

# Ji Wang

## List of Publications by Year in descending order

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21  
papers

445  
citations

759233

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h-index

888059

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21  
docs citations

21  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Event-Triggered Output-Feedback Backstepping Control of Sandwich Hyperbolic PDE Systems. IEEE Transactions on Automatic Control, 2022, 67, 220-235.	5.7	26
3	Delay-compensated event-triggered boundary control of hyperbolic PDEs for deep-sea construction. Automatica, 2022, 138, 110137.	5.0	15
4	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
5	Vibration Suppression for Coupled Wave PDEs in Deep-Sea Construction. IEEE Transactions on Control Systems Technology, 2021, 29, 1733-1749.	5.2	13
6	Regulation-triggered adaptive control of a hyperbolic PDE-ODE model with boundary interconnections. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1513-1543.	4.1	7
7	Adaptive event-triggered PDE control for load-moving cable systems. Automatica, 2021, 129, 109637.	5.0	27
8	Adaptive Control of Coupled Hyperbolic PDEs with Piecewise-Constant Inputs and Identification. , 2021, , .		0
9	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
10	Adaptive output-feedback control of torsional vibration in off-shore rotary oil drilling systems. Automatica, 2020, 111, 108640.	5.0	35
11	Delay-compensated control of sandwiched ODE-PDE-ODE hyperbolic systems for oil drilling and disaster relief. Automatica, 2020, 120, 109131.	5.0	28
12	Boundary Control of Coupled Hyperbolic PDEs for Two-dimensional Vibration Suppression of a Deep-sea Construction Vessel. , 2020, , .		3
13	Lateral Vibration Suppression of a Disturbed Mining Cable Elevator with Flexible Guideways. , 2020, , .		6
14	Observer of Coupled Hyperbolic PDEs for Deep-sea Construction Vessel Vibrations. IFAC-PapersOnLine, 2020, 53, 7641-7646.	0.9	0
15	Output feedback vibration control of a string driven by a nonlinear actuator. Applied Mathematical Modelling, 2019, 72, 403-419.	4.2	5
16	Output Feedback Boundary Control of a Heat PDE Sandwiched Between Two ODEs. IEEE Transactions on Automatic Control, 2019, 64, 4653-4660.	5.7	41
17	Balancing and suppression of oscillations of tension and cage in dual-cable mining elevators. Automatica, 2018, 98, 223-238.	5.0	34
18	Control of a $2 \times 2$ coupled linear hyperbolic system sandwiched between 2 ODEs. International Journal of Robust and Nonlinear Control, 2018, 28, 3987-4016.	3.7	37

#	ARTICLE	IF	CITATIONS
19	Axial Vibration Suppression in a Partial Differential Equation Model of Ascending Mining Cable Elevator. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2018, 140, .	1.6	43
20	Exponential regulation of the anti-collocatedly disturbed cage in a wave PDE-modeled ascending cable elevator. <i>Automatica</i> , 2018, 95, 122-136.	5.0	41
21	Modeling and dynamic behavior analysis of a coupled multi-cable double drum winding hoister with flexible guides. <i>Mechanism and Machine Theory</i> , 2017, 108, 191-208.	4.5	42