

Chunjiang Qian

List of Publications by Year in descending order

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200
papers

9,522
citations

53794

45
h-index

39675

94
g-index

200
all docs

200
docs citations

200
times ranked

2706
citing authors

#	ARTICLE	IF	CITATIONS
1	A continuous feedback approach to global strong stabilization of nonlinear systems. IEEE Transactions on Automatic Control, 2001, 46, 1061-1079.	5.7	1,034
2	Non-Lipschitz continuous stabilizers for nonlinear systems with uncontrollable unstable linearization. Systems and Control Letters, 2001, 42, 185-200.	2.3	685
3	Finite-Time Attitude Tracking Control of Spacecraft With Application to Attitude Synchronization. IEEE Transactions on Automatic Control, 2011, 56, 2711-2717.	5.7	649
4	Adaptive control of nonlinearly parameterized systems: the smooth feedback case. IEEE Transactions on Automatic Control, 2002, 47, 1249-1266.	5.7	497
5	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
6	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
7	Adaptive control of nonlinearly parameterized systems: a nonsmooth feedback framework. IEEE Transactions on Automatic Control, 2002, 47, 757-774.	5.7	317
8	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
9	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
10	Practical output tracking of nonlinear systems with uncontrollable unstable linearization. IEEE Transactions on Automatic Control, 2002, 47, 21-36.	5.7	203
11	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
12	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
13	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
14	Robust Control for PWM-Based DC-DC Buck Power Converters With Uncertainty Via Sampled-Data Output Feedback. IEEE Transactions on Power Electronics, 2015, 30, 504-515.	7.9	172
15	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
16	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
17	Global practical tracking of a class of nonlinear systems by output feedback. Automatica, 2007, 43, 184-189.	5.0	154
18	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

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19	Recursive design of finite-time convergent observers for a class of time-varying nonlinear systems. <i>Automatica</i> , 2013, 49, 601-609.	5.0	149
20	Global finite-time stabilisation by output feedback for a class of uncertain nonlinear systems. <i>International Journal of Control</i> , 2010, 83, 2241-2252.	1.9	128
21	Global Output Feedback Stabilization of a Class of Nonlinear Systems With Unknown Measurement Sensitivity. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2212-2217.	5.7	123
22	Global sampled-data output feedback stabilization for a class of uncertain nonlinear systems. <i>Automatica</i> , 2019, 99, 403-411.	5.0	111
23	Global stabilization of a class of upper-triangular systems with unbounded or uncontrollable linearizations. <i>International Journal of Robust and Nonlinear Control</i> , 2011, 21, 271-294.	3.7	108
24	A dual-observer design for global output feedback stabilization of nonlinear systems with low-order and high-order nonlinearities. <i>International Journal of Robust and Nonlinear Control</i> , 2009, 19, 1697-1720.	3.7	106
25	Adaptive regulation of high-order lower-triangular systems: an adding a power integrator technique. <i>Systems and Control Letters</i> , 2000, 39, 353-364.	2.3	103
26	A homogeneous domination approach for global output feedback stabilization of a class of nonlinear systems. , 0, , .		95
27	Global Stabilization of a Class of Feedforward Systems with Lower-Order Nonlinearities. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 691-696.	5.7	91
28	An expanded method to robustly stabilize uncertain nonlinear systems. <i>Communications in Information and Systems</i> , 2008, 8, 55-70.	0.5	78
29	Global asymptotic output tracking of nonlinear second-order systems with power integrators. <i>Automatica</i> , 2017, 80, 156-161.	5.0	77
30	Global stabilization of inherently non-linear systems using continuously differentiable controllers. <i>Nonlinear Dynamics</i> , 2014, 77, 739-752.	5.2	75
31	Robust regulation of a chain of power integrators perturbed by a lower-triangular vector field. <i>International Journal of Robust and Nonlinear Control</i> , 2000, 10, 397-421.	3.7	69
32	Integrated stability control of AFS and DYC for electric vehicle based on non-smooth control. <i>International Journal of Systems Science</i> , 2018, 49, 1518-1528.	5.5	64
33	Smooth output feedback stabilization for a class of nonlinear systems with time-varying powers. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 5113-5128.	3.7	62
34	Smooth output feedback stabilization of planar systems without controllable/observable linearization. <i>IEEE Transactions on Automatic Control</i> , 2002, 47, 2068-2073.	5.7	61
35	Semi-global stabilization via linear sampled-data output feedback for a class of uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 2041-2061.	3.7	60
36	Dual-rate sampled-data stabilization for active suspension system of electric vehicle. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 1610-1623.	3.7	57

