Chunjiang Qian

List of Publications by Year
in descending order

		53794	39675
200 papers	9,522 citations	45 h-index	94 g-index
200 all docs	200 docs citations	200 times ranked	2706 citing authors

#	Article	IF	Citations
1	Compensator-Based Output Feedback Stabilizers for a Class of Planar Systems With Unknown Structures and Measurements. IEEE Transactions on Automatic Control, 2022, 67, 2138-2143.	5.7	5
2	Finite-time integral control for a class of nonlinear planar systems with non-vanishing uncertainties. Automatica, 2022, 136, 110016.	5.0	8
3	A New Neural ODE Structure for Learning High-Order Dynamical Systems. , 2022, , .		0
4	A Necessary and Sufficient Condition for Stability of a Class of Planar Positive Nonlinear Systems. , 2021, 5, 535-540.		2
5	A homogeneous domination output feedback control method for active suspension of intelligent electric vehicle. Nonlinear Dynamics, 2021, 103, 1627-1644.	5.2	12
6	Co‐designed sampled‐data output consensus for multi‐agent systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5762-5775.	3.7	2
7	Sampled-data control of a class of uncertain nonlinear systems based on direct method. Systems and Control Letters, 2021, 155, 105000.	2.3	8
8	Finite-Time Controllers for a Class of Planar Nonlinear Systems With Mismatched Disturbances. , 2021, 5, 1928-1933.		6
9	Integral Control for a Class of Planar Systems with Uncertain Measurements under Control Input Saturation. , 2021, , .		0
10	A necessary and sufficient condition for stability of a class of planar nonlinear systems. Automatica, 2020, 121, 109198.	5.0	4
11	Analysis of a Chain of Integrators with Pulse-Width-Modulation Controller. , 2020, , .		4
12	Semiglobal stabilization of linearly uncontrollable and unobservable nonlinear systems via sampled‐data control. International Journal of Robust and Nonlinear Control, 2020, 30, 5290-5304.	3.7	2
13	Local asymptotic stabilization for a class of uncertain upper-triangular systems. Automatica, 2020, 118, 108954.	5.0	5
14	Finite‐time active shimmy control based on uncertain disturbance observer for electric vehicle with independent suspension. IET Intelligent Transport Systems, 2020, 14, 1835-1844.	3.0	5
15	Finite-time stability control of an electric vehicle under tyre blowout. Transactions of the Institute of Measurement and Control, 2019, 41, 1395-1404.	1.7	18
16	Deriving a Boolean dynamics to reveal macrophage activation with in vitro temporal cytokine expression profiles. BMC Bioinformatics, 2019, 20, 725.	2.6	12
17	Stability Analysis for Uncertain Chains of Integrators Driven by Nested Nonlinear Feedbacks. , 2019, , .		0
18	Controller design for a class of nontriangular nonlinear systems with input dependent growth rate. International Journal of Robust and Nonlinear Control, 2019, 29, 1325-1338.	3.7	4

