

Junwei Wang

List of Publications by Citations

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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.

48
papers

842
citations

17
h-index

27
g-index

55
ext. papers

1,000
ext. citations

3.9
avg, IF

4.43
L-index

#	Paper	IF	Citations
48	Extending synchronization scheme to chaotic fractional-order Chen systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 370, 279-285	3.3	78
47	Noise-induced switches in network systems of the genetic toggle switch. <i>BMC Systems Biology</i> , 2007 , 1, 50	3.5	75
46	Hopf bifurcation and chaos in fractional-order modified hybrid optical system. <i>Nonlinear Dynamics</i> , 2012 , 69, 275-284	5	73
45	Chaos and mixed synchronization of a new fractional-order system with one saddle and two stable node-foci. <i>Nonlinear Dynamics</i> , 2011 , 65, 457-466	5	50
44	Designing synchronization schemes for chaotic fractional-order unified systems. <i>Chaos, Solitons and Fractals</i> , 2006 , 30, 1265-1272	9.3	47
43	Chaos Control of a Fractional-Order Financial System. <i>Mathematical Problems in Engineering</i> , 2010 , 2010, 1-18	1.1	46
42	Network synchronization in a population of star-coupled fractional nonlinear oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 1464-1468	2.3	40
41	Silnikov-type orbits of Lorenz-family systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 375, 438-446	3.3	35
40	Leader-Following Consensus for a Class of Nonlinear Strick-Feedback Multiagent Systems With State Time-Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2351-2361	7.3	34
39	Second-order consensus of nonlinear multi-agent systems with restricted switching topology and time delay. <i>Nonlinear Dynamics</i> , 2014 , 78, 881-887	5	31
38	Control of a chaotic finance system in the presence of external disturbance and input time-delay. <i>Applied Mathematics and Computation</i> , 2014 , 233, 320-327	2.7	27
37	Adaptive consensus of nonlinear multi-agent systems with unknown backlash-like hysteresis. <i>Neurocomputing</i> , 2016 , 175, 698-703	5.4	24
36	Neurotransmitter-mediated collective rhythms in grouped <i>Drosophila</i> circadian clocks. <i>Journal of Biological Rhythms</i> , 2008 , 23, 472-82	3.2	22
35	Qualitative analysis for solutions of a certain more generalized two-dimensional fractional differential system with Hadamard derivative. <i>Applied Mathematics and Computation</i> , 2015 , 257, 436-445	2.7	21
34	Coordination of multi-agent systems on interacting physical and communication topologies. <i>Systems and Control Letters</i> , 2017 , 100, 56-65	2.4	18
33	Pinning synchronization of fractional-order complex networks with Lipschitz-type nonlinear dynamics. <i>ISA Transactions</i> , 2015 , 57, 111-6	5.5	18
32	Synchronization of fractional-order linear complex networks. <i>ISA Transactions</i> , 2015 , 55, 129-34	5.5	17

31	Consensus of second-order nonlinear multi-agent systems under state-controlled switching topology. <i>Nonlinear Dynamics</i> , 2015 , 81, 1871-1878	5	16
30	A general fractional-order dynamical network: synchronization behavior and state tuning. <i>Chaos</i> , 2012 , 22, 023102	3.3	14
29	Adaptive Leader-Following Consensus of Multi-Agent Systems with Unknown Nonlinear Dynamics. <i>Entropy</i> , 2014 , 16, 5020-5031	2.8	13
28	Cluster consensus of heterogeneous linear multi-agent systems. <i>IET Control Theory and Applications</i> , 2018 , 12, 1533-1542	2.5	11
27	Delay-dependent control of linear systems with multiple time-varying state and input delays. <i>Nonlinear Analysis: Real World Applications</i> , 2012 , 13, 486-496	2.1	11
26	Observer-based adaptive consensus tracking control for nonlinear multi-agent systems with actuator hysteresis. <i>Nonlinear Dynamics</i> , 2019 , 95, 2181-2195	5	11
25	Outer Synchronization between Fractional-Order Complex Networks: A Non-Fragile Observer-based Control Scheme. <i>Entropy</i> , 2013 , 15, 1357-1374	2.8	10
24	Observer-based synchronization in fractional-order leader-follower complex networks. <i>Nonlinear Dynamics</i> , 2013 , 73, 921-929	5	10
23	Interacting stochastic oscillators. <i>Physical Review E</i> , 2008 , 77, 021101	2.4	10
22	Chaos synchronization based on contraction principle. <i>Chaos, Solitons and Fractals</i> , 2007 , 33, 163-170	9.3	10
21	Fuzzy stability and synchronization of hyperchaos systems. <i>Chaos, Solitons and Fractals</i> , 2008 , 35, 922-930	9.3	10
20	Output Consensus of Heterogeneous Multiagent Systems: A Distributed Observer-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-7	7.3	8
19	cAMP-regulated dynamics of the mammalian circadian clock. <i>BioSystems</i> , 2010 , 101, 136-43	1.9	8
18	Conjugate Lorenz-type chaotic attractors. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 923-929	9.3	6
17	A computational model clarifies the roles of positive and negative feedback loops in the <i>Drosophila</i> circadian clock. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 2743-2749	2.3	6
16	Distributed Consensus of Nonlinear Multi-Agent Systems on State-Controlled Switching Topologies. <i>Entropy</i> , 2016 , 18, 29	2.8	4
15	Adaptive leader-following consensus of nonlinear multi-agent systems with jointly connected topology 2015 ,		3
14	Inverse synchronization of coupled fractional-order systems through open-plus-closed-loop control 2011 , 76, 385-396		3

13	Synchronization rate of synchronized coupled systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 385, 689-699	3.3	3
12	Direct Adaptive Fuzzy Control Scheme With Guaranteed Tracking Performances For Uncertain Canonical Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	3
11	Optimal control for probabilistic Boolean networks using discrete-time Markov decision processes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 503, 1297-1307	3.3	3
10	Consensus of High-Order Nonlinear Multiagent Systems with Constrained Switching Topologies. <i>Complexity</i> , 2017 , 2017, 1-11	1.6	2
9	Robust projective outer synchronization of coupled uncertain fractional-order complex networks. <i>Open Physics</i> , 2013 , 11,	1.3	2
8	Consensus of multi-agent nonlinear dynamic systems under slow switching topology 2014 ,		2
7	Cluster output regulation of heterogeneous multi-agent systems. <i>International Journal of Control</i> , 2020 , 93, 2973-2981	1.5	2
6	POSITIVE FEEDBACK-ASSISTED SHORT/LONG-RANGE CELL SIGNALINGS IN MAPK CASCADES. <i>International Journal of Modern Physics C</i> , 2009 , 20, 1769-1787	1.1	1
5	Mode decomposition for a synchronous state and its applications. <i>Chaos, Solitons and Fractals</i> , 2007 , 31, 718-725	9.3	1
4	Stochastic synchronization of nonlinear networks with directed graphs and degenerate noise. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	1
3	Output Consensus of Heterogeneous Multiagent Systems with Physical and Communication Graphs. <i>Complexity</i> , 2018 , 2018, 1-11	1.6	1
2	Birhythmicity and Hard Excitation from Coupled Synthetic Feedback Loops. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-13	1.1	0
1	Distributed Observer Design for Linear Systems under Time-Varying Communication Delay. <i>Complexity</i> , 2021 , 2021, 1-12	1.6	