

Jinzhi Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

1,052
citations

18
h-index

30
g-index

75
ext. papers

1,307
ext. citations

2.9
avg, IF

5.31
L-index

#	Paper	IF	Citations
58	Resilient Consensus of Continuous-time Linear Networked Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	0
57	Distributed Disturbance Observer based Consensus Control for Linear Multi-agent Systems with Mismatched Disturbances. <i>Journal of the Franklin Institute</i> , 2021 , 359, 578-578	4	
56	Fault detection and isolation using relative information for multi-agent systems. <i>ISA Transactions</i> , 2021 , 116, 182-190	5.5	4
55	Observer-Based Distributed Fault Detection for Heterogeneous Multi-Agent Systems. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7466	2.6	2
54	Active fault-tolerant consensus control of Lipschitz nonlinear multiagent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5233-5252	3.6	5
53	Fault-tolerant tracking control for a class of nonlinear multi-agent systems. <i>Systems and Control Letters</i> , 2020 , 135, 104576	2.4	8
52	Towards event-triggered extended state observer for multi-agent systems. <i>Neurocomputing</i> , 2020 , 386, 191-197	5.4	6
51	Partial-Nodes-Based Distributed Fault Detection and Isolation for Second-Order Multiagent Systems With Exogenous Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
50	Two-stage guidance law with impact time and angle constraints. <i>Nonlinear Dynamics</i> , 2019 , 95, 2575-2599		7
49	Optimal control based guidance law to control both impact time and impact angle. <i>Aerospace Science and Technology</i> , 2019 , 84, 454-463	4.9	49
48	Robust finite-time consensus tracking for second-order multi-agent systems with input saturation under general directed communication graphs. <i>International Journal of Control</i> , 2019 , 92, 1785-1795	1.5	18
47	Fully Distributed Fault-Tolerant Consensus Protocols for Lipschitz Nonlinear Multi-Agent Systems. <i>IEEE Access</i> , 2018 , 6, 17313-17325	3.5	24
46	Cooperative tracking for high-order non-linear multi-agent systems via adaptive control. <i>IET Control Theory and Applications</i> , 2018 , 12, 1592-1600	2.5	8
45	Leader-following control of perturbed second-order integrator systems with binary relative information. <i>International Journal of Systems Science</i> , 2017 , 48, 485-493	2.3	4
44	Prescribed-performance fault-tolerant control for feedback linearisable systems with an aircraft application. <i>International Journal of Control</i> , 2017 , 90, 932-949	1.5	10
43	Fully distributed containment control of high-order multi-agent systems with nonlinear dynamics. <i>Systems and Control Letters</i> , 2017 , 99, 33-39	2.4	28
42	Finite-time consensus for multi-agent systems with globally bounded convergence time under directed communication graphs. <i>International Journal of Control</i> , 2017 , 90, 1807-1817	1.5	47

41	Robust finite-time containment control of general linear multi-agent systems under directed communication graphs. <i>Journal of the Franklin Institute</i> , 2016 , 353, 2670-2689	4	17
40	Observer-based finite-time coordinated tracking for general linear multi-agent systems. <i>Automatica</i> , 2016 , 66, 231-237	5.7	34
39	Robust finite-time containment control for high-order multi-agent systems with matched uncertainties under directed communication graphs. <i>International Journal of Control</i> , 2016 , 89, 1137-1151	4.5	18
38	Cooperative guidance law for missiles with field-of-view constraint 2016 ,		2
37	Robust finite-time consensus tracking for second-order multi-agent systems with reduced communication 2016 ,		1
36	Fixed-time coordinated tracking for second-order multi-agent systems with bounded input uncertainties. <i>Systems and Control Letters</i> , 2016 , 93, 1-12	2.4	147
35	Observer-based adaptive containment control for multi-agent systems with nonlinear dynamics under directed graphs 2016 ,		2
34	Partial Integrated Guidance and Control with Impact Angle Constraints. <i>Journal of Guidance, Control, and Dynamics</i> , 2015 , 38, 925-936	2.1	44
33	Adaptive motion coordination of passive systems under quantization effect. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1638-1653	3.6	7
32	Partial integrated missile guidance and control with state observer. <i>Nonlinear Dynamics</i> , 2015 , 79, 2497-2514	3.5	14
31	Distributed output regulation for linear multi-agent systems with communication delays. <i>International Journal of Systems Science</i> , 2015 , 46, 2732-2748	2.3	4
30	Adaptive Fault-tolerant control for feedback linearizable systems with an aircraft application. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1301-1326	3.6	14
29	Adaptive coordinated tracking of multi-agent systems with quantized information. <i>Systems and Control Letters</i> , 2014 , 74, 115-125	2.4	21
28	Adaptive consensus tracking of high-order nonlinear multi-agent systems with directed communication graphs. <i>International Journal of Control, Automation and Systems</i> , 2014 , 12, 919-929	2.9	17
27	Partial Integrated Guidance and Control for Missiles with Three-Dimensional Impact Angle Constraints. <i>Journal of Guidance, Control, and Dynamics</i> , 2014 , 37, 644-657	2.1	58
26	Robust tracking control for an air-breathing hypersonic vehicle with input constraints. <i>International Journal of Systems Science</i> , 2014 , 45, 2466-2479	2.3	15
25	Output consensus of heterogeneous linear systems with quantized information. <i>Journal of the Franklin Institute</i> , 2014 , 351, 1400-1418	4	14
24	Distributed output regulation for multi-agent systems with norm-bounded uncertainties. <i>International Journal of Systems Science</i> , 2014 , 45, 2376-2389	2.3	14

