Jian-an Fang

List of Publications by Year
in descending order

103 papers	3,149 citations	136740 32 h-index	168136 53 g-index
103 all docs	103 docs citations	103 times ranked	1975 citing authors

#	Article	IF	Citations
1	Event-Triggered Exponential Stabilization for State-Based Switched Inertial Complex-Valued Neural Networks With Multiple Delays. IEEE Transactions on Cybernetics, 2022, 52, 4585-4595.	6.2	17
2	Event-Triggered Synchronization of Multiple Discrete-Time Markovian Jump Memristor- Based Neural Networks With Mixed Mode-Dependent Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2095-2107.	3.5	15
3	Adaptive Continuous Sliding Mode Control for Fractional-order Systems with Uncertainties and Unknown Control Gains. International Journal of Control, Automation and Systems, 2022, 20, 1509-1520.	1.6	7
4	Event-Triggered Stabilization for Takagiâ€“Sugeno Fuzzy Complex-Valued Memristive Neural Networks With Mixed Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2021, 29, 1853-1863.	6.5	24
5	Impulse-based coupling synchronization of multiple discrete-time memristor-based neural networks with stochastic perturbations and mixed delays. Journal of the Franklin Institute, 2021, 358, 980-1001.	1.9	3
6	Formation Control of Multi-Agent Systems With Orientation Noises. IEEE Transactions on Network Science and Engineering, 2021, 8, 305-317.	4.1	8
7	Exponential Stabilization of Stochastic Memristive Recurrent Neural Networks Under Periodically Intermittent State Feedback Control. Asian Journal of Control, 2020, 22, 897-907.	1.9	6
8	On Bipartite Consensus of Bounded Confidence Models for Opinion Dynamics. International Journal of Control, Automation and Systems, 2020, 18, 303-312.	1.6	8
9	Time-varying Formation Tracking for Second-order Multi-agent Systems Subjected to Switching Topology and Input Saturation. International Journal of Control, Automation and Systems, 2020, 18, 991-1001.	1.6	22
10	Event-Triggered Exponential Synchronization for Complex-Valued Memristive Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4104-4116.	7.2	60
11	Event-triggered impulsive synchronization of discrete-time coupled neural networks with stochastic perturbations and multiple delays. Neural Networks, 2020, 132, 447-460.	3.3	18
12	Fixed-time synchronization control for a class of nonlinear coupled Cohenâ€“Grossberg neural networks from synchronization dynamics viewpoint. Neurocomputing, 2020, 400, 371-380.	3.5	9
13	New Results on Synchronization of Fractional-Order Memristorâ€Based Neural Networks via State Feedback Control. Complexity, 2020, 2020, 1-11.	0.9	2
14	Exponential synchronization of multiple impulsive discrete-time memristor-based neural networks with stochastic perturbations and time-varying delays. Neurocomputing, 2020, 392, 86-97.	3.5	12
15	Event-Triggering Formation Tracking for Second-Order Multi-Agent Systems Subjected to Input Saturation. IEEE Access, 2019, 7, 138378-138390.	2.6	5
16	Controller design for fixed-time synchronization of nonlinear coupled Cohenâ€“Grossberg neural networks with switching parameters and time-varying delays based on synchronization dynamics analysis. Nonlinear Dynamics, 2019, 98, 2079-2096.	2.7	12
17	The Impact of Coupling Function on Finite-Time Synchronization Dynamics of Multi-Weighted Complex Networks with Switching Topology. Complexity, 2019, 2019, 1-15.	0.9	3
18	Finite-time synchronization of memristive neural networks with discontinuous activation functions and mixed time-varying delays. Neurocomputing, 2019, 340, 99-109.	3.5	30

