Xiwei Liu

List of Publications by Year
in descending order

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63	3,603	304602 22	276775 41
papers	citations	h-index	g-index

63	63	63	1508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synchronization and Control for Multiweighted and Directed Complex Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3226-3233.	7.2	20
2	Robust Passivity and Control for Directed and Multiweighted Coupled Dynamical Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10458-10472.	7.2	12
3	Cluster Synchronization for Multi-Weighted and Directed Complex Networks via Pinning Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1347-1351.	2.2	25
4	$$mu $$-Synchronization of Complex Networks with Unbounded Delay Under Hybrid Impulsive Control. Neural Processing Letters, 2022, 54, 1903-1918.	2.0	2
5	Event-triggered passivity and synchronization of coupled reactionâ€“diffusion neural networks with and without time-varying delay. Transactions of the Institute of Measurement and Control, 2022, 44, 2117-2140.	1.1	3
6	Eventâ€triggered Hâˆž$mathcal {H}_infty$ synchronization of directed and switched coupled stochastic delayed neural networks with multiâ€weights. IET Control Theory and Applications, 2022, 16, 995-1014.	1.2	5
7	Synchronization and control for directly coupled reaction-diffusion neural networks with multiple weights and hybrid coupling. Neurocomputing, 2022, 487, 144-156.	3.5	18
8	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.	2.2	3
9	Synchronization for multiweighted and directly coupled reaction-diffusion neural networks with hybrid coupling via boundary control. Information Sciences, 2022, 607, 620-637.	4.0	11
10	Finite Time Stability of Octonion-Valued Neural Networks With Delays. , 2021, , .		0
11	$$mathcal {H}_infty $$ Synchronization and Robust $$mathcal {H}_infty $$ Synchronization of Coupled Neural Networks with Non-identical Nodes. Neural Processing Letters, 2021, 53, 3467.	2.0	4
12	Finite-Time Synchronization Under Aperiodically Intermittent Control and its Application on Spatially Coupled Reaction-Diffusion Neural Networks. , 2021, , .		0
13	Finite time convergence of pinning synchronization with a single nonlinear controller. Neural Networks, 2021, 143, 246-249.	3.3	9
14	Finite time cluster consensus of fractional-order multi-agent systems with directed topology. , 2021, , .		0
15	Synchronization of Multi-Weighted and Directed Complex Networks With Intermittent Control. , 2021, , .		0
16	Synchronization of Multi-Weighted and Directed Network Under Pinning Impulsive Control. , 2021, , .		1
17	Finite Time Anti-synchronization of Quaternion-Valued Neural Networks with Asynchronous Time-Varying Delays. Neural Processing Letters, 2020, 52, 2253-2274.	2.0	14
18	Adaptive algorithms for synchronization, consensus of multi-agents and anti-synchronization of direct complex networks. Neurocomputing, 2020, 414, 365-370.	3.5	11

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19	Finite time anti-synchronization of complex-valued neural networks with bounded asynchronous time-varying delays. Neurocomputing, 2020, 387, 129-138.	3.5	33
20	Fixed Time Synchronization of Complex Networks with Constant Time Delay. , 2020, , .		0
21	Privacy Preserving Finite-time Consensus in Networks With Time-varying Topology. , 2019, , .		0
22	Global mu -Stability of Quaternion-Valued Neural Networks With Unbounded and Asynchronous Time-Varying Delays. IEEE Access, 2019, 7, 9128-9141.	2.6	20
23	Finite-time Outer Synchronization Under Unbounded Delays. , 2019, , .		0
24	Finite-Time and Fixed-Time Cluster Synchronization With or Without Pinning Control. IEEE Transactions on Cybernetics, 2018, 48, 240-252.	6.2	204
25	Asymptotic Stability of Quaternion-Valued Love Model. , 2018, , .		0
26	$mu $ -Stability of Nonlinear Positive Systems With Unbounded Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1710-1715.	7.2	41
27	Cluster Synchronization for Linearly Coupled Nonidentical Systems With Delays via Aperiodically Intermittent Pinning Control. IEEE Access, 2017, 5, 4179-4189.	2.6	13
28	Synchronization of coupled reactionâ€“diffusion neural networks with hybrid coupling via aperiodically intermittent pinning control. Journal of the Franklin Institute, 2017, 354, 7053-7076.	1.9	50
29	Bridge the gap between network-based inference method and global ranking method in personal recommendation. , 2016, , .		2
30	Cluster synchronization of complex networks with unbounded time-varying delays. , 2016, , .		1
31	Finite-time cluster synchronization of complex networks with time-varying delays. , 2016, , .		1
32	Finite-time synchronization of nonlinearly coupled systems with delay. , 2016, , .		2
33	Exponential synchronization for delayed reaction-diffusion neural networks through hybrid coupling. , 2016, , .		0
34	Finite-time cluster synchronization of nonlinearly coupled reaction-diffusion neural networks via spatial coupling and control. , 2016, , .		5
35	Cluster synchronization for nonidentical reaction-diffusion neural networks with hybrid coupling. , 2016, , .		0
36	A note on finite-time and fixed-time stability. Neural Networks, 2016, 81, 11-15.	3.3	146