#	ARTICLE	IF	CITATIONS
19	Global sampled-data output feedback stabilization for a class of uncertain nonlinear systems. Automatica, 2019, 99, 403-411.	5.0	111
20	Active steering wheel shimmy control for electric vehicle by sampled-data output feedback. ISA Transactions, 2019, 84, 262-270.	5.7	9
21	Robust control for a class of high-order uncertain nonlinear systems via measurement feedback. International Journal of Control, 2019, 92, 1393-1400.	1.9	5
22	Integrated stability control of AFS and DYC for electric vehicle based on non-smooth control. International Journal of Systems Science, 2018, 49, 1518-1528.	5.5	64
23	Global stabilization via sampled-data output feedback for large-scale systems interconnected by inherent nonlinearities. Automatica, 2018, 92, 254-258.	5.0	44
24	Global asymptotic synchronization of a class of non-linear systems via sampled-data feedback. Transactions of the Institute of Measurement and Control, 2018, 40, 12-21.	1.7	3
25	Dual‐rate sampled‐data stabilization for active suspension system of electric vehicle. International Journal of Robust and Nonlinear Control, 2018, 28, 1610-1623.	3.7	57
26	Global Output Feedback Stabilization of a Class of Nonlinear Systems With Unknown Measurement Sensitivity. IEEE Transactions on Automatic Control, 2018, 63, 2212-2217.	5.7	123
27	Lateral Motion Stability Control Via Sampled-Data Output Feedback of a High-Speed Electric Vehicle Driven by Four In-Wheel Motors. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2018, 140, .	1.6	8
28	Universal Adaptive Control via Output Feedback for Nonlinear Systems with Parametric and Measurement Uncertainty. , 2018, , .		1
29	A necessary and sufficient condition for local asymptotic stability of a class of nonlinear systems in the critical case. Automatica, 2018, 96, 234-239.	5.0	11
30	On Equilibria and Consensus of the Lohe Model with Identical Oscillators. SIAM Journal on Applied Dynamical Systems, 2018, 17, 1716-1741.	1.6	32
31	Interval Homogeneity-Based Control for a Class of Nonlinear Systems With Unknown Power Drifts. IEEE Transactions on Automatic Control, 2017, 62, 1445-1450.	5.7	55
32	Finite-Time Disturbance Observer Design and Attitude Tracking Control of a Rigid Spacecraft. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	1.6	24
33	Smooth output feedback stabilization for a class of nonlinear systems with time‐varying powers. International Journal of Robust and Nonlinear Control, 2017, 27, 5113-5128.	3.7	62
34	Smooth output feedback stabilization of a class of planar switched nonlinear systems under arbitrary switchings. Automatica, 2017, 82, 314-318.	5.0	53
35	Global asymptotic output tracking of nonlinear second-order systems with power integrators. Automatica, 2017, 80, 156-161.	5.0	77
36	Global control for a class of inherently nonlinear systems with uncertain measurements * *This work was supported in part by National Natural Science Foundation of China (61473082), the fundamental Research Funds for the Central Universal, and PAPD.. IFAC-PapersOnLine, 2017, 50, 11571-11576.	0.9	1

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37	State estimation in computer virus epidemic dynamical systems using hybrid extended Kalman filter. , 2017, , .		1
38	Asymptotic stability of a class of inherently nonlinear systems under linear feedback control. , 2017, , .		1
39	Global control for a class of uncertain upper-triangular nonlinear systems with uncontrollable linearization. , 2017, , .		2
40	Observability and sensor allocation for Boolean networks. , 2017, , .		1
41	Global Stabilization of a Class of High-Order Upper-Triangular Nonlinear Systems using Dynamic State-Feedback**This work was supported in part by the National Natural Science Foundation of China (61473082).. IFAC-PapersOnLine, 2016, 49, 730-735.	0.9	1
42	Smooth output feedback stabilization for nonlinear systems with time-varying powers**This work was supported by the National Chiao Tung University Short Term Research Scholarship funded by The Ministry of Education under Taiwanâ€™s 2015 Global Networking Talent Plan; and the Ministry of Science and Technology (MOST), Taipei, under grants NSC 102-2221-E-009-063-, MOST 103-2221- E-009-055-, and MOST 104-2221-E-009-075-.. IFAC-PapersOnLine, 2016, 49, 939-944.	0.9	4
43	Interval homogeneous domination approach for global stabilization of nonlinear systems with time-varying powers. , 2016, , .		4
44	State feedback control design for Boolean networks. BMC Systems Biology, 2016, 10, 70.	3.0	7
45	Smooth state feedback stabilization for a class of planar switched nonlinear systems under arbitrary switching. , 2016, , .		4
46	Estimation of single-phase grid voltage parameters: An adaptive observer-based approach. , 2016, , .		2
47	Robust control for a class of nonlinear systems with unknown measurement drifts. Automatica, 2016, 71, 33-37.	5.0	20
48	Almost disturbance decoupling for a class of nonlinear systems via sampled-data output feedback control. International Journal of Robust and Nonlinear Control, 2016, 26, 2201-2215.	3.7	27
49	Global Stabilization via Sampled-Data Output Feedback for a Class of Linearly Uncontrollable and Unobservable Systems. IEEE Transactions on Automatic Control, 2016, 61, 4088-4093.	5.7	46
50	Universal finiteâ€time observer design and adaptive frequency regulation of hydraulic turbine systems. IET Control Theory and Applications, 2016, 10, 363-370.	2.1	10
51	Adaptive Robust Finite-Time Trajectory Tracking Control of Fully Actuated Marine Surface Vehicles. IEEE Transactions on Control Systems Technology, 2016, 24, 1454-1462.	5.2	289
52	Dynamic linear controller design for a class of high-order nonlinear systems via state-feedback. , 2015, , .		3
53	Global practical tracking for a class of nonlinear systems via linear sampled-data control. , 2015, , .		0
54	Global practical tracking of a class of nonlinear systems using linear sampled-data control. International Journal of Control, 2015, 88, 1851-1860.	1.9	33