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19	Finiteâ€time synchronization of memristive neural networks with timeâ€varying delays via two control methods. Mathematical Methods in the Applied Sciences, 2019, 42, 2746-2760.	1.2	7
20	Formation Control with Multiple Leaders via Event-triggering Transmission Strategy. International Journal of Control, Automation and Systems, 2019, 17, 1494-1506.	1.6	11
21	Event-triggering Control for Time-varying Formation Tracking of Multi-agent Systems Subjected to Input Saturation. , 2019, , .		0
22	Decentralized Event-Triggered Synchronization for Discrete-Time Memristive Neural Networks. , 2019, , .		0
23	Exponential Stabilization of Timeâ€varying Delayed Complexâ€valued Memristorâ€based Neural Networks Via Impulsive Control. Asian Journal of Control, 2018, 20, 2290-2301.	1.9	13
24	Exponential Synchronization of Memristive Chaotic Recurrent Neural Networks Via Alternate Output Feedback Control. Asian Journal of Control, 2018, 20, 469-482.	1.9	15
25	Exponential stabilisation of memristive neural networks under intermittent output feedback control. International Journal of Control, 2018, 91, 1848-1860.	1.2	8
26	Impulsive synchronization of discrete-time networked oscillators with partial input saturation. Information Sciences, 2018, 422, 531-541.	4.0	25
27	Event-triggered non-fragile state estimation for delayed neural networks with randomly occurring sensor nonlinearity. Neurocomputing, 2018, 273, 1-8.	3.5	32
28	Finite-time Synchronization Control Relationship Analysis of Two Classes of Markovian Switched Complex Networks. International Journal of Control, Automation and Systems, 2018, 16, 2845-2858.	1.6	9
29	Exponential Synchronization of Stochastic Memristive Recurrent Neural Networks Under Alternate State Feedback Control. International Journal of Control, Automation and Systems, 2018, 16, 2859-2869.	1.6	22
30	Finiteâ€time synchronization and adaptive synchronization of memristive recurrent neural networks with delays. International Journal of Adaptive Control and Signal Processing, 2018, 32, 1359-1376.	2.3	11
31	Finite-time synchronization of fractional-order memristive recurrent neural networks with discontinuous activation functions. Neurocomputing, 2018, 316, 284-293.	3.5	51
32	Reliable control for hybrid-driven Tâ€“S fuzzy systems with actuator faults and probabilistic nonlinear perturbations. Journal of the Franklin Institute, 2017, 354, 3267-3288.	1.9	32
33	Masterâ€“slave exponential synchronization of delayed complex-valued memristor-based neural networks via impulsive control. Neural Networks, 2017, 93, 165-175.	3.3	81
34	Synchronization of stochastic discrete-time complex networks with partial mixed impulsive effects. Journal of the Franklin Institute, 2017, 354, 4196-4214.	1.9	15
35	Event-triggered output feedback<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> for networked Markovian jump systems with quantizations. Nonlinear Analysis: Hybrid Systems, 2017, 24, 146-158.	2.1	64
36	Exponential adaptive synchronization of stochastic memristive chaotic recurrent neural networks with time-varying delays. Neurocomputing, 2017, 267, 396-405.	3.5	34

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37	Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. ISA Transactions, 2017, 66, 77-85.	3.1	22
38	Finite-time synchronization of cyclic switched complex networks under feedback control. Journal of the Franklin Institute, 2017, 354, 3780-3796.	1.9	19
39	Exponential stabilisation of stochastic memristive neural networks under intermittent adaptive control. IET Control Theory and Applications, 2017, 11, 2432-2439.	1.2	41
40	Consensus Analysis of Second-Order Multi-Agent Networks With Sampled Data and Packet Losses. IEEE Access, 2016, 4, 8127-8137.	2.6	17
41	Synchronization of hybrid impulsive and switching dynamical networks with delayed impulses. Nonlinear Dynamics, 2016, 83, 187-199.	2.7	8
42	Synchronisation of discreteâ€time complex networks with delayed heterogeneous impulses. IET Control Theory and Applications, 2015, 9, 2648-2656.	1.2	7
43	Differential evolution using a superiorâ€“inferior crossover scheme. Computational Optimization and Applications, 2015, 61, 243-274.	0.9	17
44	Mean square exponential synchronization for two classes of Markovian switching complex networks under feedback control from synchronization control cost viewpoint. Journal of the Franklin Institute, 2015, 352, 3221-3242.	1.9	17
45	Synchronization of Coupled Switched Neural Networks with Time-Varying Delays. Arabian Journal for Science and Engineering, 2015, 40, 3759-3773.	1.1	4
46	Delayed impulsive synchronization of discrete-time complex networks with distributed delays. Nonlinear Dynamics, 2015, 82, 2081-2096.	2.7	16
47	Synchronization of Takagi-Sugeno fuzzy stochastic discrete-time complex networks with delayed impulsive effects. , 2015, , .		0
48	Exponential synchronization of impulsive discrete-time complex networks with time-varying delay. Neurocomputing, 2015, 157, 335-343.	3.5	21
49	Finite-time global synchronization for a class of Markovian jump complex networks with partially unknown transition rates under feedback control. Nonlinear Dynamics, 2015, 79, 47-61.	2.7	60
50	Stochastic Stability of Switched Genetic Regulatory Networks With Time-Varying Delays. IEEE Transactions on Nanobioscience, 2014, 13, 336-342.	2.2	31
51	Finiteâ€time cluster synchronisation of Markovian switching complex networks with stochastic perturbations. IET Control Theory and Applications, 2014, 8, 30-41.	1.2	44
52	Synchronization of delayed coupled discrete-time complex networks via impulsive control. , 2014, , .		0
53	Finite-time synchronization problems of delayed complex networks with stochastic perturbations. , 2014, , .		0
54	Global synchronization for a class of Markovian switching complex networks with mixed time-varying delays in the delay-partition approach. Advances in Difference Equations, 2014, 2014, 248.	3.5	3

