

Jing Zhou

List of Publications by Year in descending order

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1904
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Adaptive Control of Uncertain Nonlinear Systems in the Presence of Input Saturation and External Disturbance. IEEE Transactions on Automatic Control, 2011, 56, 1672-1678.	5.7	917
2	Adaptive Backstepping Control of a Class of Uncertain Nonlinear Systems With Unknown Backlash-Like Hysteresis. IEEE Transactions on Automatic Control, 2004, 49, 1751-1757.	5.7	508
3	Adaptive Backstepping Stabilization of Nonlinear Uncertain Systems With Quantized Input Signal. IEEE Transactions on Automatic Control, 2014, 59, 460-464.	5.7	395
4	Adaptive Output Feedback Control of Uncertain Nonlinear Systems With Hysteresis Nonlinearity. IEEE Transactions on Automatic Control, 2012, 57, 2627-2633.	5.7	189
5	Robust Adaptive Output Control of Uncertain Nonlinear Plants With Unknown Backlash Nonlinearity. IEEE Transactions on Automatic Control, 2007, 52, 503-509.	5.7	187
6	Decentralized adaptive control for large-scale time-delay systems with dead-zone input. Automatica, 2008, 44, 1790-1799.	5.0	179
7	Decentralized adaptive stabilization in the presence of unknown backlash-like hysteresis. Automatica, 2007, 43, 426-440.	5.0	143
8	Adaptive control of uncertain nonlinear systems with quantized input signal. Automatica, 2018, 95, 152-162.	5.0	133
9	Decentralized Backstepping Adaptive Output Tracking of Interconnected Nonlinear Systems. IEEE Transactions on Automatic Control, 2008, 53, 2378-2384.	5.7	130
10	Adaptive Backstepping Control of Nonlinear Uncertain Systems With Quantized States. IEEE Transactions on Automatic Control, 2019, 64, 4756-4763.	5.7	130
11	Decentralized adaptive backstepping stabilization of interconnected systems with dynamic input and output interactions. Automatica, 2009, 45, 55-67.	5.0	129
12	Adaptive control of a class of strict-feedback time-varying nonlinear systems with unknown control coefficients. Automatica, 2018, 93, 98-105.	5.0	122
13	Adaptive backstepping control of uncertain systems with unknown input time-delay. Automatica, 2009, 45, 1415-1422.	5.0	112
14	Distributed adaptive leader–follower and leaderless consensus control of a class of strict-feedback nonlinear systems: a unified approach. Automatica, 2020, 118, 109021.	5.0	102
15	Adaptive consensus of uncertain nonlinear systems with event triggered communication and intermittent actuator faults. Automatica, 2020, 111, 108667.	5.0	91
16	Switched Control for Pressure Regulation and Kick Attenuation in a Managed Pressure Drilling System. IEEE Transactions on Control Systems Technology, 2011, 19, 337-350.	5.2	79
17	Adaptive observer design for the bottomhole pressure of a managed pressure drilling system. , 2008, , .		58
18	Adaptive backstepping based consensus tracking of uncertain nonlinear systems with event-triggered communication. Automatica, 2021, 133, 109841.	5.0	47

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19	Adaptive neural network control of uncertain nonlinear systems with nonsmooth actuator nonlinearities. Neurocomputing, 2007, 70, 1062-1070.	5.9	40
20	Automatic model-based control scheme for stabilizing pressure during dual-gradient drilling. Journal of Process Control, 2011, 21, 1138-1147.	3.3	40
21	Adaptive Control Design for Underactuated Cranes With Guaranteed Transient Performance: Theoretical Design and Experimental Verification. IEEE Transactions on Industrial Electronics, 2022, 69, 2822-2832.	7.9	37
22	ROBUST ADAPTIVE CONTROL OF UNCERTAIN NONLINEAR SYSTEMS IN THE PRESENCE OF INPUT SATURATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 149-154.	0.4	33
23	Adaptive output control of a class of uncertain chaotic systems. Systems and Control Letters, 2007, 56, 452-460.	2.3	23
24	Adaptive Backstepping Control of Uncertain Nonlinear Systems With Input and State Quantization. IEEE Transactions on Automatic Control, 2022, 67, 6754-6761.	5.7	23
25	Adaptive Neural Network Control of Uncertain Nonlinear Systems in the Presence of Input Saturation. , 2006, , .		22
26	Distributed Adaptive Control for Asymptotically Consensus Tracking of Uncertain Nonlinear Systems With Intermittent Actuator Faults and Directed Communication Topology. IEEE Transactions on Cybernetics, 2021, 51, 4050-4061.	9.5	22
27	Pressure regulation with kick attenuation in a managed pressure drilling system. , 2009, , .		20
28	Adaptive predictor control for stabilizing pressure in a managed pressure drilling system under time-delay. Journal of Process Control, 2016, 40, 106-118.	3.3	19
29	Adaptive observer design for nonlinear systems with parametric uncertainties in unmeasured state dynamics. , 2009, , .		14
30	Adaptive observer for kick detection and switched control for bottomhole pressure regulation and kick attenuation during managed pressure drilling. , 2010, , .		14
31	Adaptive Control of Quantized Uncertain Nonlinear Systems. IFAC-PapersOnLine, 2017, 50, 10425-10430.	0.9	14
32	Adaptive Backstepping Control of Uncertain Chaotic Systems. , 2007, , .		12
33	Adaptive Control of a Base Isolated System for Protection of Building Structures. Journal of Vibration and Acoustics, Transactions of the ASME, 2006, 128, 261-268.	1.6	11
34	Adaptive output feedback control of a managed pressure drilling system. , 2008, , .		11
35	ADAPTIVE BACKSTEPPING CONTROL OF A PIEZO-POSITIONING MECHANISM WITH HYSTERESIS. Transactions of the Canadian Society for Mechanical Engineering, 2007, 31, 97-110.	0.8	10
36	Adaptive backstepping control of uncertain nonlinear systems with input quantization. , 2013, , .		10

