

Xing-Gang Yan

List of Publications by Year in descending order

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177
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177
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralised state feedback stabilisation for nonlinear interconnected systems using sliding mode control*. International Journal of Systems Science, 2022, 53, 1017-1030.	3.7	5
2	Dynamic output feedback sliding mode control for uncertain linear systems. Transactions of the Institute of Measurement and Control, 2022, 44, 1178-1193.	1.1	1
3	Consensus control for a class of linear multiagent systems using a distributed integral sliding mode strategy. Journal of the Franklin Institute, 2022, 359, 1086-1111.	1.9	6
4	Anti-Disturbance Cooperative Fuzzy Tracking Control of Multi-PMSMs Low-Speed Urban Rail Traction Systems. IEEE Transactions on Transportation Electrification, 2022, 8, 1040-1052.	5.3	7
5	Cooperative fault estimation for a class of heterogeneous multi-agents with stochastic nonlinearities based on finite impulse response filter. International Journal of Robust and Nonlinear Control, 2022, 32, 4696-4715.	2.1	3
6	A Novel Multi-Agent Model-Free Control for State-of-Charge Balancing Between Distributed Battery Energy Storage Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 679-688.	3.4	16
7	Adaptive Control Design and Evaluation for Multibody High-Speed Train Dynamic Models. IEEE Transactions on Control Systems Technology, 2021, 29, 1061-1074.	3.2	20
8	Fault-Tolerant Control for Systems With Unmatched Actuator Faults and Disturbances. IEEE Transactions on Automatic Control, 2021, 66, 1725-1732.	3.6	28
9	Inbuilt Tendency of the eIF2 Regulatory System to Counteract Uncertainties. IEEE Transactions on Nanobioscience, 2021, 20, 35-41.	2.2	2
10	Distributed Fault Estimation and Fault-Tolerant Control of Interconnected Systems. IEEE Transactions on Cybernetics, 2021, 51, 1230-1240.	6.2	47
11	Zero dynamics analysis and adaptive tracking control of underactuated multibody systems with flexible links. International Journal of Control, 2021, 94, 1931-1943.	1.2	1
12	Decentralised Sliding Mode Tracking Control for a Class of Nonlinear Interconnected Systems**This work was supported by the National Natural Science Foundation of China under Grants 61922042 and 62020106003, China Scholarship Council for 3 years' study at the University of Kent, and Qing Lan Project., 2021, , .		1
13	Fault Diagnosis of Satellites under Variable Conditions based on Domain Adaptive Adversarial Deep Neural Network. , 2021, , .		1
14	Disturbance-observer based prescribed-performance fuzzy sliding mode control for PMSM in electric vehicles. Engineering Applications of Artificial Intelligence, 2021, 104, 104361.	4.3	38
15	Hierarchical global fast terminal sliding-mode control for a bridge travelling crane system. IET Control Theory and Applications, 2021, 15, 814-828.	1.2	11
16	Linearized Bregman iteration based model-free adaptive sliding mode control for a class of nonlinear systems. IET Control Theory and Applications, 2021, 15, 281-296.	1.2	0
17	Regular form-based sliding mode control design on a two-wheeled inverted pendulum. International Journal of Modelling, Identification and Control, 2021, 37, 312.	0.2	0
18	Decentralized Sliding Mode Control for Output Tracking of Large-Scale Interconnected Systems. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Adaptive fault-tolerant formation control for quadrotors with actuator faults. Asian Journal of Control, 2020, 22, 1317-1326.	1.9	17
20	Adaptive Fault-Tolerant Sliding-Mode Control for High-Speed Trains With Actuator Faults and Uncertainties. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2449-2460.	4.7	77
21	Interval sliding mode observer-based fault accommodation for non-minimum phase LPV systems with online control allocation. International Journal of Control, 2020, 93, 2675-2689.	1.2	14