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55	Decentralized output feedback control of a class of nonlinear systems with unsynchronized sampling instants. , 2015, , .		3
56	A dualâ€observer approach for global output feedback stabilization of planar nonlinear systems with outputâ€dependent growth rates. International Journal of Robust and Nonlinear Control, 2015, 25, 3818-3830.	3.7	8
57	Global stabilisation for a class of uncertain nonlinear time-delay systems by dynamic state and output feedback. International Journal of Control, 2015, 88, 1163-1173.	1.9	6
58	Global stabilization via sampled-data output feedback control for a class of nonlinear systems subject to time-delays. , 2015, , .		2
59	Nonlinear observer design for a solar thermal water heater system. , 2015, , .		2
60	Global Robust Stabilization via Sampledâ€Data Output Feedback for Nonlinear Systems with Uncertain Measurement and Control Gains. Asian Journal of Control, 2015, 17, 868-878.	3.0	22
61	Semiâ€global stabilization via linear sampledâ€data output feedback for a class of uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2015, 25, 2041-2061.	3.7	60
62	Robust Control for PWM-Based DCâ€"DC Buck Power Converters With Uncertainty Via Sampled-Data Output Feedback. IEEE Transactions on Power Electronics, 2015, 30, 504-515.	7.9	172
63	Generalized homogeneous systems with applications to nonlinear control: A survey. Mathematical Control and Related Fields, 2015, 5, 585-611.	1.1	17
64	Decentralized sampled-data control of interconnected systems using low gain and high gain output feedback. , 2014, , .		3
65	Chaotic Synchronization of a Class of Nonlinear Systems via Sampled-Data State Feedback. , 2014, , .		0
66	Sampled-data output feedback control of uncertain nonholonomic systems in chained forms with applications to mobile robots. , 2014, , .		7
67	Global stabilization of inherently non-linear systems using continuously differentiable controllers. Nonlinear Dynamics, 2014, 77, 739-752.	5.2	75
68	Global stabilization via homogeneous output feedback for a class of uncertain nonlinear systems subject to time delays. Transactions of the Institute of Measurement and Control, 2014, 36, 478-486.	1.7	17
69	A generalised homogeneous solution for global stabilisation of a class of non-smooth upper-triangular systems. International Journal of Control, 2014, 87, 951-963.	1.9	19
70	State feedback stabilization for a class of nonlinear time-delay systems via dynamic linear controllers. Journal of Systems Science and Complexity, 2014, 27, 453-462.	2.8	2
71	Synchronization via sampled-data output-feedback for a class of chaotic systems. , 2014, , .		1
72	Global stabilization of a class of uncertain upperâ€triangular systems under sampledâ€data control. International Journal of Robust and Nonlinear Control, 2013, 23, 620-637.	3.7	49

