

Xiwei Liu

List of Publications by Year in descending order

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63
papers

3,603
citations

304743

22
h-index

276875

41
g-index

63
all docs

63
docs citations

63
times ranked

1508
citing authors

#	ARTICLE	IF	CITATIONS
1	Pinning Complex Networks by a Single Controller. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1317-1326.	0.1	905
2	Synchronization of Complex Networks via Aperiodically Intermittent Pinning Control. IEEE Transactions on Automatic Control, 2015, 60, 3316-3321.	5.7	291
3	Cluster Synchronization in Directed Networks Via Intermittent Pinning Control. IEEE Transactions on Neural Networks, 2011, 22, 1009-1020.	4.2	288
4	Synchronization of Nonlinear Coupled Networks via Aperiodically Intermittent Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 113-126.	11.3	213
5	Synchronization of Linearly Coupled Networks With Delays via Aperiodically Intermittent Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2396-2407.	11.3	211
6	Finite-Time and Fixed-Time Cluster Synchronization With or Without Pinning Control. IEEE Transactions on Cybernetics, 2018, 48, 240-252.	9.5	204
7	Consensus of Multi-Agent Systems With Unbounded Time-Varying Delays. IEEE Transactions on Automatic Control, 2010, 55, 2396-2401.	5.7	167
8	Synchronization analysis for nonlinearly-coupled complex networks with an asymmetrical coupling matrix. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 4429-4439.	2.6	156
9	A note on finite-time and fixed-time stability. Neural Networks, 2016, 81, 11-15.	5.9	146
10	Consensus problem in directed networks of multi-agents via nonlinear protocols. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 3122-3127.	2.1	141
11	Global Exponential Stability for Complex-Valued Recurrent Neural Networks With Asynchronous Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 593-606.	11.3	125
12	Exponential synchronization of nonlinear coupled dynamical networks with a delayed coupling. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 82-92.	2.6	86
13	Synchronization of linearly coupled neural networks with reaction-diffusion terms and unbounded time delays. Neurocomputing, 2010, 73, 2681-2688.	5.9	77
14	Cluster synchronization for delayed complex networks via periodically intermittent pinning control. Neurocomputing, 2015, 162, 191-200.	5.9	69
15	Robust $\frac{1}{4}$ -stability for uncertain stochastic neural networks with unbounded time-varying delays. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2952-2962.	2.6	50
16	Synchronization of coupled reaction-diffusion neural networks with hybrid coupling via aperiodically intermittent pinning control. Journal of the Franklin Institute, 2017, 354, 7053-7076.	3.4	50
17	Boundedness and synchronization of γ -coupled Lorenz systems with or without controllers. Physica D: Nonlinear Phenomena, 2008, 237, 630-639.	2.8	45
18	μ -Stability of Nonlinear Positive Systems With Unbounded Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1710-1715.	11.3	41