22	Distributed fault detection and estimation in cyber-physical systems subject to actuator faults. ISA Transactions, 2020, 104, 162-174.	3.1	29
23	Interval observer and unknown input observer-based sensor fault estimation for high-speed railway traction motor. Journal of the Franklin Institute, 2020, 357, 1137-1154.	1.9	25
24	Adaptive observer design for nonlinear interconnected systems by the application of LaSalle's theorem. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1559-1571.	2.3	5
25	Integrated fault-tolerant control approach for linear time-delay systems using a dynamic event-triggered mechanism. International Journal of Systems Science, 2020, 51, 3471-3490.	3.7	9
26	Robust decentralised load frequency control for interconnected time delay power systems using sliding mode techniques. IET Control Theory and Applications, 2020, 14, 470-480.	1.2	38
27	Decentralized sliding mode control for a class of nonlinear interconnected systems by static state feedback. International Journal of Robust and Nonlinear Control, 2020, 30, 2152-2170.	2.1	8
28	A Closed-Loop Brain Stimulation Control System Design Based on Brain-Machine Interface for Epilepsy. Complexity, 2020, 2020, 1-15.	0.9	4
29	Robust Super-Twisting Sliding Control of PAM- actuated Manipulator Based on Perturbation Observer. Cogent Engineering, 2020, 7, 1858393.	1.1	5
30	Dynamic output feedback sliding mode control for non-minimum phase systems with application to an inverted pendulum. IFAC-PapersOnLine, 2020, 53, 5165-5170.	0.5	4
31	Leader-following Consensus Control of a Distributed Linear Multi-agent System using a Sliding Mode Strategy. , 2020, , .		5
32	Decentralised Sliding Mode Control for Nonlinear Interconnected Systems with Unknown Interconnections. IFAC-PapersOnLine, 2020, 53, 4064-4069.	0.5	0
33	Incipient Fault Detection for Traction Motors of High-Speed Railways Using an Interval Sliding Mode Observer. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2703-2714.	4.7	65
34	Application of Sliding Mode Trajectory Tracking Control Design for Two-Wheeled Mobile Robots. , 2019, , .		0
35	Semi-Disparate Impact of Kinases GCN2 and PERK in Modulating the Dynamic Control Properties of eIF2 Pathway. IEEE Access, 2019, 7, 68132-68139.	2.6	2
36	Interval Sliding Mode Observer Based Incipient Sensor Fault Detection With Application to a Traction Device in China Railway High-Speed. IEEE Transactions on Vehicular Technology, 2019, 68, 2585-2597.	3.9	36

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37	Adaptive Observer Design for Nonlinear Interconnected Systems With Applications. , 2019, , 47-71.		0
38	Active Fault-Tolerant Control of A Class of Multi-Agent Systems Based on Sliding Mode Technology. , 2019, , .		0
39	Pseudo-spectral optimal control of stochastic processes using Fokker Planck equation. Cogent Engineering, 2019, 6, .	1.1	1
40	A novel adaptive command-filtered backstepping sliding mode control for PV grid-connected system with energy storage. Solar Energy, 2019, 178, 222-230.	2.9	49
41	Adaptive fuzzy sliding mode command-filtered backstepping control for islanded PV microgrid with energy storage system. Journal of the Franklin Institute, 2019, 356, 1880-1898.	1.9	33
42	Adaptive Sliding Mode Observer for Nonlinear Interconnected Systems with Time Varying Parameters. Asian Journal of Control, 2019, 21, 405-414.	1.9	8
43	Adaptive Actuator Compensation of Position Tracking for High-Speed Trains With Disturbances. IEEE Transactions on Vehicular Technology, 2018, 67, 5706-5717.	3.9	33
44	Observer-Based Fuzzy Integral Sliding Mode Control For Nonlinear Descriptor Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2818-2832.	6.5	89
45	A Novel Adaptive Neural Network Constrained Control for a Multi-Area Interconnected Power System With Hybrid Energy Storage. IEEE Transactions on Industrial Electronics, 2018, 65, 6625-6634.	5.2	151
