

Na Duan

List of Publications by Year in descending order

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34
papers

919
citations

623188

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458
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#	ARTICLE	IF	CITATIONS
1	Output Tracking of High-Order Stochastic Nonlinear Systems with Application to Benchmark Mechanical System. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 1197-1202.	3.6	182
2	State-Feedback Control of High-Order Stochastic Nonlinear Systems with SISS Inverse Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2011, 56, 1921-1926.	3.6	125
3	A Combined Homogeneous Domination and Sign Function Approach to Output-Feedback Stabilization of Stochastic High-Order Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 1303-1309.	3.6	99
4	Small-gain control method for stochastic nonlinear systems with stochastic iISS inverse dynamics. <i>Automatica</i> , 2010, 46, 1790-1798.	3.0	92
5	Further Results on Output-Feedback Stabilization for a Class of Stochastic Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2011, 56, 1208-1213.	3.6	78
6	An adaptive differential evolutionary algorithm incorporating multiple mutation strategies for the economic load dispatch problem. <i>Applied Soft Computing Journal</i> , 2019, 78, 641-669.	4.1	57
7	An efficient fitness-based differential evolution algorithm and a constraint handling technique for dynamic economic emission dispatch. <i>Energy</i> , 2019, 186, 115801.	4.5	51
8	Decentralized adaptive NN state-feedback control for large-scale stochastic high-order nonlinear systems. <i>Neurocomputing</i> , 2016, 173, 1412-1421.	3.5	32
9	Output feedback control using small-gain conditions for stochastic nonlinear systems with SISS inverse dynamics. <i>International Journal of Control</i> , 2011, 84, 47-56.	1.2	31
10	Output-feedback Stabilization for Stochastic High-order Nonlinear Systems with a Ratio of Odd Integers Power. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2010, 36, 858-864.	1.5	19
11	State feedback stabilization of stochastic nonlinear systems with SISS inverse dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2011, 21, 1903-1919.	2.1	18
12	Adaptive stabilization control for high-order nonlinear time-delay systems with its application. <i>Journal of the Franklin Institute</i> , 2017, 354, 5825-5838.	1.9	18
13	Output-feedback Stabilization for Stochastic High-order Nonlinear Systems with a Ratio of Odd Integers Power. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2010, 36, 858-864.	0.3	18
14	Neural network-based output-feedback control for stochastic high-order nonlinear time-delay systems with application to robot system. <i>IET Control Theory and Applications</i> , 2017, 11, 1578-1588.	1.2	16
15	Further results on state feedback stabilization of stochastic high-order nonlinear systems. <i>Science China Information Sciences</i> , 2014, 57, 1-14.	2.7	14
16	Neural Network-based Adaptive State-feedback Control for High-order Stochastic Nonlinear Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2014, 40, 2968-2972.	1.5	13
17	Adaptive NN output-feedback control for stochastic time-delay nonlinear systems with unknown control coefficients and perturbations. <i>Nonlinear Analysis: Modelling and Control</i> , 2016, 21, 515-530.	1.1	10
18	NN-based Output-feedback Control for Stochastic Nonlinear Systems with Unknown Control Directions. <i>Asian Journal of Control</i> , 2016, 18, 2136-2145.	1.9	7

#	ARTICLE	IF	CITATIONS
19	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
20	Adaptive State-Feedback Stabilization for High-Order Stochastic Nonlinear Systems Driven by Noise of Unknown Covariance. Mathematical Problems in Engineering, 2012, 2012, 1-13.	0.6	5
21	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
22	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
23	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
24	Adaptive Output Synchronization of General Complex Dynamical Network with Time-Varying Delays. Mathematics, 2020, 8, 311.	1.1	4
25	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
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	Output feedback for stochastic nonlinear systems with unmeasurable inverse dynamics. International Journal of Automation and Computing, 2009, 6, 391-394.	4.5	2
28	Adaptive Output Feedback Control for a Class of Stochastic Nonlinear Systems with SiISS Inverse Dynamics. Mathematical Problems in Engineering, 2012, 2012, 1-15.	0.6	2
29	An Improved Control Algorithm of High-order Nonlinear Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2008, 34, 1262-1267.	1.5	1
30	Further Results on Output-feedback Regulation of Nonlinear Systems with iISS Inverse Dynamics. Zidonghua Xuebao/Acta Automatica Sinica, 2012, 38, 865-870.	1.5	0
31	Output-feedback control for more general class of stochastic nonlinear systems with SiISS inverse dynamics. , 2014, , .		0
32	NN-based adaptive stabilization for a class of stochastic nonlinear systems. , 2016, , .		0
33	A homogeneous domination approach to partial-state-feedback control for stochastic high-order nonlinear systems. , 2016, , .		0
34	Global Stabilization of High-Order Stochastic Nonlinear Systems Disturbed by Unknown Covariance Noise and Time-Varying Delay. , 2018, , .		0