, 92, 1959-1969.	1.2	8
16	Modelling and neural adaptive vibration control for three-dimensional Timoshenko beam with output restrictions and external disturbances. International Journal of Systems Science, 0, , 1-18.	3.7	1