

Huifang Min

List of Publications by Year in descending order

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501
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#	ARTICLE	IF	CITATIONS
1	Observer-Based NN Control for Nonlinear Systems With Full-State Constraints and External Disturbances. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4322-4331.	7.2	20
2	Adaptive Stabilization of Uncertain Nonlinear Systems Under Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3957-3966.	5.9	8
3	Exact uncertainty compensation of linear systems by continuous fixed-time output-feedback controller. Journal of Systems Engineering and Electronics, 2022, 33, 706-715.	1.1	2
4	Adaptive Finite-Time Stabilization of Stochastic Nonlinear Systems Subject to Full-State Constraints and Input Saturation. IEEE Transactions on Automatic Control, 2021, 66, 1306-1313.	3.6	145
5	Tracking-Based Control for Constrained Nonlinear Systems Under Parametric Uncertainties. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 973-977.	2.2	9
6	Practically Finite-Time Control for Nonlinear Systems With Mismatching Conditions and Application to a Robot System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 480-489.	5.9	21
7	Further Results on Adaptive Stabilization of High-Order Stochastic Nonlinear Systems Subject to Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 225-234.	7.2	36
8	Variable-Gain Second-Order Sliding Mode Controller With Globally Fixed-Time Stability Guarantees. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1414-1418.	2.2	11
9	Adaptive Finite-Time Control for High-Order Nonlinear Systems With Multiple Uncertainties and its Application. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1752-1761.	3.5	28
10	Globally Fixed-Time High-Order Sliding Mode Control for New Sliding Mode Systems Subject to Mismatched Terms and Its Application. IEEE Transactions on Industrial Electronics, 2020, 67, 10776-10786.	5.2	33
11	Observer-based tracking control for constrained nonlinear systems with mismatching disturbances and its application. International Journal of Robust and Nonlinear Control, 2020, 30, 8485-8502.	2.1	5
12	Barrier Lyapunov function-based tracking control for stochastic nonlinear systems with full-state constraints and input saturation. Journal of the Franklin Institute, 2020, 357, 12414-12432.	1.9	10
13	A novel hybrid scheme for fixed-time SOSM control of nonlinear uncertain systems subject to mismatched terms. Applied Mathematics and Computation, 2020, 386, 125511.	1.4	7
14	Adaptive Control for Output-Constrained Nonlinear Systems with Input Delay. , 2020, , .		2
15	Adaptive Tracking Control for Stochastic Nonlinear Systems with Full-State Constraints and Unknown Covariance Noise. Applied Mathematics and Computation, 2020, 385, 125397.	1.4	14
16	Global High-Order Sliding Mode Controller Design Subject to Mismatched Terms: Application to Buck Converter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4840-4849.	3.5	18
17	Globally adaptive control for stochastic nonlinear time-delay systems with perturbations and its application. Automatica, 2019, 102, 105-110.	3.0	104
18	Adaptive finite-time stabilization of nonlinearly parameterized systems subject to mismatching disturbances. International Journal of Robust and Nonlinear Control, 2019, 29, 3469-3484.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Further results on adaptive state feedback stabilization for a class of stochastic feedforward nonlinear systems with time delays. Transactions of the Institute of Measurement and Control, 2019, 41, 127-134.	1.1	3
20	Output-Feedback Control for Stochastic Nonlinear Systems Subject to Input Saturation and Time-Varying Delay. IEEE Transactions on Automatic Control, 2019, 64, 359-364.	3.6	159
21	A combined NN and dynamic gain-based approach to further stabilize nonlinear time-delay systems. Neural Computing and Applications, 2019, 31, 2183-2193.	3.2	4
22	Adaptive finite-time control for stochastic nonlinear systems subject to unknown covariance noise. Journal of the Franklin Institute, 2018, 355, 2645-2661.	1.9	23
23	Composite-Observer-Based Output-Feedback Control for Nonlinear Time-Delay Systems With Input Saturation and Its Application. IEEE Transactions on Industrial Electronics, 2018, 65, 5856-5863.	5.2	85
24	Global Stabilization of High-Order Stochastic Nonlinear Systems Disturbed by Unknown Covariance Noise and Time-Varying Delay. , 2018, , .		0
25	Semi-global stabilization of nonlinear time-delay systems based on dynamic gain approach. , 2017, , .		0
26	Adaptive Stabilization of Stochastic Nonlinear Systems Disturbed by Unknown Time Delay and Covariance Noise. Mathematical Problems in Engineering, 2017, 2017, 1-9.	0.6	3
27	Adaptive NN State-Feedback Control for Stochastic High-Order Nonlinear Systems with Time-Varying Control Direction and Delays. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	4
28	Output-feedback control for more general class of stochastic nonlinear systems with SISS inverse dynamics. , 2014, , .		0