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73	Recursive design of finite-time convergent observers for a class of time-varying nonlinear systems. Automatica, 2013, 49, 601-609.	5.0	149
74	Exponential stabilization of delayed recurrent neural networks: A state estimation based approach. Neural Networks, 2013, 48, 153-157.	5.9	54
75	Global Output Feedback Stabilization of a Class of Nonlinear Systems With Multiple Output. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2013, 135, .	1.6	3
76	Global smooth stabilization of a class of feedforward systems under the framework of generalized homogeneity with monotone degrees. Journal of the Franklin Institute, 2013, 350, 3149-3167.	3.4	23
77	Global sampled€data output feedback stabilisation of a class of upper€triangular systems with input delay. IET Control Theory and Applications, 2013, 7, 1437-1446.	2.1	31
78	New advances in flight control systems. International Journal of Robust and Nonlinear Control, 2013, 23, 1655-1656.	3.7	0
79	Global decentralized control of interconnected nonlinear systems by sampled-data output feedback. , 2013, , .		6
80	A Combined Speed and Finite-Time Yaw Controller for an Underactuated Unmanned Surface Vessel Using Way-Point Navigation. , 2013, , .		4
81	Semi-Global Stabilization via Linear Sampled-Data Output Feedback for a Class of Uncertain Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 286-291.	0.4	1
82	Global output feedback stabilization for a class of nonlinear planar systems with output-dependent growth rates. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 683-688.	0.4	1
83	Global Finite-Time Stabilization of a Class of Non-Smooth Upper-Triangular Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 677-682.	0.4	2
84	Global finite-time stabilisation using bounded feedback for a class of non-linear systems. IET Control Theory and Applications, 2012, 6, 2326-2336.	2.1	51
85	Information consensus for multi-agent systems via nonlinear protocols. , 2012, , .		0
86	Smooth global stabilization for a class of nonlinear systems using homogeneity with monotone degrees. , 2012, , .		0
87	Generalized homogeneity with monotone degree and smooth stabilization for a class of feedforward systems. , 2012, , .		5
88	Finite-time observer for a class of time-varying nonlinear systems. , 2012, , .		3
89	Finite-time convergent observer design and adaptive control of a nonlinear boiler system. , 2012, , .		0
90	Homogeneity with incremental degrees and global stabilisation of a class of high-order upper-triangular systems. International Journal of Control, 2012, 85, 1851-1864.	1.9	23

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91	Global Output Feedback Stabilization of a Class of Nonlinear Systems via Linear Sampled-Data Control. IEEE Transactions on Automatic Control, 2012, 57, 2934-2939.	5.7	194
92	Semi-global finite-time stabilisation via output feedback of planar non-linear systems with application to MPPT in photovoltaic systems. International Journal of Automation and Control, 2012, 6, 140.	0.5	2
93	Global output feedback stabilization of a class of upper-triangular systems with input delay. , 2012, , .		2
94	Global stabilization of a class of upper-triangular systems using a generalized homogeneous method. , 2012, , .		0
95	Global control of nonlinear systems with uncertain output function using homogeneous domination approach. International Journal of Robust and Nonlinear Control, 2012, 22, 1543-1561.	3.7	149
96	Semiâ€Global Output Feedback Stabilization for a Class of Uncertain Nonlinear Systems. Asian Journal of Control, 2012, 14, 1724-1731.	3.0	13
97	A genuine nonlinear approach for controller design of a boilerâ€"turbine system. ISA Transactions, 2012, 51, 446-453.	5.7	18
98	Semi-global stabilisation of uncertain non-linear systems by homogeneous output feedback controllers. IET Control Theory and Applications, 2012, 6, 165.	2.1	29
99	A semi-global finite-time convergent observer for a class of nonlinear systems with bounded trajectories. Nonlinear Analysis: Real World Applications, 2012, 13, 1827-1836.	1.7	20
100	Finite-Time Attitude Tracking Control of Spacecraft With Application to Attitude Synchronization. IEEE Transactions on Automatic Control, 2011, 56, 2711-2717.	5.7	649
101	Global Finite-Time Stabilization of a Class of Nonlinear Systems via Bounded Output Feedback Controllers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 233-238.	0.4	2
102	Performance Comparison and Feedback Controller Design of Network Controlled Systems with Continuous Loss of States. , 2011, , .		0
103	Global stabilization of a class of upperâ€triangular systems with unbounded or uncontrollable linearizations. International Journal of Robust and Nonlinear Control, 2011, 21, 271-294.	3.7	108
104	Using discrete-time controller to globally stabilize a class of feedforward nonlinear systems. , 2011, , .		2
105	Finite-time convergent observer for a class of nonlinear systems using homogeneous method. , 2011, , .		3
106	Fast convergent observer design for output feedback stabilisation of a planar vertical takeoff and landing aircraft. IET Control Theory and Applications, 2010, 4, 690-700.	2.1	35
107	State estimation and output feedback stabilization of a class of upper-triangular systems using a homogeneous observer. , 2010, , .		0
108	Global finite-time stabilization of a class of upper-triangular systems. , 2010, , .		1