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37	Finite-time and fixed-time stability and synchronization. , 2016, , .		5
38	Quasi-synchronization of nonlinear coupled chaotic systems via aperiodically intermittent pinning control. Neurocomputing, 2016, 173, 759-767.	3.5	39
39	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.	7.2	125
40	Lag quasi-synchronization of nonlinear coupled networks via aperiodically intermittent pinning control. , 2015, , .		3
41	Synchronization of Linearly Coupled Networks With Delays via Aperiodically Intermittent Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2396-2407.	7.2	211
42	Cluster synchronization in complex networks of nonidentical dynamical systems via pinning control. Neurocomputing, 2015, 168, 260-268.	3.5	26
43	Synchronization of Complex Networks via Aperiodically Intermittent Pinning Control. IEEE Transactions on Automatic Control, 2015, 60, 3316-3321.	3.6	291
44	Cluster synchronization for delayed complex networks via periodically intermittent pinning control. Neurocomputing, 2015, 162, 191-200.	3.5	69
45	Pinning control of complex networks with unbounded time-varying delays. , 2015, , .		1
46	Synchronization of delayed complex-valued networks via aperiodically intermittent pinning control. , 2015, , .		1
47	Synchronization of Nonlinear Coupled Networks via Aperiodically Intermittent Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 113-126.	7.2	213
48	Quasi-synchronization for delayed systems with parameter mismatches via aperiodically intermittent control. , 2014, , .		5
49	Synchronization of nonlinearly coupled complex networks under periodically intermittent pinning control. , 2013, , .		3
50	Cluster Synchronization in Directed Networks Via Intermittent Pinning Control. IEEE Transactions on Neural Networks, 2011, 22, 1009-1020.	4.8	288
51	Cluster Synchronization in Uncertain Neural Networks Through Adaptive Controllers. Differential Equations and Dynamical Systems, 2011, 19, 47-61.	0.5	4
52	Cluster synchronization for linearly coupled complex networks. Journal of Industrial and Management Optimization, 2011, 7, 87-101.	0.8	14
53	Synchronization of identical neural networks and other systems with an adaptive coupling strength. International Journal of Circuit Theory and Applications, 2010, 38, 631-648.	1.3	5
54	Synchronization of linearly coupled neural networks with reactionâ€“diffusion terms and unbounded time delays. Neurocomputing, 2010, 73, 2681-2688.	3.5	77

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55	Comments on â€œDistributed nonlinear control algorithms for network consensusâ€•[Automatica 44 (2008) 2375â€“2381]. Automatica, 2010, 46, 1568.	3.0	1
56	Consensus of Multi-Agent Systems With Unbounded Time-Varying Delays. IEEE Transactions on Automatic Control, 2010, 55, 2396-2401.	3.6	167
57	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.	0.9	141
58	Boundedness and synchronization of y-coupled Lorenz systems with or without controllers. Physica D: Nonlinear Phenomena, 2008, 237, 630-639.	1.3	45
59	Synchronization analysis for nonlinearly-coupled complex networks with an asymmetrical coupling matrix. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 4429-4439.	1.2	156
60	Robust Î¼ -stability for uncertain stochastic neural networks with unbounded time-varying delays. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2952-2962.	1.2	50
61	Pinning Complex Networks by a Single Controller. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1317-1326.	0.1	905
62	Exponential synchronization of nonlinear coupled dynamical networks with a delayed coupling. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 82-92.	1.2	86
63	Exponential Synchronization of the Linearly Coupled Dynamical Networks with Delays*. Chinese Annals of Mathematics Series B, 2007, 28, 737-746.	0.2	16