

Zi-Jiang Yang

List of Publications by Year in descending order

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63
papers

739
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759233

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526287

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63
all docs

63
docs citations

63
times ranked

627
citing authors

#	ARTICLE	IF	CITATIONS
1	Output feedback full-order sliding mode control for a three-tank system. ISA Transactions, 2023, 133, 184-192.	5.7	3
2	Diffusion bias-compensated recursive maximum correntropy criterion algorithm with noisy input. , 2022, 122, 103373.		7
3	Robust event-triggered consensus tracking control of high-order uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 2273-2299.	3.7	5
4	Diffusion Bias-Compensation RLS Estimation Over Noisy Node-Specific Networks. Circuits, Systems, and Signal Processing, 2021, 40, 2564-2583.	2.0	1
5	Adaptive robust output feedback control for attitude tracking of quadrotor unmanned aerial vehicles. International Journal of Adaptive Control and Signal Processing, 2021, 35, 2075-2093.	4.1	4
6	Robust Output Feedback Control for Attitude Tracking of a Quadrotor UAV. , 2021, , .		1
7	Disturbance observer-based control of UAVs with prescribed performance. International Journal of Systems Science, 2020, 51, 939-957.	5.5	19
8	Distributed diffusion bias-compensated LMS for node-specific networks. Signal Processing, 2019, 160, 21-31.	3.7	8
9	Distributed prescribed performance control for consensus output tracking of nonlinear semi-strict feedback systems using finite-time disturbance observers. International Journal of Systems Science, 2019, 50, 989-1005.	5.5	10
10	Robust nonlinear control of a three-tank system using finite-time disturbance observers. Control Engineering Practice, 2019, 84, 63-71.	5.5	18
11	Robust consensus tracking of second-order nonlinear systems using relative position information by K-filter and disturbance observer based control. International Journal of Systems Science, 2018, 49, 3117-3129.	5.5	8
12	Prescribed Performance Control for Consensus Output Tracking of Nonlinear Systems. , 2018, , .		1
13	Robust control of nonlinear semi-strict feedback systems using finite-time disturbance observers. International Journal of Robust and Nonlinear Control, 2017, 27, 3582-3603.	3.7	19
14	Robust Nonlinear Control of a Three-Tank System in the Presence of Mismatched Uncertainties. IFAC-PapersOnLine, 2017, 50, 4088-4093.	0.9	6
15	Robust consensus tracking control of second-order nonlinear systems without using velocity information. , 2017, , .		2
16	A finite-time disturbance compensation approach to robust control of nonlinear semi-strict feedback systems. , 2016, , .		2
17	Robust consensus tracking control of higher-order uncertain nonlinear systems via cascaded finite-time estimation of reference states. IET Control Theory and Applications, 2016, 10, 1231-1239.	2.1	4
18	Robust synchronisation tracking control of networked Euler-Lagrange systems using reference trajectory estimation based on virtual double-integrators. International Journal of Systems Science, 2016, 47, 2088-2099.	5.5	5

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19	Distributed robust control for synchronised tracking of networked Euler-Lagrange systems. International Journal of Systems Science, 2015, 46, 720-732.	5.5	25
20	Distributed robust synchronization tracking control of networked Euler-Lagrange systems by cascaded estimation of reference velocity and position. , 2014, , .		0
21	Distributed robust synchronization tracking control of networked Euler-Lagrange systems via reference information estimation. , 2014, , .		0
22	Selection of NARX models estimated using weighted least squares method via GIC-based method and l1-norm regularization methods. Nonlinear Dynamics, 2012, 70, 1831-1846.	5.2	16
23	Decentralized Adaptive Robust Control of Robot Manipulators Using Disturbance Observers. IEEE Transactions on Control Systems Technology, 2012, 20, 1357-1365.	5.2	143
24	Linear Multivariable Controller Tuning Using Measured Frequency Response Data. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 842-850.	0.2	0
25	Robust Output Feedback Control of a Class of Nonlinear Systems Using a Disturbance Observer. IEEE Transactions on Control Systems Technology, 2011, 19, 256-268.	5.2	54
26	Pulmonary elastance estimation considering respiratory periodicity. , 2010, , .		0
27	An Adaptive Robust Nonlinear Motion Controller Combined With Disturbance Observer. IEEE Transactions on Control Systems Technology, 2010, 18, 454-462.	5.2	36
28	An improved adaptive robust motion controller combined with disturbance observer. , 2010, , .		1
29	Robust output feedback control of a magnetic levitation system via high-gain observer. , 2009, , .		1
30	Identification of Errors-In-Variables Models from Quantized Input-Output Measurements via Bias-Compensation Based Method. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2009, 2009, 109-116.	0.2	0
31	Adaptive Robust Output-Feedback Control of a Magnetic Levitation System by K-Filter Approach. IEEE Transactions on Industrial Electronics, 2008, 55, 390-399.	7.9	68
32	Decentralized robust control of interconnected uncertain nonlinear mechanical systems. , 2008, , .		2
33	A Novel Robust Nonlinear Motion Controller With Disturbance Observer. IEEE Transactions on Control Systems Technology, 2008, 16, 137-147.	5.2	147
34	Decision of air-pressure limit value in the case of artificial respiration. , 2008, , .		0
35	Identification of Errors-In-Variables Model via Bias-Compensation Method. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2008, 2008, 14-19.	0.2	0
36	Identification of Lifted Models for General Dual-Rate Sampled-Data Systems Using N4SID Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 788-794.	0.2	8