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109	Semi-global finite-time stabilization of a class of nonlinear systems by output feedback. , 2010, , .		4
110	Global finite-time stabilisation by output feedback for a class of uncertain nonlinear systems. International Journal of Control, 2010, 83, 2241-2252.	1.9	128
111	Global finite-time stabilization via output feedback for upper-triangular systems with unknown output gain. , 2010, , .		11
112	Global stabilization of a class of upper-triangular systems with higher-order nonlinearities. , 2010, , .		1
113	Global Stabilization of a Class of Feedforward Systems with Lower-Order Nonlinearities. IEEE Transactions on Automatic Control, 2010, 55, 691-696.	5.7	91
114	Global stabilization over the network with continuous loss of states. , 2010, , .		0
115	Control of an airship using particle swarm optimization and neural network. , 2009, , .		9
116	Global stabilization of feedforward systems with lower-order vector field. , 2009, , .		6
117	Global output feedback stabilization of a class of upper-triangular nonlinear systems. , 2009, , .		4
118	Development of a full body balance model using an artificial neural network approach. , 2009, , .		3
119	Particle swarm optimization for PID tuning of a BLDC motor. , 2009, , .		11
120	A dualâ€observer design for global output feedback stabilization of nonlinear systems with lowâ€order and highâ€order nonlinearities. International Journal of Robust and Nonlinear Control, 2009, 19, 1697-1720.	3.7	106
121	Global finite-time stabilization of a PVTOL aircraft by output feedback. , 2009, , .		12
122	Control of a PVTOL Aircraft Using Finite-Time Output Feedback. , 2009, , .		2
123	Model development, state estimation, and controller design of a nonlinear utility boiler system. , 2008, , .		6
124	Adaptive controller design for a nonlinear drum-boiler turbine system. , 2008, , .		1
125	Decentralized Output Feedback Control of Interconnected Systems Using Low Gain-High Gain Feedback Domination. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 13145-13150.	0.4	2
126	Homogeneous Domination and the Decentralized Control Problem for Nonlinear System Stabilization. , 2008, , 257-280.		5

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127	An expanded method to robustly stabilize uncertain nonlinear systems. Communications in Information and Systems, 2008, 8, 55-70.	0.5	78
128	Homogeneous Domination Design using Dual Observers: A Tool for Global Output Feedback Stabilization of Nonlinear Systems with Polynomially Growing Unmeasurable States. , 2007, , .		3
129	A dual observer design for global output feedback stabilization of nonlinear systems with low-order and high-order nonlinearities. , 2007, , .		3
130	A Dual Observer Method for Global Stabilization of Nonlinear Systems with Limited and Uncertain Information. Proceedings of the American Control Conference, 2007, , .	0.0	7
131	Decentralized Output Feedback Control of Interconnected Systems with High-Order Nonlinearities. Proceedings of the American Control Conference, 2007, , .	0.0	8
132	The 6-DOF Dynamic Model and Simulation of the Tri-Turbofan Remote-Controlled Airship. Proceedings of the American Control Conference, 2007, , .	0.0	23
133	Robust Receding Horizon Control of A Tri-Turbofan Airship. , 2007, , .		5
134	Output Feedback Stabilization of Nonlinear Feedforward Systems using Low Gain Homogeneous Domination. , 2007, , .		15
135	Finite Energy Management and Flight Control for a System of Airships Systems. , 2007, , .		2
136	Global practical tracking of a class of nonlinear systems by output feedback. Automatica, 2007, 43, 184-189.	5.0	154
137	A generalized homogeneous domination approach for global stabilization of inherently nonlinear systems via output feedback. International Journal of Robust and Nonlinear Control, 2007, 17, 605-629.	3.7	227
138	A GENERALIZED FRAMEWORK FOR GLOBAL OUTPUT FEEDBACK STABILIZATION OF INHERENTLY NONLINEAR SYSTEMS WITH UNCERTAINTIES. , 2007, , .		2
139	Recursive Observer Design, Homogeneous Approximation, and Nonsmooth Output Feedback Stabilization of Nonlinear Systems. IEEE Transactions on Automatic Control, 2006, 51, 1457-1471.	5.7	183
140	The Development of the Tri-Turbofan Airship Model for Autonomous Flight Control Research. , 2006, , .		7
141	The Instrumentation and Flight Testing of a Rotorcraft Vehicle for Undergraduate Flight Control Research. , 2006, , .		4
142	The Development of a high performance UAV for flight control research. , 2006, , .		1
143	Global Finite-Time Stabilization by Dynamic Output Feedback for a Class of Continuous Nonlinear Systems. IEEE Transactions on Automatic Control, 2006, 51, 879-884.	5.7	179
144	Global output feedback stabilization of upper-triangular nonlinear systems using a homogeneous domination approach. International Journal of Robust and Nonlinear Control, 2006, 16, 441-463.	3.7	160

