Weiwei Liu

List of Publications by Year
in descending order

37 papers	689 citations	933447 10 h-index	713466 21 g-index
37 all docs	37 docs citations	37 times ranked	382 citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking-Based Control for Constrained Nonlinear Systems Under Parametric Uncertainties. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 973-977.	3.0	9
2	Attitude control for quadrotor UAV with dead zone and external disturbance. , 2021, , .		0
3	Tracking Control of Quadrotor UAV with Input Delay. , 2020, , .		2
4	Adaptive Output Synchronization of General Complex Dynamical Network with Time-Varying Delays. Mathematics, 2020, 8, 311.	2.2	4
5	An adaptive differential evolutionary algorithm incorporating multiple mutation strategies for the economic load dispatch problem. Applied Soft Computing Journal, 2019, 78, 641-669.	7.2	57
6	State Feedback Regulation of Nonlinear Systems with Unmodeled Dynamics. , 2019, , .		0
7	A combined NN and dynamic gain-based approach to further stabilize nonlinear time-delay systems. Neural Computing and Applications, 2019, 31, 2183-2193.	5.6	4
8	Global Stabilization of High-Order Stochastic Nonlinear Systems Disturbed by Unknown Covariance Noise and Time-Varying Delay. , 2018, , .		0
9	Predictive Models of Problem Difficulties for Differential Evolutionary Algorithm Based on Fitness Landscape Analysis. , 2018, , .		1
10	NN-based output tracking for more general stochastic nonlinear systems with unknown control coefficients. International Journal of Automation and Computing, 2017, 14, 350-359.	4.5	3
11	Semi-global stabilization of nonlinear time-delay systems based on dynamic gain approach. , 2017, , .		0
12	Neural network‐based output‐feedback control for stochastic high‐order non‐linear time‐delay systems with application to robot system. IET Control Theory and Applications, 2017, 11, 1578-1588.	2.1	16
13	Output-feedback tracking for nonlinear systems with time delay and input saturation. , 2017, , .		0
14	Adaptive Stabilization of Stochastic Nonlinear Systems Disturbed by Unknown Time Delay and Covariance Noise. Mathematical Problems in Engineering, 2017, 2017, 1-9.	1.1	3
15	Globally state-feedback control for stochastic high-order nonlinear systems in the presence of time delays. , 2017, , .		1
16	NN-based adaptive stabilization for a class of stochastic nonlinear systems. , 2016, , .		0
17	Adaptive stabilization of high-order nonlinear parameterized systems with time-varying control coefficient. , 2016, , .		0
18	A homogeneous domination approach to partial-state-feedback control for stochastic high-order nonlinear systems. , 2016, , .		0

#	Article	IF	Citations
19	NNâ€Based Outputâ€Feedback Control for Stochastic Nonlinear Systems with Unknown Control Directions. Asian Journal of Control, 2016, 18, 2136-2145.	3.0	7
20	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.	1.1	4
21	Neural Network-based Adaptive State-feedback Control for High-order Stochastic Nonlinear Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2014, 40, 2968-2972.	1.5	13
22	Adaptive output-feedback control for stochastic nonlinear systems using neural networks. , 2014, , .		0
23	Output-feedback control for more general class of stochastic nonlinear systems with SiISS inverse dynamics. , 2014, , .		0
24	Further results on state feedback stabilization of stochastic high-order nonlinear systems. Science China Information Sciences, 2014, 57, 1-14.	4.3	14
25	A Combined Homogeneous Domination and Sign Function Approach to Output-Feedback Stabilization of Stochastic High-Order Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 1303-1309.	5.7	99
26	A Continuous State Feedback Controller Design for High- order Nonlinear Systems with Polynomial Growth Nonlinearities. International Journal of Automation and Computing, 2013, 10, 267-274.	4.5	5
27	Adaptive State-Feedback Stabilization for High-Order Stochastic Nonlinear Systems Driven by Noise of Unknown Covariance. Mathematical Problems in Engineering, 2012, 2012, 1-13.	1.1	5
28	Adaptive Output Feedback Control for a Class of Stochastic Nonlinear Systems with SiISS Inverse Dynamics. Mathematical Problems in Engineering, 2012, 2012, 1-15.	1.1	2
29	Further Results on Output-Feedback Stabilization for a Class of Stochastic Nonlinear Systems. IEEE Transactions on Automatic Control, 2011, 56, 1208-1213.	5.7	78
30	State-Feedback Control of High-Order Stochastic Nonlinear Systems with SiISS Inverse Dynamics. IEEE Transactions on Automatic Control, 2011, 56, 1921-1926.	5.7	125
31	State feedback stabilization of stochastic nonlinear systems with SiISS inverse dynamics. International Journal of Robust and Nonlinear Control, 2011, 21, 1903-1919.	3.7	18
32	Output feedback control using small-gain conditions for stochastic nonlinear systems with SiISS inverse dynamics. International Journal of Control, 2011, 84, 47-56.	1.9	31
33	Output-feedback control of a class of high-order nonlinear systems. , 2010, , .		0
34	Output-feedback control of stochastic nonlinear system with stochastic inverse dynamics. , 2010, , .		0
35	State-feedback control for a class of nonlinear systems with iISS unmodeled dynamics. , 2010, , .		0
36	Output Tracking of High-Order Stochastic Nonlinear Systems with Application to Benchmark Mechanical System. IEEE Transactions on Automatic Control, 2010, 55, 1197-1202.	5.7	182

#	Article	IF	Citations
37	An improved control algorithm for high-order nonlinear systems with unmodelled dynamics. International Journal of Automation and Computing, 2009, 6, 234-239.	4.5	6