46	Nonlinear Sliding Mode Control for Interconnected Systems With Application to Automated Highway Systems. IEEE Transactions on Control of Network Systems, 2018, 5, 664-674.	2.4	18
47	An Adaptive Finite Time Sliding Mode Observer. , 2018, , 523-538.		2
48	Robust Stabilization of Tâ€™S Fuzzy Stochastic Descriptor Systems via Integral Sliding Modes. IEEE Transactions on Cybernetics, 2018, 48, 2736-2749.	6.2	67
49	Modeling and Dynamic Behavior of eIF2 Dependent Regulatory System With Disturbances. IEEE Transactions on Nanobioscience, 2018, 17, 518-524.	2.2	3
50	Unscented Particle Smoother and Its Application to Transfer Alignment of Airborne Distributed POS. International Journal of Aerospace Engineering, 2018, 2018, 1-13.	0.5	3
51	Advanced Control for Singular Systems with Applications. Mathematical Problems in Engineering, 2018, 2018, 1-2.	0.6	1
52	Decentralized Sliding Mode LFC for Nonlinear Interconnected Power System with Time Delay. , 2018, , .		2
53	State and Parameter Estimation for a Class of Nonlinearly Parameterized Systems Using Sliding Mode Techniques. , 2018, , .		0
54	Variable Structure Observers for Nonlinear Interconnected Systems. Studies in Systems, Decision and Control, 2018, , 195-221.	0.8	2

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55	Adaptive Compensation of Traction System Actuator Failures for High-Speed Trains. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2950-2963.	4.7	49
56	Sliding mode control for singular stochastic Markovian jump systems with uncertainties. Automatica, 2017, 79, 27-34.	3.0	124
57	Variable Structure Control of Complex Systems. Communications and Control Engineering, 2017, , .	1.0	25
58	Incipient Voltage Sensor Fault Isolation for Rectifier in Railway Electrical Traction Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 6763-6774.	5.2	46
59	Generalized Regular Form Based SMC for Nonlinear Systems With Application to a WMR. IEEE Transactions on Industrial Electronics, 2017, 64, 6714-6723.	5.2	27
60	Adaptive Observer Design for a Class of Nonlinear Interconnected Systems with Uncertain Time Varying Parameters. IFAC-PapersOnLine, 2017, 50, 1421-1426.	0.5	5
61	Incipient sensor fault detection for inverter devices in electric railway traction systems. , 2017, , .		0
62	Sensor Fault Detection for Rail Vehicle Suspension Systems With Disturbances and Stochastic Noises. IEEE Transactions on Vehicular Technology, 2017, 66, 4691-4705.	3.9	64
63	Robust sliding mode observers for large scale systems with application to a multimachine power system. IET Control Theory and Applications, 2017, 11, 1307-1315.	1.2	20
64	Integral sliding mode control for Markovian jump T&S fuzzy descriptor systems based on the super twisting algorithm. IET Control Theory and Applications, 2017, 11, 1134-1143.	1.2	90
65	Adaptive robust fault-tolerant control for linear MIMO systems with unmatched uncertainties. International Journal of Control, 2017, 90, 2253-2269.	1.2	8
66	Incipient sensor fault estimation and accommodation for inverter devices in electric railway traction systems. International Journal of Adaptive Control and Signal Processing, 2017, 31, 785-804.	2.3	18
67	Adaptive position tracking control of high-speed trains with piecewise dynamics. , 2017, , .		1
68	Decentralised Sliding Mode Control for Nonlinear Interconnected Systems in the Generalised Regular Form. IFAC-PapersOnLine, 2017, 50, 8850-8855.	0.5	1
69	Adaptive Position Tracking Compensation for High-Speed Trains with Actuator Failures * *This work was supported in part by the National Natural Science Foundation of China under Grant 61490703, Grant 61573180 and Grant 61374130.. IFAC-PapersOnLine, 2017, 50, 14266-14271.	0.5	1
70	Sliding Mode Control of Time-Delay Systems with Delayed Nonlinear Uncertainties. IFAC-PapersOnLine, 2017, 50, 2696-2701.	0.5	3