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Almost disturbance decoupling for a class of high-order nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 1208-1214.	5.7	54
40	Semi-global robust stabilization of MIMO nonlinear systems by partial state and dynamic output feedback. Automatica, 2001, 37, 1093-1101.	5.0	54
41	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
42	Exponential stabilization of delayed recurrent neural networks: A state estimation based approach. Neural Networks, 2013, 48, 153-157.	5.9	54
43	Smooth output feedback stabilization of a class of planar switched nonlinear systems under arbitrary switchings. Automatica, 2017, 82, 314-318.	5.0	53
44	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
45	Global stabilization of a class of uncertain upper-triangular systems under sampled-data control. International Journal of Robust and Nonlinear Control, 2013, 23, 620-637.	3.7	49
46	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
47	Global stabilization via sampled-data output feedback for large-scale systems interconnected by inherent nonlinearities. Automatica, 2018, 92, 254-258.	5.0	44
48	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
49	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
50	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
51	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
52	On Equilibria and Consensus of the Lohe Model with Identical Oscillators. SIAM Journal on Applied Dynamical Systems, 2018, 17, 1716-1741.	1.6	32
53	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
54	A Generalized Framework for Global Output Feedback Stabilization of Genuinely Nonlinear Systems. , 0, , .		29

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55	Semi-global stabilisation of uncertain non-linear systems by homogeneous output feedback controllers. IET Control Theory and Applications, 2012, 6, 165.	2.1	29
56	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
57	Prediction of microdamage formation using a mineral-collagen composite model of bone. Journal of Biomechanics, 2006, 39, 595-602.	2.1	26
58	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
59	The 6-DOF Dynamic Model and Simulation of the Tri-Turbofan Remote-Controlled Airship. Proceedings of the American Control Conference, 2007, , .	0.0	23
60	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
61	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
62	Global Robust Stabilization via Sampled-Data Output Feedback for Nonlinear Systems with Uncertain Measurement and Control Gains. Asian Journal of Control, 2015, 17, 868-878.	3.0	22
63	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
64	Robust control for a class of nonlinear systems with unknown measurement drifts. Automatica, 2016, 71, 33-37.	5.0	20
65	Adaptive regulation of cascade systems with nonlinear parameterization. International Journal of Robust and Nonlinear Control, 2002, 12, 1093-1108.	3.7	19
66	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
67	Global regulation of a class of uncertain nonlinear systems using output feedback. , 0, , .		18
68	A universal method for robust stabilization of nonlinear systems: unification and extension of smooth and non-smooth approaches. , 2006, , .		18
69	A genuine nonlinear approach for controller design of a boiler-turbine system. ISA Transactions, 2012, 51, 446-453.	5.7	18
70	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
71	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
72	Generalized homogeneous systems with applications to nonlinear control: A survey. Mathematical Control and Related Fields, 2015, 5, 585-611.	1.1	17