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145	Prediction of microdamage formation using a mineral-collagen composite model of bone. Journal of Biomechanics, 2006, 39, 595-602.	2.1	26
146	A universal method for robust stabilization of nonlinear systems: unification and extension of smooth and non-smooth approaches. , 2006, , .		18
147	Global finite-time stabilization by output feedback for a class of linearly unobservable systems. , 2006, , .		5
148	Semi-global stabilization of a class of uncertain nonlinear systems by linear output feedback. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 218-222.	2.2	54
149	Global finite-time stabilization by output feedback for planar systems without observable linearization. IEEE Transactions on Automatic Control, 2005, 50, 885-890.	5.7	164
150	Receding Horizon Control of a Linear Parameter Varying Model of the Raptor 50 Helicopter. , 2005, , .		5
151	Nonlinear Equations of Motion in the Simulation of the Raptor 50 V2 Remote Controlled Helicopter With Optimal Controller Design. , 2005, , .		1
152	Decentralized output feedback control of large-scale nonlinear systems interconnected by unmeasurable states. , 2004, , .		9
153	Recursive observer design and nonsmooth output feedback stabilization of inherently nonlinear systems. , 2004, , .		12
154	Global finite-time stabilization of planar nonlinear systems by output feedback. , 2004, , .		1
155	Finite-Time Stabilization of Planar Systems with Actuator Saturation Constraints: An Application to the Reaction Control System. , 2004, , .		2
156	Decentralized Output Feedback Control of Large-Scale Interconnected Nonlinear Systems with Applications to Multi-Vehicle Systems. , 2004, , .		0
157	Decentralized Control of Large-Scale Uncertain Nonlinear Systems by Linear Output Feedback. Communications in Information and Systems, 2004, 4, 191-210.	0.5	12
158	Disturbance attenuation of a class of non-linear systems via output feedback. International Journal of Robust and Nonlinear Control, 2003, 13, 1359-1369.	3.7	36
159	Global stabilization of nonlinear systems: A continuous feedback framework. , 2003, , 295-315.		0
160	Nonsmooth output feedback stabilization of a class of genuinely nonlinear systems in the plane. IEEE Transactions on Automatic Control, 2003, 48, 1824-1829.	5.7	34
161	Global output feedback stabilization of uncertain nonholonomic systems with applications to mobile robots. , 2003, , .		1
162	New results on regulation of nonlinear systems in power chained form. , 2002, , .		0