71	Sliding Mode Control for Nonlinear Manipulator Systems. IFAC-PapersOnLine, 2017, 50, 5127-5132.	0.5	12
72	Incipient Fault Detection Based on Robust Threshold Generators: A Sliding Mode Interval Estimation Approach * *This work is supported in part by the National Natural Science Foundation of China (Grant 61490703, 61573180 and 61603180), the Fundamental Research Funds for the Central Universities (NO. NE2014202), the Priority Academic Program Development of Jiangsu Higher Education Institutions, the Research Innovation Program for College Graduates of Jiangsu Province (KYLX-160374) and the Natural Science Foun. IFAC-PapersOnLine, 2017, 50, 5067-5072.	0.5	7

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73	Deformation Measuring Methods Based on Inertial Sensors for Airborne Distributed POS. International Journal of Aerospace Engineering, 2017, 2017, 1-12.	0.5	5
74	Reduced-Order Compensator-Based Feedback Control of Large-Scale Systems. Communications and Control Engineering, 2017, , 113-158.	1.0	0
75	Application of Decentralised Sliding Mode Control to Multimachine Power Systems. Communications and Control Engineering, 2017, , 297-313.	1.0	1
76	Advanced Control of Complex Dynamical Systems with Applications. Mathematical Problems in Engineering, 2016, 2016, 1-2.	0.6	0
77	Robust sliding mode observer design for interconnected systems. , 2016, , .		7
78	Variable structure observer for a class of nonlinear large-scale interconnected systems with uncertainties. , 2016, , .		1
79	Decentralised sliding mode control for nonlinear interconnected systems in the regular form. , 2016, , .		2
80	Distributed model predictive control for the atmospheric and vacuum distillation towers in a petroleum refining process. , 2016, , .		2
81	Sliding mode observer based incipient sensor fault detection with application to high-speed railway traction device. ISA Transactions, 2016, 63, 49-59.	3.1	76
82	Decentralised Stabilisation of Nonlinear Time Delay Interconnected Systems. IFAC-PapersOnLine, 2016, 49, 152-157.	0.5	3
83	Variable structure attitude control for a rolling aerial vehicle via extended state observer. , 2016, , .		1
84	Adaptive output feedback finite time control for a class of second order nonlinear systems. , 2016, , .		3
85	Interval sliding mode observer based incipient fault detection with application to a high-speed railway traction device. , 2016, , .		6
86	Neural Networks Based PID Control of Bidirectional Inductive Power Transfer System. Neural Processing Letters, 2016, 43, 837-847.	2.0	6
87	Sliding Mode Observer Based-Controller Design for Nonlinear Systems with Time Varying Delay. Advances in Delays and Dynamics, 2016, , 347-365.	0.4	3
88	Adaptive and Robust Fault-Tolerant Tracking Control of Contact force of Pantograph-Catenary for High-Speed Trains. IFAC-PapersOnLine, 2015, 48, 740-745.	0.5	4
89	Robust normalization and guaranteed cost control for a class of uncertain singular Markovian jump systems via hybrid impulsive control. International Journal of Robust and Nonlinear Control, 2015, 25, 987-1006.	2.1	16
90	Sliding mode control for a class of nonlinear systems with application to a wheeled mobile robot. , 2015, , .		11

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91	Stochastic stability and stabilization of discrete-time singular Markovian jump systems with partially unknown transition probabilities. International Journal of Robust and Nonlinear Control, 2015, 25, 1423-1437.	2.1	14
92	Decentralised variable structure observation of nonlinear interconnected systems with time delay. Journal of the Franklin Institute, 2015, 352, 4129-4146.	1.9	2
93	Parameter identification of BIPT system using chaotic-enhanced fruit fly optimization algorithm. Applied Mathematics and Computation, 2015, 268, 1267-1281.	1.4	30
94	Trajectory tracking control of a two-wheeled mobile robot using sliding mode techniques. , 2015, , .		4