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73	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
74	Global Finite-Time Stabilization of a Class of Uncertain Nonlinear Systems Using Output Feedback. , 0, , .		15
75	Output Feedback Stabilization of Nonlinear Feedforward Systems using Low Gain Homogeneous Domination. , 2007, , .		15
76	New results on global stabilization of feedforward systems via small feedback. , 0, , .		13
77	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
78	Semi-Global Output Feedback Stabilization for a Class of Uncertain Nonlinear Systems. Asian Journal of Control, 2012, 14, 1724-1731.	3.0	13
79	Recursive observer design and nonsmooth output feedback stabilization of inherently nonlinear systems. , 2004, , .		12
80	Global finite-time stabilization of a PVTOL aircraft by output feedback. , 2009, , .		12
81	Deriving a Boolean dynamics to reveal macrophage activation with in vitro temporal cytokine expression profiles. BMC Bioinformatics, 2019, 20, 725.	2.6	12
82	A homogeneous domination output feedback control method for active suspension of intelligent electric vehicle. Nonlinear Dynamics, 2021, 103, 1627-1644.	5.2	12
83	Decentralized Control of Large-Scale Uncertain Nonlinear Systems by Linear Output Feedback. Communications in Information and Systems, 2004, 4, 191-210.	0.5	12
84	Particle swarm optimization for PID tuning of a BLDC motor. , 2009, , .		11
85	Global finite-time stabilization via output feedback for upper-triangular systems with unknown output gain. , 2010, , .		11
86	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
87	Universal finite-time observer design and adaptive frequency regulation of hydraulic turbine systems. IET Control Theory and Applications, 2016, 10, 363-370.	2.1	10
88	Semi-global robust stabilization of nonlinear systems by partial state and output feedback. , 0, , .		9
89	Decentralized output feedback control of large-scale nonlinear systems interconnected by unmeasurable states. , 2004, , .		9
90	Control of an airship using particle swarm optimization and neural network. , 2009, , .		9

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91	Active steering wheel shimmy control for electric vehicle by sampled-data output feedback. ISA Transactions, 2019, 84, 262-270.	5.7	9
92	Decentralized Output Feedback Control of Interconnected Systems with High-Order Nonlinearities. Proceedings of the American Control Conference, 2007, , .	0.0	8
93	A dual observer approach for global output feedback stabilization of planar nonlinear systems with output-dependent growth rates. International Journal of Robust and Nonlinear Control, 2015, 25, 3818-3830.	3.7	8
94	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
95	Sampled-data control of a class of uncertain nonlinear systems based on direct method. Systems and Control Letters, 2021, 155, 105000.	2.3	8
96	Finite-time integral control for a class of nonlinear planar systems with non-vanishing uncertainties. Automatica, 2022, 136, 110016.	5.0	8
97	Nonsmooth output feedback stabilization and tracking of a class of nonlinear systems. , 0, , .		7
98	The Development of the Tri-Turbofan Airship Model for Autonomous Flight Control Research. , 2006, , .		7
99	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
100	Sampled-data output feedback control of uncertain nonholonomic systems in chained forms with applications to mobile robots. , 2014, , .		7
101	State feedback control design for Boolean networks. BMC Systems Biology, 2016, 10, 70.	3.0	7
102	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
103	Model development, state estimation, and controller design of a nonlinear utility boiler system. , 2008, , .		6
104	Global stabilization of feedforward systems with lower-order vector field. , 2009, , .		6
105	Global decentralized control of interconnected nonlinear systems by sampled-data output feedback. , 2013, , .		6
106	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
107	Finite-Time Controllers for a Class of Planar Nonlinear Systems With Mismatched Disturbances. , 2021, 5, 1928-1933.		6
108	Adaptive control of nonlinearly parameterized systems. , 0, , .		5