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55	A Hybrid Differential Evolution for Optimum Modeling of PEM Fuel Cells. Arabian Journal for Science and Engineering, 2014, 39, 2869-2885.	1.1	6
56	Finite-time synchronization of Markovian jump complex networks with partially unknown transition rates. Journal of the Franklin Institute, 2014, 351, 2543-2561.	1.9	69
57	Synchronization of Nonlinear Dynamical Networks With Heterogeneous Impulses. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 1220-1228.	3.5	162
58	Synchronization of Stochastic Dynamical Networks Under Impulsive Control With Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1758-1768.	7.2	129
59	Mean square exponential synchronization for a class of Markovian switching complex networks under feedback control and M-matrix approach. Neurocomputing, 2014, 144, 357-366.	3.5	17
60	Finite time synchronization problems of delayed complex networks with stochastic perturbations. Advances in Difference Equations, 2014, 2014, .	3.5	4
61	Exponential stability of switched genetic regulatory networks with both stable and unstable subsystems. Journal of the Franklin Institute, 2013, 350, 2322-2333.	1.9	21
62	Pinning controllability of complex networks with community structure. Chaos, 2013, 23, 033114.	1.0	16
63	Dissipativity analysis of singular systems with Markovian jump parameters and mode-dependent mixed time-delays. Neurocomputing, 2013, 110, 121-127.	3.5	31
64	Stabilizing and synchronizing the Markovian jumping neural networks with mode-dependent mixed delays based on quantized state feedback. Journal of the Franklin Institute, 2013, 350, 275-299.	1.9	10
65	Synchronization of Markovian jump genetic oscillators with nonidentical feedback delay. Neurocomputing, 2013, 101, 347-353.	3.5	10
66	Adaptive population tuning scheme for differential evolution. Information Sciences, 2013, 223, 164-191.	4.0	124
67	Robust Stability of Markovian Jumping Genetic Regulatory Networks with Mode-Dependent Delays. Mathematical Problems in Engineering, 2012, 2012, 1-18.	0.6	4
68	A New Four-Scroll Chaotic Attractor Consisted of Two-Scroll Transient Chaotic and Two-Scroll Ultimate Chaotic. Mathematical Problems in Engineering, 2012, 2012, 1-12.	0.6	4
69	Studying on the stability of fractional-order nonlinear system. Nonlinear Dynamics, 2012, 70, 475-479.	2.7	25
70	Stability of delayed neural networks with time-varying impulses. Neural Networks, 2012, 36, 59-63.	3.3	83
71	Evolutionary Pinning Control and Its Application in UAV Coordination. IEEE Transactions on Industrial Informatics, 2012, 8, 828-838.	7.2	133
72	Digital IIR Filters Design Using Differential Evolution Algorithm with a Controllable Probabilistic Population Size. PLoS ONE, 2012, 7, e40549.	1.1	18