23	Observer-based finite-time coordinated tracking for high-order integrator systems with matched uncertainties under directed communication graphs 2014 ,		3
22	Observer-based fault-tolerant control for an air-breathing hypersonic vehicle model. <i>Nonlinear Dynamics</i> , 2014 , 76, 409-430	5	36
21	Finite-gain L p consensus of multi-agent systems. <i>International Journal of Control, Automation and Systems</i> , 2013 , 11, 666-674	2.9	6
20	The synchronization of linear systems under quantized measurements. <i>Systems and Control Letters</i> , 2013 , 62, 972-980	2.4	14
19	Robust cooperative control for multi-agent systems via distributed output regulation. <i>Systems and Control Letters</i> , 2013 , 62, 1049-1056	2.4	33
18	Reference command tracking control for an air-breathing hypersonic vehicle with parametric uncertainties. <i>Journal of the Franklin Institute</i> , 2013 , 350, 1155-1188	4	38
17	Partial Integrated Missile Guidance and Control with Finite Time Convergence. <i>Journal of Guidance, Control, and Dynamics</i> , 2013 , 36, 1399-1409	2.1	65
16	Finite-Time Consensus Tracking for Second-Order Multiagent Systems. <i>Asian Journal of Control</i> , 2013 , 15, 1246-1250	1.7	13
15	Distributed RobustH ₂ Consensus Control of Multiagent Systems with Communication Errors Using Dynamic Output Feedback Protocol. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	2
14	Robustness analysis of leader-follower consensus for multi-agent systems characterized by double integrators. <i>Systems and Control Letters</i> , 2012 , 61, 1103-1115	2.4	18
13	New absolute stability criteria for time-delay Luræ systems with sector-bounded nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 659-672	3.6	14
12	H ₂ norm accumulation and its impact on synchronisation of complex dynamical networks. <i>International Journal of Control</i> , 2009 , 82, 2356-2364	1.5	5
11	Robustness analysis of leader-follower consensus. <i>Journal of Systems Science and Complexity</i> , 2009 , 22, 186-206	1	39
10	Frequency-domain and time-domain methods for feedback nonlinear systems and applications to chaos control. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 848-861	9.3	4
9	Dichotomy property and Lagrange stability for uncertain pendulum-like feedback systems. <i>Systems and Control Letters</i> , 2007 , 56, 167-172	2.4	8
8	Parameter-Dependent Lyapunov Function Method for a Class of Uncertain Nonlinear Systems with Multiple Equilibria. <i>Circuits, Systems, and Signal Processing</i> , 2007 , 26, 147-164	2.2	4
7	ATTRACTORS OF FOURTH-ORDER CHUA'S CIRCUIT AND CHAOS CONTROL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 2705-2722	2	8
6	A GENERALIZATION OF SMOOTH CHUA'S EQUATIONS UNDER LAGRANGE STABILITY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 3047-3059	2	4

5	Robust dichotomy for nonlinear uncertain systems 2006 ,		1
4	Control of a class of pendulum-like systems with Lagrange stability. <i>Automatica</i> , 2006 , 42, 145-150	5.7	21
3	Dichotomy of nonlinear systems: Application to chaos control of nonlinear electronic circuit. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 351, 143-152	2.3	11
2	MULTI-INPUT AND MULTI-OUTPUT NONLINEAR SYSTEMS: INTERCONNECTED CHUA'S CIRCUITS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004 , 14, 3065-3081	2	12
1	Robust stabilization for non-linear discrete-time systems. <i>International Journal of Control</i> , 2004 , 77, 384-388	1.5	23