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109	Receding Horizon Control of a Linear Parameter Varying Model of the Raptor 50 Helicopter. , 2005, , .		5
110	Global finite-time stabilization by output feedback for a class of linearly unobservable systems. , 2006, , .		5
111	Robust Receding Horizon Control of A Tri-Turbofan Airship. , 2007, , .		5
112	Generalized homogeneity with monotone degree and smooth stabilization for a class of feedforward systems. , 2012, , .		5
113	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
114	Local asymptotic stabilization for a class of uncertain upper-triangular systems. Automatica, 2020, 118, 108954.	5.0	5
115	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
116	Homogeneous Domination and the Decentralized Control Problem for Nonlinear System Stabilization. , 2008, , 257-280.		5
117	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
118	The Instrumentation and Flight Testing of a Rotorcraft Vehicle for Undergraduate Flight Control Research. , 2006, , .		4
119	Global output feedback stabilization of a class of upper-triangular nonlinear systems. , 2009, , .		4
120	Semi-global finite-time stabilization of a class of nonlinear systems by output feedback. , 2010, , .		4
121	A Combined Speed and Finite-Time Yaw Controller for an Underactuated Unmanned Surface Vessel Using Way-Point Navigation. , 2013, , .		4
122	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 Taiwan'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
123	Interval homogeneous domination approach for global stabilization of nonlinear systems with time-varying powers. , 2016, , .		4
124	Smooth state feedback stabilization for a class of planar switched nonlinear systems under arbitrary switching. , 2016, , .		4
125	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
126	A necessary and sufficient condition for stability of a class of planar nonlinear systems. Automatica, 2020, 121, 109198.	5.0	4

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127	Analysis of a Chain of Integrators with Pulse-Width-Modulation Controller. , 2020, , .		4
128	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
129	Homogeneous Domination Design using Dual Observers: A Tool for Global Output Feedback Stabilization of Nonlinear Systems with Polynomially Growing Unmeasurable States. , 2007, , .		3
130	A dual observer design for global output feedback stabilization of nonlinear systems with low-order and high-order nonlinearities. , 2007, , .		3
131	Development of a full body balance model using an artificial neural network approach. , 2009, , .		3
132	Finite-time convergent observer for a class of nonlinear systems using homogeneous method. , 2011, , .		3
133	Finite-time observer for a class of time-varying nonlinear systems. , 2012, , .		3
134	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
135	Decentralized sampled-data control of interconnected systems using low gain and high gain output feedback. , 2014, , .		3
136	Dynamic linear controller design for a class of high-order nonlinear systems via state-feedback. , 2015, , .		3
137	Decentralized output feedback control of a class of nonlinear systems with unsynchronized sampling instants. , 2015, , .		3
138	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
139	Adding a power integrator: a tool for global stabilization of high-order lower-triangular systems. , 0, , .		2
140	Finite-Time Stabilization of Planar Systems with Actuator Saturation Constraints: An Application to the Reaction Control System. , 2004, , .		2
141	New Results on Nonsmooth Output Feedback Stabilization of Nonlinear Systems. , 0, , 305-319.		2
142	Global Practical Output Regulation of a Class of Nonlinear Systems by Output Feedback. , 0, , .		2
143	Finite Energy Management and Flight Control for a System of Airships Systems. , 2007, , .		2
144	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

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145	Control of a PVTOL Aircraft Using Finite-Time Output Feedback. , 2009, , .		2
146	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
147	Using discrete-time controller to globally stabilize a class of feedforward nonlinear systems. , 2011, , .		2
148	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
149	Global output feedback stabilization of a class of upper-triangular systems with input delay. , 2012, , .		2
150	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
151	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
152	Global stabilization via sampled-data output feedback control for a class of nonlinear systems subject to time-delays. , 2015, , .		2
153	Nonlinear observer design for a solar thermal water heater system. , 2015, , .		2
154	Estimation of single-phase grid voltage parameters: An adaptive observer-based approach. , 2016, , .		2
155	Global control for a class of uncertain upper-triangular nonlinear systems with uncontrollable linearization. , 2017, , .		2
156	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
157	A Necessary and Sufficient Condition for Stability of a Class of Planar Positive Nonlinear Systems. , 2021, 5, 535-540.		2
158	Co-designed sampled-data output consensus for multi-agent systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5762-5775.	3.7	2
159	A GENERALIZED FRAMEWORK FOR GLOBAL OUTPUT FEEDBACK STABILIZATION OF INHERENTLY NONLINEAR SYSTEMS WITH UNCERTAINTIES. , 2007, , .		2
160	Adaptive regulation of high-order cascade systems: an adding one power integrator approach. , 0, , .		1
161	Practical output tracking of nonlinear systems with applications to underactuated mechanical systems. , 0, , .		1
162	Non-smooth stabilizers for nonlinear systems with uncontrollable unstable linearization. , 0, , .		1