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163	ALMOST DISTURBANCE DECOUPLING FOR NONLINEAR SYSTEMS VIA CONTINUOUS FEEDBACK. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 253-258.	0.4	3
164	Control of high-order nonholonomic systems in power chained form using discontinuous feedback. IEEE Transactions on Automatic Control, 2002, 47, 108-115.	5.7	55
165	Adaptive control of nonlinearly parameterized systems: the smooth feedback case. IEEE Transactions on Automatic Control, 2002, 47, 1249-1266.	5.7	497
166	Adaptive control of nonlinearly parameterized systems: a nonsmooth feedback framework. IEEE Transactions on Automatic Control, 2002, 47, 757-774.	5.7	317
167	Practical output tracking of nonlinear systems with uncontrollable unstable linearization. IEEE Transactions on Automatic Control, 2002, 47, 21-36.	5.7	203
168	Output feedback control of a class of nonlinear systems: a nonseparation principle paradigm. IEEE Transactions on Automatic Control, 2002, 47, 1710-1715.	5.7	473
169	Smooth output feedback stabilization of planar systems without controllable/observable linearization. IEEE Transactions on Automatic Control, 2002, 47, 2068-2073.	5.7	61
170	Adaptive regulation of cascade systems with nonlinear parameterization. International Journal of Robust and Nonlinear Control, 2002, 12, 1093-1108.	3.7	19
171	A continuous feedback approach to global strong stabilization of nonlinear systems. IEEE Transactions on Automatic Control, 2001, 46, 1061-1079.	5.7	1,034
172	Smooth Feedback, Global Stabilization, and Disturbance Attenuation of Nonlinear Systems with Uncontrollable Linearization. SIAM Journal on Control and Optimization, 2001, 40, 191-210.	2.1	13
173	Non-Lipschitz continuous stabilizers for nonlinear systems with uncontrollable unstable linearization. Systems and Control Letters, 2001, 42, 185-200.	2.3	685
174	Semi-global robust stabilization of MIMO nonlinear systems by partial state and dynamic output feedback. Automatica, 2001, 37, 1093-1101.	5.0	54
175	Robust regulation of a chain of power integrators perturbed by a lower-triangular vector field. International Journal of Robust and Nonlinear Control, 2000, 10, 397-421.	3.7	69
176	Adaptive regulation of high-order lower-triangular systems: an adding a power integrator technique. Systems and Control Letters, 2000, 39, 353-364.	2.3	103
177	Adding one power integrator: a tool for global stabilization of high-order lower-triangular systems. Systems and Control Letters, 2000, 39, 339-351.	2.3	472
178	Almost disturbance decoupling for a class of high-order nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 1208-1214.	5.7	54
179	Using small feedback to stabilize a wider class of feedforward systems 1. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 2434-2439.	0.4	16
180	Semi-global robust stabilization of nonlinear systems by partial state and output feedback. , 0, , .		9

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181	New results on global stabilization of feedforward systems via small feedback. , 0, , .		13
182	Adaptive regulation of high-order cascade systems: an adding one power integrator approach. , 0, , .		1
183	Adding a power integrator: a tool for global stabilization of high-order lower-triangular systems. , 0, , .		2
184	Practical output tracking of nonlinear systems with applications to underactuated mechanical systems. , 0, , .		1
185	Non-smooth stabilizers for nonlinear systems with uncontrollable unstable linearization. , 0, , .		1
186	A framework for global stabilization of nonlinear systems by continuous state feedback. , 0, , .		0
187	Adaptive control of nonlinearly parameterized systems. , 0, , .		5
188	Output feedback stabilization of planar systems with uncontrollable/unobservable linearization. , 0, , .		1
189	Universal stabilization of a class of nonlinear systems by output feedback. , 0, , .		1
190	Global regulation of a class of uncertain nonlinear systems using output feedback. , 0, , .		18
191	Nonsmooth output feedback stabilization and tracking of a class of nonlinear systems. , 0, , .		7
192	Finite-time stabilization of the NASA CEV reaction control system with actuator saturation and by position measurements. , 0, , .		1
193	Global finite-time stabilization of a class of nonsmooth nonlinear systems by output feedback. , 0, , .		1
194	New Results on Nonsmooth Output Feedback Stabilization of Nonlinear Systems. , 0, , 305-319.		2
195	A Generalized Framework for Global Output Feedback Stabilization of Genuinely Nonlinear Systems. , 0, , .		29
196	Global Finite-Time Stabilization of a Class of Uncertain Nonlinear Systems Using Output Feedback. , 0, , .		15
197	Global Practical Output Regulation of a Class of Nonlinear Systems by Output Feedback. , 0, , .		2
198	Receding horizon control of a 6-DOF model of the raptor 50 helicopter: robustness to changing flight conditions. , 0, , .		0

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199	A homogeneous domination approach for global output feedback stabilization of a class of nonlinear systems. , 0, , .		95
200	Fixed‐time stability analysis and stabilization control of a class of nonlinear systems with output constraints. International Journal of Robust and Nonlinear Control, 0, , .	3.7	7