Ji Wang

List of Publications by Year
in descending order

21 papers	445 citations	759233 12 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	161 citing authors

#	Article	IF	Citations
1	Axial Vibration Suppression in a Partial Differential Equation Model of Ascending Mining Cable Elevator. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2018, 140, .	1.6	43
2	Modeling and dynamic behavior analysis of a coupled multi-cable double drum winding hoister with flexible guides. Mechanism and Machine Theory, 2017, 108, 191-208.	4.5	42
3	Exponential regulation of the anti-collocatedly disturbed cage in a wave PDE-modeled ascending cable elevator. Automatica, 2018, 95, 122-136.	5.0	41
4	Output Feedback Boundary Control of a Heat PDE Sandwiched Between Two ODEs. IEEE Transactions on Automatic Control, 2019, 64, 4653-4660.	5.7	41
5	Control of a 2â€°Ã—â€°2 coupled linear hyperbolic system sandwiched between 2 ODEs. International Journal of Robust and Nonlinear Control, 2018, 28, 3987-4016.	3.7	37
6	Adaptive output-feedback control of torsional vibration in off-shore rotary oil drilling systems. Automatica, 2020, 111, 108640.	5.0	35
7	Balancing and suppression of oscillations of tension and cage in dual-cable mining elevators. Automatica, 2018, 98, 223-238.	5.0	34
8	Delay-compensated control of sandwiched ODEâ€"PDEâ€"ODE hyperbolic systems for oil drilling and disaster relief. Automatica, 2020, 120, 109131.	5.0	28
9	Adaptive event-triggered PDE control for load-moving cable systems. Automatica, 2021, 129, 109637.	5.0	27
10	Event-Triggered Output-Feedback Backstepping Control of Sandwich Hyperbolic PDE Systems. IEEE Transactions on Automatic Control, 2022, 67, 220-235.	5.7	26
11	Output-Feedback Control of an Extended Class of Sandwiched Hyperbolic PDE-ODE Systems. IEEE Transactions on Automatic Control, 2021, 66, 2588-2603.	5.7	25
12	Delay-compensated event-triggered boundary control of hyperbolic PDEs for deep-sea construction. Automatica, 2022, 138, 110137.	5.0	15
13	State-Observer Design of a PDE-Modeled Mining Cable Elevator With Time-Varying Sensor Delays. IEEE Transactions on Control Systems Technology, 2020, 28, 1149-1157.	5.2	14
14	Vibration Suppression for Coupled Wave PDEs in Deep-Sea Construction. IEEE Transactions on Control Systems Technology, 2021, 29, 1733-1749.	5.2	13
15	Regulationâ€triggered adaptive control of a hyperbolic PDEâ€ODE model with boundary interconnections. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1513-1543.	4.1	7
16	Lateral Vibration Suppression of a Disturbed Mining Cable Elevator with Flexible Guideways. , 2020, , .		6
17	Output feedback vibration control of a string driven by a nonlinear actuator. Applied Mathematical Modelling, 2019, 72, 403-419.	4.2	5
18	Boundary Control of Coupled Hyperbolic PDEs for Two-dimensional Vibration Suppression of a Deep-sea Construction Vessel. , 2020, , .		3

#	Article	IF	Citations
19	Adaptive Control of Hyperbolic PDEs Coupled With a Disturbed and Highly Uncertain ODE. IEEE Transactions on Automatic Control, 2023, 68, 108-123.	5.7	3
20	Observer of Coupled Hyperbolic PDEs for Deep-sea Construction Vessel Vibrations. IFAC-PapersOnLine, 2020, 53, 7641-7646.	0.9	0
21	Adaptive Control of Coupled Hyperbolic PDEs with Piecewise-Constant Inputs and Identification. , 2021, , .		0