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163	Output feedback stabilization of planar systems with uncontrollable/unobservable linearization. , 0, , .		1
164	Universal stabilization of a class of nonlinear systems by output feedback. , 0, , .		1
165	Global output feedback stabilization of uncertain nonholonomic systems with applications to mobile robots. , 2003, , .		1
166	Global finite-time stabilization of planar nonlinear systems by output feedback. , 2004, , .		1
167	Finite-time stabilization of the NASA CEV reaction control system with actuator saturation and by position measurements. , 0, , .		1
168	Global finite-time stabilization of a class of nonsmooth nonlinear systems by output feedback. , 0, , .		1
169	Nonlinear Equations of Motion in the Simulation of the Raptor 50 V2 Remote Controlled Helicopter With Optimal Controller Design. , 2005, , .		1
170	The Development of a high performance UAV for flight control research. , 2006, , .		1
171	Adaptive controller design for a nonlinear drum-boiler turbine system. , 2008, , .		1
172	Global finite-time stabilization of a class of upper-triangular systems. , 2010, , .		1
173	Global stabilization of a class of upper-triangular systems with higher-order nonlinearities. , 2010, , .		1
174	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
175	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
176	Synchronization via sampled-data output-feedback for a class of chaotic systems. , 2014, , .		1
177	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
178	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
179	State estimation in computer virus epidemic dynamical systems using hybrid extended Kalman filter. , 2017, , .		1
180	Asymptotic stability of a class of inherently nonlinear systems under linear feedback control. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
181	Observability and sensor allocation for Boolean networks. , 2017, , .		1
182	Universal Adaptive Control via Output Feedback for Nonlinear Systems with Parametric and Measurement Uncertainty. , 2018, , .		1
183	A framework for global stabilization of nonlinear systems by continuous state feedback. , 0, , .		0
184	New results on regulation of nonlinear systems in power chained form. , 2002, , .		0
185	Global stabilization of nonlinear systems: A continuous feedback framework. , 2003, , 295-315.		0
186	Decentralized Output Feedback Control of Large-Scale Interconnected Nonlinear Systems with Applications to Multi-Vehicle Systems. , 2004, , .		0
187	Receding horizon control of a 6-DOF model of the raptor 50 helicopter: robustness to changing flight conditions. , 0, , .		0
188	State estimation and output feedback stabilization of a class of upper-triangular systems using a homogeneous observer. , 2010, , .		0
189	Global stabilization over the network with continuous loss of states. , 2010, , .		0
190	Performance Comparison and Feedback Controller Design of Network Controlled Systems with Continuous Loss of States. , 2011, , .		0
191	Information consensus for multi-agent systems via nonlinear protocols. , 2012, , .		0
192	Smooth global stabilization for a class of nonlinear systems using homogeneity with monotone degrees. , 2012, , .		0
193	Finite-time convergent observer design and adaptive control of a nonlinear boiler system. , 2012, , .		0
194	Global stabilization of a class of upper-triangular systems using a generalized homogeneous method. , 2012, , .		0
195	New advances in flight control systems. International Journal of Robust and Nonlinear Control, 2013, 23, 1655-1656.	3.7	0
196	Chaotic Synchronization of a Class of Nonlinear Systems via Sampled-Data State Feedback. , 2014, , .		0
197	Global practical tracking for a class of nonlinear systems via linear sampled-data control. , 2015, , .		0
198	Stability Analysis for Uncertain Chains of Integrators Driven by Nested Nonlinear Feedbacks. , 2019, , .		0

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199	Integral Control for a Class of Planar Systems with Uncertain Measurements under Control Input Saturation. , 2021, , .		0
200	A New Neural ODE Structure for Learning High-Order Dynamical Systems. , 2022, , .		0