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73	Adaptive synchronization of the complex dynamical network with double non-delayed and double delayed coupling. International Journal of Control, Automation and Systems, 2012, 10, 415-420.	1.6	5
74	Robust stability for genetic regulatory networks with linear fractional uncertainties. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1753-1765.	1.7	31
75	New robust stability analysis for genetic regulatory networks with random discrete delays and distributed delays. Neurocomputing, 2011, 74, 2344-2360.	3.5	45
76	Multiobjective synchronization of coupled systems. Chaos, 2011, 21, 025114.	1.0	51
77	Efficient multi-sequence memory with controllable steady-state period and high sequence storage capacity. Neural Computing and Applications, 2011, 20, 17-24.	3.2	5
78	Controller design for synchronization of an array of delayed neural networks using a controllable probabilistic PSO. Information Sciences, 2011, 181, 4715-4732.	4.0	51
79	Generating a new chaotic attractor by feedback controlling method. Mathematical Methods in the Applied Sciences, 2011, 34, 2159-2166.	1.2	4
80	Parameters identification of unknown delayed genetic regulatory networks by a switching particle swarm optimization algorithm. Expert Systems With Applications, 2011, 38, 2523-2535.	4.4	81
81	Stochastic stability of Markovian jumping genetic regulatory networks with mixed time delays. Applied Mathematics and Computation, 2011, 217, 7210-7225.	1.4	53
82	Exponential cluster synchronization of impulsive delayed genetic oscillators with external disturbances. Chaos, 2011, 21, 043137.	1.0	49
83	Pinning impulsive synchronization of stochastic delayed coupled networks. Chinese Physics B, 2011, 20, 040513.	0.7	21
84	Robust stability of interval genetic regulatory networks with multiple time-varying delays. , 2011, , .		1
85	Reply to the comment on â€œSynchronization of N-coupled fractional-order chaotic systems with ring connectionâ€• Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 4244-4245.	1.7	1
86	Dynamic depression control of chaotic neural networks for associative memory. Neurocomputing, 2010, 73, 776-783.	3.5	27
87	Impulsive pinning synchronization of stochastic discrete-time networks. Neurocomputing, 2010, 73, 2132-2139.	3.5	45
88	Synchronization of Takagiâ€“Sugeno fuzzy stochastic discrete-time complex networks with mixed time-varying delays. Applied Mathematical Modelling, 2010, 34, 843-855.	2.2	70
89	Synchronization of N-coupled fractional-order chaotic systems with ring connection. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 401-412.	1.7	59
90	Image encryption using chaotic coupled map lattices with time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2456-2468.	1.7	89

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91	LAG FULL STATE HYBRID PROJECTIVE SYNCHRONIZATION IN DIFFERENT FRACTIONAL-ORDER CHAOTIC SYSTEMS. International Journal of Modern Physics B, 2010, 24, 6129-6141.	1.0	6
92	SYNCHRONIZATION OF TAKAGIâ€“SUGENO FUZZY STOCHASTIC DELAYED COMPLEX NETWORKS WITH HYBRID COUPLING. Modern Physics Letters B, 2009, 23, 2429-2447.	1.0	18
93	SYNCHRONIZATION IN AN ARRAY OF HYBRID COUPLED NEURAL NETWORKS WITH MODE-DEPENDENT MIXED DELAYS AND MARKOVIAN SWITCHING. Modern Physics Letters B, 2009, 23, 1171-1187.	1.0	1
94	On the exponential synchronization of stochastic jumping chaotic neural networks with mixed delays and sector-bounded non-linearities. Neurocomputing, 2009, 72, 1694-1701.	3.5	60
95	Robust synchronization in an array of fuzzy delayed cellular neural networks with stochastically hybrid coupling. Neurocomputing, 2009, 72, 3253-3262.	3.5	44
96	Delay-distribution-dependent stability of stochastic discrete-time neural networks with randomly mixed time-varying delays. Neurocomputing, 2009, 72, 3830-3838.	3.5	62
97	Adaptive synchronization in an array of chaotic neural networks with mixed delays and jumping stochastically hybrid coupling. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3615-3628.	1.7	37
98	Pinning control of fractional-order weighted complex networks. Chaos, 2009, 19, 013112.	1.0	119
99	SYNCHRONIZATION OF STOCHASTIC DELAYED NEURAL NETWORKS WITH MARKOVIAN SWITCHING AND ITS APPLICATION. International Journal of Neural Systems, 2009, 19, 43-56.	3.2	34
100	Stability analysis of multiple time-delayed system. ISA Transactions, 2008, 47, 439-447.	3.1	3
101	General methods for modified projective synchronization of hyperchaotic systems with known or unknown parameters. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1816-1826.	0.9	64
102	Adaptive lag synchronization in unknown stochastic chaotic neural networks with discrete and distributed time-varying delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4425-4433.	0.9	124
103	ADAPTIVE SYNCHRONIZATION FOR UNKNOWN STOCHASTIC CHAOTIC NEURAL NETWORKS WITH MIXED TIME-DELAYS BY OUTPUT COUPLING. Modern Physics Letters B, 2008, 22, 2391-2409.	1.0	5