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37	Recursive TLS algorithm for estimation of Pulse Transfer Functions. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2008, 2008, 20-25.	0.2	1
38	On Weighting of Data Matrix in Subspace Identification. , 2007, , .		0
39	Dynamic surface control approach to adaptive robust control of nonlinear systems in semi-strict feedback form. International Journal of Systems Science, 2007, 38, 709-724.	5.5	40
40	Robust Nonlinear Control of a Voltage-Controlled Magnetic Levitation System with Disturbance Observer. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	8
41	Robust Nonlinear Control of a Voltage-Controlled Magnetic Levitation System Using Disturbance Observer. IEJ Transactions on Electronics, Information and Systems, 2007, 127, 2118-2125.	0.2	0
42	A novel robust nonlinear motion controller with disturbance observer. , 2006, , .		1
43	A Hierarchical Construction of Adaptive Robust Nonlinear Positioning Controller with Guaranteed Transient Performance. Transactions of the Society of Instrument and Control Engineers, 2006, 42, 247-254.	0.2	0
44	Radial Basis Function Network in Reproducing Kernel Hilbert Space with Application to System Identification. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2006, 2006, 89-94.	0.2	0
45	On Bias-Compensated Least-Squares Methods Using \hat{I}_{\pm} -filter and \hat{I}^2 -filter. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2005, 2005, 114-119.	0.2	0
46	Iterative Identification Algorithms for Continuous-Time Systems with Unknown Time Delay in the Presence of Measurement Noise. IEJ Transactions on Electronics, Information and Systems, 2004, 124, 2132-2139.	0.2	0
47	An Experimental Study on Adaptive Robust PCA Neural Network. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2004, 2004, 23-28.	0.2	0
48	Adaptive Robust Nonlinear Control of a Magnetic Levitation System via DSC Technique. IEJ Transactions on Electronics, Information and Systems, 2003, 123, 1790-1797.	0.2	1
49	IMPROVING CONTROL PERFORMANCE OF AN UNSTABLE NONLINEAR SYSTEM BY PARAMETER IDENTIFICATION. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2003, 2003, 234-239.	0.2	0
50	An Indirect Method for Closed-Loop System Identification. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2003, 2003, 160-165.	0.2	0
51	Kernel Principal Component Regression in Reproducing Kernel Hilbert Space. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2003, 2003, 213-218.	0.2	0
52	Adaptive Robust Nonlinear Control of a Voltage-Controlled Magnetic Levitation System. Transactions of the Society of Instrument and Control Engineers, 2002, 38, 35-44.	0.2	6
53	Parameter Identification Based on the Steiglitz-McBride Method from Noisy Input-Output Data. Transactions of the Society of Instrument and Control Engineers, 1992, 28, 1492-1494.	0.2	1
54	Parameter identification of distributed parameter systems in the presence of measurement noise. International Journal of Systems Science, 1991, 22, 1391-1401.	5.5	7

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55	Identification of continuous systems using digital low-pass filters. International Journal of Systems Science, 1991, 22, 1159-1176.	5.5	33
56	Implementation of multi-rate model reference adaptive control for continuous systems via bilinear transformation based on block-pulse functions. International Journal of Systems Science, 1991, 22, 1757-1774.	5.5	2
57	On convergence of a BCLS algorithm for noisy autoregressive process estimation. , 0, , .		2
58	A unified form for BELS method in colored noise case. , 0, , .		4
59	Dynamic surface control for a voltage-controlled magnetic levitation system. , 0, , .		1
60	On the relationship between BELS and IV methods. , 0, , .		2
61	Parameter estimation of autoregressive processes by solving eigenvalue problem. , 0, , .		0
62	Adaptive robust dynamic surface control for a magnetic levitation system. , 0, , .		3
63	Adaptive robust output feedback control of a magnetic levitation system by k-filter approach. , 0, , .		3