#	ARTICLE	IF	CITATIONS
19	Quasi-synchronization of nonlinear coupled chaotic systems via aperiodically intermittent pinning control. <i>Neurocomputing</i> , 2016, 173, 759-767.	5.9	39
20	Finite time anti-synchronization of complex-valued neural networks with bounded asynchronous time-varying delays. <i>Neurocomputing</i> , 2020, 387, 129-138.	5.9	33
21	Cluster synchronization in complex networks of nonidentical dynamical systems via pinning control. <i>Neurocomputing</i> , 2015, 168, 260-268.	5.9	26
22	Cluster Synchronization for Multi-Weighted and Directed Complex Networks via Pinning Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1347-1351.	3.0	25
23	Global μ -Stability of Quaternion-Valued Neural Networks With Unbounded and Asynchronous Time-Varying Delays. <i>IEEE Access</i> , 2019, 7, 9128-9141.	4.2	20
24	Synchronization and Control for Multiweighted and Directed Complex Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 3226-3233.	11.3	20
25	Synchronization and control for directly coupled reaction-diffusion neural networks with multiple weights and hybrid coupling. <i>Neurocomputing</i> , 2022, 487, 144-156.	5.9	18
26	Exponential Synchronization of the Linearly Coupled Dynamical Networks with Delays*. <i>Chinese Annals of Mathematics Series B</i> , 2007, 28, 737-746.	0.4	16
27	Finite Time Anti-synchronization of Quaternion-Valued Neural Networks with Asynchronous Time-Varying Delays. <i>Neural Processing Letters</i> , 2020, 52, 2253-2274.	3.2	14
28	Cluster synchronization for linearly coupled complex networks. <i>Journal of Industrial and Management Optimization</i> , 2011, 7, 87-101.	1.3	14
29	Cluster Synchronization for Linearly Coupled Nonidentical Systems With Delays via Aperiodically Intermittent Pinning Control. <i>IEEE Access</i> , 2017, 5, 4179-4189.	4.2	13
30	Robust Passivity and Control for Directed and Multiweighted Coupled Dynamical Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 10458-10472.	11.3	12
31	Adaptive algorithms for synchronization, consensus of multi-agents and anti-synchronization of direct complex networks. <i>Neurocomputing</i> , 2020, 414, 365-370.	5.9	11
32	Synchronization for multiweighted and directly coupled reaction-diffusion neural networks with hybrid coupling via boundary control. <i>Information Sciences</i> , 2022, 607, 620-637.	6.9	11
33	Finite time convergence of pinning synchronization with a single nonlinear controller. <i>Neural Networks</i> , 2021, 143, 246-249.	5.9	9
34	Synchronization of identical neural networks and other systems with an adaptive coupling strength. <i>International Journal of Circuit Theory and Applications</i> , 2010, 38, 631-648.	2.0	5
35	Quasi-synchronization for delayed systems with parameter mismatches via aperiodically intermittent control. , 2014, , .		5
36	Finite-time cluster synchronization of nonlinearly coupled reaction-diffusion neural networks via spatial coupling and control. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
37	Finite-time and fixed-time stability and synchronization. , 2016, , .		5
38	Event-triggered \mathcal{H}_∞ synchronization of directed and switched coupled stochastic delayed neural networks with multi-weights. IET Control Theory and Applications, 2022, 16, 995-1014.	2.1	5
39	Cluster Synchronization in Uncertain Neural Networks Through Adaptive Controllers. Differential Equations and Dynamical Systems, 2011, 19, 47-61.	1.0	4
40	\mathcal{H}_∞ Synchronization and Robust \mathcal{H}_∞ Synchronization of Coupled Neural Networks with Non-identical Nodes. Neural Processing Letters, 2021, 53, 3467.	3.2	4
41	Synchronization of nonlinearly coupled complex networks under periodically intermittent pinning control. , 2013, , .		3
42	Lag quasi-synchronization of nonlinear coupled networks via aperiodically intermittent pinning control. , 2015, , .		3
43	Event-triggered passivity and synchronization of coupled reaction-diffusion neural networks with and without time-varying delay. Transactions of the Institute of Measurement and Control, 2022, 44, 2117-2140.	1.7	3
44	Cluster Synchronization for Multiweighted and Directed Fractional-Order Networks With Cooperative-Competitive Interactions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4359-4363.	3.0	3
45	Bridge the gap between network-based inference method and global ranking method in personal recommendation. , 2016, , .		2
46	Finite-time synchronization of nonlinearly coupled systems with delay. , 2016, , .		2
47	μ -Synchronization of Complex Networks with Unbounded Delay Under Hybrid Impulsive Control. Neural Processing Letters, 2022, 54, 1903-1918.	3.2	2
48	Comments on "Distributed nonlinear control algorithms for network consensus" [Automatica 44 (2008) 2375-2381]. Automatica, 2010, 46, 1568.	5.0	1
49	Pinning control of complex networks with unbounded time-varying delays. , 2015, , .		1
50	Synchronization of delayed complex-valued networks via aperiodically intermittent pinning control. , 2015, , .		1
51	Cluster synchronization of complex networks with unbounded time-varying delays. , 2016, , .		1
52	Finite-time cluster synchronization of complex networks with time-varying delays. , 2016, , .		1
53	Synchronization of Multi-Weighted and Directed Network Under Pinning Impulsive Control. , 2021, , .		1
54	Exponential synchronization for delayed reaction-diffusion neural networks through hybrid coupling. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Cluster synchronization for nonidentical reaction-diffusion neural networks with hybrid coupling. , 2016, , .		0
56	Asymptotic Stability of Quaternion-Valued Love Model. , 2018, , .		0
57	Privacy Preserving Finite-time Consensus in Networks With Time-varying Topology. , 2019, , .		0
58	Finite-time Outer Synchronization Under Unbounded Delays. , 2019, , .		0
59	Finite Time Stability of Octonion-Valued Neural Networks With Delays. , 2021, , .		0
60	Finite-Time Synchronization Under Aperiodically Intermittent Control and its Application on Spatially Coupled Reaction-Diffusion Neural Networks. , 2021, , .		0
61	Finite time cluster consensus of fractional-order multi-agent systems with directed topology. , 2021, , .		0
62	Fixed Time Synchronization of Complex Networks with Constant Time Delay. , 2020, , .		0
63	Synchronization of Multi-Weighted and Directed Complex Networks With Intermittent Control. , 2021, , .		0