95	Decentralised sliding mode control for a class of nonlinear interconnected systems. , 2015, , .		1
96	Stabilisation of descriptor Markovian jump systems with partially unknown transition probabilities. International Journal of Systems Science, 2015, 46, 218-226.	3.7	10
97	Bounded real lemmas for positive descriptor systems. Journal of the Franklin Institute, 2015, 352, 346-368.	1.9	8
98	Memoryless variable structure control for affine nonlinear systems using only output information. International Journal of Robust and Nonlinear Control, 2015, 25, 3316-3329.	2.1	9
99	Analysis and Design of Singular Markovian Jump Systems. , 2015, , .		48
100	Stochastic filtering for stochastic singular fuzzy systems with time-varying delay. Nonlinear Dynamics, 2015, 79, 215-228.	2.7	31
101	Decentralised Sliding Mode Control for Nonlinear Interconnected Systems with Application to a Continuously Stirred Tank Reactor. Studies in Systems, Decision and Control, 2015, , 37-55.	0.8	1
102	Output feedback control synthesis for non-linear time-delay systems using a sliding-mode observer. IMA Journal of Mathematical Control and Information, 2014, 31, 501-518.	1.1	9
103	Parameter identification of bidirectional IPT system using chaotic asexual reproduction optimization. Nonlinear Dynamics, 2014, 78, 2113-2127.	2.7	5
104	Stochastic input-to-state stability and H_∞ filtering for stochastic singular fuzzy systems with time-varying delay. Nonlinear Dynamics, 2015, 79, 215-228.	1.4	8
105	Complex dynamics in a singular Leslie-Gower predator-prey bioeconomic model with time delay and stochastic fluctuations. Physica A: Statistical Mechanics and Its Applications, 2014, 404, 180-191.	1.2	22
106	Positivity of Continuous-Time Descriptor Systems With Time Delays. IEEE Transactions on Automatic Control, 2014, 59, 3093-3097.	3.6	25
107	Delay-independent decentralised output feedback control for large-scale systems with nonlinear interconnections. International Journal of Control, 2014, 87, 473-482.	1.2	11
108	Memoryless Static Output Feedback Sliding Mode Control for Nonlinear Systems With Delayed Disturbances. IEEE Transactions on Automatic Control, 2014, 59, 1906-1912.	3.6	84

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109	Decentralised delay-dependent static output feedback variable structure control. Journal of the Franklin Institute, 2014, 351, 2033-2047.	1.9	3
110	Decentralised Observation Using Higher Order Sliding Mode Techniques. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4613-4618.	0.4	3
111	Decentralised control for complex systems - an invited survey. International Journal of Modelling, Identification and Control, 2014, 22, 285.	0.2	12
112	Decentralised stabilisation for nonlinear time delay interconnected systems using static output feedback. Automatica, 2013, 49, 633-641.	3.0	54
113	Decentralised Variable Structure Control for Time Delay Interconnected Systems. Lecture Notes in Control and Information Sciences, 2013, , 55-74.	0.6	0
114	Chattering-free condition for sliding mode control with unidirectional auxiliary surfaces. Transactions of the Institute of Measurement and Control, 2013, 35, 593-605.	1.1	16
115	State and Parameter Estimation for Nonlinear Delay Systems Using Sliding Mode Techniques. IEEE Transactions on Automatic Control, 2013, 58, 1023-1029.	3.6	69
116	Decentralised Output Feedback Variable Structure Control for Large Scale Time Delay Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 415-420.	0.4	0
117	Estimation and control of non-linear variables in a continuous fermentation process using sliding mode techniques. Transactions of the Institute of Measurement and Control, 2012, 34, 769-779.	1.1	4
118	Memoryless decentralised static output feedback variable structure control synthesis for time varying delay interconnected systems. , 2012, , .		0
119	Decentralised variable structure observers for nonlinear time delay systems with unknown interconnections. , 2012, , .		1