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37	Decentralized Adaptive Control for Interconnected Nonlinear Systems with Input Quantization. IFAC-PapersOnLine, 2017, 50, 10419-10424.	0.9	10
38	Kick Detection and Influx Size Estimation during Offshore Drilling Operations using Deep Learning. , 2019, , .		9
39	Nonsmooth Nonlinearities. , 2008, , 83-96.		9
40	Control and estimation of downhole pressure in managed pressure drilling operations. , 2010, , .		8
41	Adaptive Backstepping Control of a 2-DOF Helicopter System with Uniform Quantized Inputs. , 2020, , .		8
42	Adaptive Attitude Control of a Rigid Body With Input and Output Quantization. IEEE Transactions on Industrial Electronics, 2022, 69, 8296-8305.	7.9	7
43	Adaptive neural network control of uncertain nonlinear plants with input saturation. , 2009, , .		6
44	Robust adaptive tracking control of uncertain systems with time-varying input delays. International Journal of Systems Science, 2017, 48, 3440-3449.	5.5	6
45	Adaptive PI Control of Bottom Hole Pressure during Oil Well Drilling. IFAC-PapersOnLine, 2018, 51, 166-171.	0.9	6
46	Backstepping control of a class of nonlinear systems with unknown dead-zone. , 0, , .		5
47	Adaptive output control of nonlinear time-delayed systems with uncertain dead-zone input. , 2006, , .		5
48	Adaptive Output Control of Uncertain Nonlinear Systems with Unknown Backlash. Proceedings of the American Control Conference, 2007, , .	0.0	5
49	Decentralized adaptive backstepping stabilization of nonlinear interconnected systems. , 2008, , .		5
50	Adaptive Backstepping Control of a 2-DOF Helicopter. , 2019, , .		5
51	Automated Kick Control Procedure for an Influx in Managed Pressure Drilling Operations. Modeling, Identification and Control, 2016, 37, 31-40.	1.1	5
52	Nonlinear adaptive observer control for a riser slugging system in unstable wells. , 2008, , .		4
53	Adaptive decentralized control of DC-DC converter systems. , 2012, , .		4
54	Modeling of Offshore Crane and Marine Craft in Wave Motion. , 2020, , .		4

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55	Adaptive backstepping control of uncertain systems in the presence of unmodeled dynamics and time-varying delays. , 2016, , .		3
56	Nonlinear observer-based control of unstable wells. , 2008, , .		2
57	Adaptive Asymptotically Tracking Control for Uncertain Strict-feedback Nonlinear Systems With Input Quantization. , 2018, , .		2
58	Adaptive Inverse Control of a Magnetic Suspension System with Input Backlash. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	1
59	Robust Adaptive Control of Valve Mechanism with Unknown Backlash Nonlinearity. , 2007, , .		1
60	Adaptive feedback control of magnetic suspension system preceded by Bouc-Wen hysteresis. , 2012, , .		1
61	Modelling of a hydro-pneumatic system for heave compensation. , 2018, , .		1
62	Modeling and simulation of an offshore crane. , 2018, , .		1
63	Event-triggered robust adaptive control for discrete time uncertain systems with unmodelled dynamics and disturbances. IET Control Theory and Applications, 2019, 13, 3124-3131.	2.1	1
64	Adaptive Backstepping Control of a 2-DOF Helicopter System in the Presence of Quantization. , 2021, , .		1
65	ADAPTIVE BACKSTEPPING CONTROL OF SYSTEMS WITH UNCERTAIN NONSMOOTH ACTUATOR NONLINEARITY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 247-252.	0.4	0
66	Adaptive output feedback control of linear systems preceded by unknown backlash-like hysteresis. , 0, , .		0
67	New results in decentralized adaptive backstepping stabilization of nonlinear interconnected systems. , 2008, , .		0
68	Decentralized Adaptive Sabilization for Large-Scale Systems with Unknown Time-Delay. , 0, , .		0
69	Adaptive decentralised control of parallel DC-DC converter systems. International Journal of Systems, Control and Communications, 2012, 4, 134.	0.3	0
70	Decentralized adaptive backstepping stabilization of interconnected systems with input time delays in dynamic interactions. International Journal of Adaptive Control and Signal Processing, 2012, 26, 285-301.	4.1	0
71	Adaptive observer design and parameter estimation for a class of uncertain systems. , 2013, , .		0
72	Adaptive control of a drilling system with unknown time-delay and disturbance. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
73	Robust adaptive tracking control of uncertain systems with time-varying input delays. IET Control Theory and Applications, 2016, , .	2.1	0
74	Adaptive control of uncertain nonlinear systems with time-varying parameters and disturbances. , 2017, , .		0
75	Distributed Adaptive Consensus Tracking Control of Uncertain High-order Nonlinear Systems under Directed Graph Condition. , 2018, , .		0
76	Adaptive Tracking Control of Nonlinear Time-Varying Systems with Unknown Control Coefficients and Unknown Time-Varying Parameters. , 2019, , .		0
77	Conclusion and research topics. , 2017, , 243-246.		0
78	Event-Triggered Adaptive Control for a Class of Nonlinear Systems with Unknown Time-Varying Parameters. , 2020, , .		0
79	Adaptive Backstepping Attitude Control of a Rigid Body with State Quantization. , 2021, , .		0