

Xueyan Xing

List of Publications by Year in descending order

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papers

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120
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#	ARTICLE	IF	CITATIONS
1	Vibration and Position Control of Overhead Crane With Three-Dimensional Variable Length Cable Subject to Input Amplitude and Rate Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 4127-4138.	5.9	34
2	Modeling and robust adaptive iterative learning control of a vehicle-based flexible manipulator with uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 2385-2405.	2.1	32
3	PDE modelling and vibration control of overhead crane bridge with unknown control directions and parametric uncertainties. <i>IET Control Theory and Applications</i> , 2020, 14, 116-126.	1.2	16
4	Vibration control for nonlinear overhead crane bridge subject to actuator failures and output constraints. <i>Nonlinear Dynamics</i> , 2020, 101, 419-438.	2.7	15
5	Robust Adaptive Control Allocation for a Class of Cascade ODE-String Systems With Actuator Failures. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 1474-1481.	3.6	15
6	Vibration control of nonlinear three-dimensional length-varying string with input quantization. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 1835-1847.	1.5	11
7	Dynamic modeling and vibration control of a three-dimensional flexible string with variable length and spatiotemporally varying parameters subject to input constraints. <i>Nonlinear Dynamics</i> , 2019, 95, 1395-1413.	2.7	9
8	LMI-based boundary and distributed control design for a flexible string subject to disturbance. <i>International Journal of Control</i> , 2019, 92, 1959-1969.	1.2	8
9	Iterative Learning-Based Robotic Controller With Prescribed Human-Robot Interaction Force. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 3395-3408.	3.4	6
10	LMI-based robust adaptive neural network control for Euler-Bernoulli beam with uncertain parameters and disturbances. <i>International Journal of Control</i> , 2022, 95, 1-10.	1.2	3
11	Adaptive Neural Control of a Class of Uncertain State and Input-Delayed Systems With Input Magnitude and Rate Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6837-6851.	5.9	3
12	Path Learning in Human-Robot Collaboration Tasks Using Iterative Learning Methods. <i>IEEE Transactions on Control Systems Technology</i> , 2022, 30, 1946-1959.	3.2	2
13	Spatial Iterative Learning Control With Human Guidance and Visual Detection for Path Learning and Tracking. <i>IEEE Transactions on Automation Science and Engineering</i> , 2023, 20, 1772-1784.	3.4	2
14	Adaptive Fault-Tolerant Control of Flexible Mobile Manipulator. , 2019, , .		1
15	Modelling and neural adaptive vibration control for three-dimensional Timoshenko beam with output restrictions and external disturbances. <i>International Journal of Systems Science</i> , 0, , 1-18.	3.7	1
16	PDE Control of Vehicle-mounted Flexible Link with Input Saturation and Disturbances. , 2020, , .		0