120	Global decentralised static output feedback sliding-mode control for interconnected time-delay systems. IET Control Theory and Applications, 2012, 6, 192.	1.2	58
121	Memoryless sliding mode control for nonlinear systems with time delay disturbances using only output information. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1928-1933.	0.4	1
122	Computational modelling elucidates the mechanism of ciliary regulation in health and disease. BMC Systems Biology, 2011, 5, 143.	3.0	4
123	Sliding mode observer based control for a class of nonlinear time delay systems with delayed uncertainties. , 2011, , .		3
124	Sliding mode control for time-varying delayed systems based on a reduced-order observer. Automatica, 2010, 46, 1354-1362.	3.0	108
125	Decentralised output feedback control for nonlinear interconnected systems with time delay interconnections and disturbances. , 2010, , .		2
126	A sliding mode observer for estimating substrate consumption rate in a fermentation process. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
127	Robust sliding mode observer with parameters estimation for a class of nonlinear time-delay systems. , 2010, , .		6
128	Global time-delay dependent decentralised sliding mode control using only output information. , 2009, , .		6
129	On discontinuous static output feedback control for linear systems with nonlinear disturbances. Systems and Control Letters, 2009, 58, 314-319.	1.3	7
130	Global stabilisation for a class of nonlinear time-delay systems based on dynamical output feedback sliding mode control. International Journal of Control, 2009, 82, 2293-2303.	1.2	16
131	Robust Observer Design for a Class of Nonlinear Systems Using the System Internal Dynamics Structure. Journal of Optimization Theory and Applications, 2008, 138, 175-187.	0.8	5
132	Higher-order sliding-mode observer for state estimation and input reconstruction in nonlinear systems. International Journal of Robust and Nonlinear Control, 2008, 18, 399-412.	2.1	297
133	Robust sliding mode observer-based actuator fault detection and isolation for a class of nonlinear systems. International Journal of Systems Science, 2008, 39, 349-359.	3.7	99
134	Adaptive Sliding-Mode-Observer-Based Fault Reconstruction for Nonlinear Systems With Parametric Uncertainties. IEEE Transactions on Industrial Electronics, 2008, 55, 4029-4036.	5.2	128
135	Robust decentralized actuator fault detection and estimation for large-scale systems using a sliding mode observer. International Journal of Control, 2008, 81, 591-606.	1.2	109
136	Static output feedback sliding mode control for time-varying delay systems with time-delayed nonlinear disturbances. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 8642-8647.	0.4	4
137	Fault Estimation for Single Output Nonlinear Systems Using an Adaptive Sliding Mode Observer. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 1896-1901.	0.4	0
138	State Estimation and Input Reconstruction in Nonlinear Systems via Higher Order Sliding Mode Observer. Proceedings of the American Control Conference, 2007, , .	0.0	19
139	Decentralised Sliding Mode Observer-Based FDI. , 2007, , 693-698.		0
140	On the Solvability of the Constrained Lyapunov Problem. IEEE Transactions on Automatic Control, 2007, 52, 1982-1987.	3.6	86
141	Sensor fault detection and isolation for nonlinear systems based on a sliding mode observer. International Journal of Adaptive Control and Signal Processing, 2007, 21, 657-673.	2.3	61
142	Nonlinear robust fault reconstruction and estimation using a sliding mode observer. Automatica, 2007, 43, 1605-1614.	3.0	501
143	Fault reconstruction/estimation using a sliding mode observer. , 2006, , .		2
144	Discussion on: "Adaptative Variable Structure Maneuvering Control and Vibration Reduction of Three-axis Stabilized Flexible Spacecraft" European Journal of Control, 2006, 12, 671-672.	1.6	0

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145	DECENTRALISED SLIDING MODE OBSERVER-BASED FDI. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 693-698.	0.4	1
146	Decentralised sliding mode control for nonminimum phase interconnected systems based on a reduced-order compensator. Automatica, 2006, 42, 1821-1828.	3.0	49
147	On the solvability of the constrained Lyapunov problem. , 2006, , .		1
148	Discussion on: Adaptive Variable Structure Maneuvering Control and Vibration Reduction of Three-axis Stabilized Flexible Spacecraft. European Journal of Control, 2006, 12, 669-672.	1.6	0
149	ON DISCONTINUOUS ROBUST STATIC OUTPUT FEEDBACK CONTROL. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 381-386.	0.4	1
150	DECENTRALISED SLIDING MODE CONTROL FOR NONMINIMUM PHASE NONLINEAR INTERCONNECTED SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 693-698.	0.4	0
151	Robust static output feedback variable structure control for nonlinear systems. IMA Journal of Mathematical Control and Information, 2005, 22, 321-333.	1.1	3
152	Dynamic Sliding Mode Control for a Class of Systems with Mismatched Uncertainty. European Journal of Control, 2005, 11, 1-10.	1.6	158
153	Decentralised robust sliding mode control for a class of nonlinear interconnected systems by static output feedback. Automatica, 2004, 40, 613-620.	3.0	129
154	Output feedback sliding mode control for non-minimum phase systems with non-linear disturbances. International Journal of Control, 2004, 77, 1353-1361.	1.2	44
155	Decentralized Output Feedback Sliding Mode Control of Nonlinear Large-Scale Systems with Uncertainties. Journal of Optimization Theory and Applications, 2003, 119, 597-614.	0.8	26
156	Reduced-order control for a class of nonlinear similar interconnected systems with mismatched uncertainty. Automatica, 2003, 39, 91-99.	3.0	29
157	Robust observer design for non-linear interconnected systems using structural characteristics. International Journal of Control, 2003, 76, 741-746.	1.2	22
158	Dynamic output feedback sliding mode control for nonlinear systems with mismatched uncertainty. , 2003, , .		1
159	Robust control for a class of modified Duffing equations. Transactions of the Institute of Measurement and Control, 2002, 24, 263-275.	1.1	3
160	Decentralized Control of Nonlinear Large-Scale Systems Using Dynamic Output Feedback. Journal of Optimization Theory and Applications, 2000, 104, 459-475.	0.8	32
161	Stability analysis and estimation of the parametric robust space of a nonlinear composite system. IMA Journal of Mathematical Control and Information, 1999, 16, 353-362.	1.1	2
162	Decentralized robust control for nonlinear large-scale systems with similarity. Computers and Electrical Engineering, 1999, 25, 169-179.	3.0	19

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163	Decentralized stabilization for nonlinear similar composite systems with uncertainty. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 3444-3449.	0.4	5
164	Decentralized Output Feedback Robust Control for Nonlinear Large-scale Systems. Automatica, 1998, 34, 1469-1472.	3.0	58
165	Decentralized output feedback robust stabilization for a class of nonlinear interconnected systems with similarity. IEEE Transactions on Automatic Control, 1998, 43, 294-299.	3.6	78
166	Decentralized sliding mode control for multimachine power systems using only output information. , 0, , .		1
167	Robust sliding mode observer-based actuator fault detection and isolation for a class of nonlinear systems. , 0, , .		12
168	Robust variable structure observer design for non-linear large-scale systems with non-linear interconnections. IMA Journal of Mathematical Control and Information, 0, , dnw063.	1.1	0
169	U-model-based double sliding mode control (UDSM-control) of nonlinear dynamic systems. International Journal of Systems Science, 0, , 1-17.	3.7	5