Guodong Zhang

List of Publications by Year
in descending order

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48 papers	2,314 citations	236925 25 h-index	345221 36 g-index
48 all docs	48 docs citations	48 times ranked	973 citing authors

#	Article	IF	Citations
1	Exponential synchronization of delayed memristor-based chaotic neural networks via periodically intermittent control. Neural Networks, 2014, 55, 1-10.	5.9	215
2	Adaptive Synchronization of Memristor-Based Neural Networks with Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2033-2042.	11.3	174
3	Global anti-synchronization of a class of chaotic memristive neural networks with time-varying delays. Neural Networks, 2013, 46, 1-8.	5.9	169
4	Exponential Stabilization of Memristor-based Chaotic Neural Networks with Time-Varying Delays via Intermittent Control. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1431-1441.	11.3	166
5	Global exponential periodicity and stability of a class of memristor-based recurrent neural networks with multiple delays. Information Sciences, 2013, 232, 386-396.	6.9	156
6	New Algebraic Criteria for Synchronization Stability of Chaotic Memristive Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1701-1707.	11.3	144
7	New results on global exponential dissipativity analysis of memristive inertial neural networks with distributed time-varying delays. Neural Networks, 2018, 97, 183-191.	5.9	124
8	Combinationâ€“combination synchronization among four identical or different chaotic systems. Nonlinear Dynamics, 2013, 73, 1211-1222.	5.2	103
9	Global exponential stability of a class of memristor-based recurrent neural networks with time-varying delays. Neurocomputing, 2012, 97, 149-154.	5.9	102
10	Finite-Time Stabilization and Adaptive Control of Memristor-Based Delayed Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2648-2659.	11.3	99
11	Synchronization of a Class of Switched Neural Networks with Time-Varying Delays via Nonlinear Feedback Control. IEEE Transactions on Cybernetics, 2016, 46, 2300-2310.	9.5	87
12	Exponential stability for a class of memristive neural networks with mixed time-varying delays. Applied Mathematics and Computation, 2018, 321, 544-554.	2.2	66
13	New Criteria on Global Stabilization of Delayed Memristive Neural Networks With Inertial Item. IEEE Transactions on Cybernetics, 2020, 50, 2770-2780.	9.5	51
14	Novel results on synchronization for a class of switched inertial neural networks with distributed delays. Information Sciences, 2020, 511, 114-126.	6.9	51
15	Transmission projective synchronization of multi-systems with non-delayed and delayed coupling via impulsive control. Chaos, 2012, 22, 043107.	2.5	50
16	Stabilization of Second-Order Memristive Neural Networks With Mixed Time Delays via Nonreduced Order. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 700-706.	11.3	45
17	Hopf bifurcation of a predatorâ€“prey system with predator harvesting and two delays. Nonlinear Dynamics, 2013, 73, 2119-2131.	5.2	44
18	Passivity analysis for memristor-based recurrent neural networks with discrete and distributed delays. Neural Networks, 2015, 61, 49-58.	5.9	42

#	Article	IF	Citations
19	General decay synchronization stability for a class of delayed chaotic neural networks with discontinuous activations. Neurocomputing, 2016, 179, 169-175.	5.9	35
20	Global stability and stabilization for inertial memristive neural networks with unbounded distributed delays. Nonlinear Dynamics, 2019, 95, 943-955.	5.2	32
21	Global exponential stability in a Lagrange sense for memristive recurrent neural networks with time-varying delays. Neurocomputing, 2015, 149, 1330-1336.	5.9	31
22	New results on synchronization control of delayed memristive neural networks. Nonlinear Dynamics, 2015, 81, 1167-1178.	5.2	30
23	Finite-time lag synchronization of inertial neural networks with mixed infinite time-varying delays and state-dependent switching. Neurocomputing, 2021, 433, 50-58.	5.9	30
24	Finite-time stabilization of complex-valued neural networks with proportional delays and inertial terms: A non-separation approach. Neural Networks, 2022, 148, 86-95.	5.9	29
25	Hopf bifurcation and stability for a differential-algebraic biological economic system. Applied Mathematics and Computation, 2010, 217, 330-338.	2.2	27
26	Novel results on finite-time stabilization of state-based switched chaotic inertial neural networks with distributed delays. Neural Networks, 2020, 129, 193-202.	5.9	27
27	Bifurcation analysis in a discrete differential-algebraic predatorâ€“prey system. Applied Mathematical Modelling, 2014, 38, 4835-4848.	4.2	25
28	Exponential lag synchronization for delayed memristive recurrent neural networks. Neurocomputing, 2015, 154, 86-93.	5.9	25
29	Fixed-time synchronization for delayed inertial complex-valued neural networks. Applied Mathematics and Computation, 2021, 405, 126272.	2.2	22
30	Positive periodic solutions in a non-selective harvesting predatorâ€“prey model with multiple delays. Journal of Mathematical Analysis and Applications, 2012, 395, 298-306.	1.0	21
31	Hopf bifurcation in a delayed differentialâ€“algebraic biological economic system. Nonlinear Analysis: Real World Applications, 2011, 12, 1708-1719.	1.7	16
32	Hopf bifurcation for a differentialâ€“algebraic biological economic system with time delay. Applied Mathematics and Computation, 2012, 218, 7717-7726.	2.2	16
33	Novel conditions on exponential stability of a class of delayed neural networks with state-dependent switching. Neural Networks, 2015, 71, 55-61.	5.9	15
34	Exponential stability criteria for delayed second-order memristive neural networks. Neurocomputing, 2018, 315, 439-446.	5.9	15
35	Periodic solutions for a neutral delay Hassellâ€“Varley type predatorâ€“prey system. Applied Mathematics and Computation, 2015, 264, 443-452.	2.2	13
36	Fixed-time stabilization and synchronization for fuzzy inertial neural networks with bounded distributed delays and discontinuous activation functions. Neurocomputing, 2022, 495, 86-96.	5.9	12

#	Article	IF	Citations
37	Feedback control for singularity induced bifurcation of a differential-algebraic biological economic system. , 2012, , .		1
38	Exponential Stabilization for Delayed Memristive Fuzzy Cellular Neural Networks. , 2017, , .		1
39	Exponential lag anti-synchronization of memristive neural networks with time delays. , 2017, , .		1
40	Anti-Synchronization Control of Fuzzy Inertial Neural Networks with Distributed Time Delays. , 2021, , .		1
41	Exponential stabilization of fuzzy inertial neural networks with mixed delays. , 2021, , .		1
42	Complex dynamical behaviors analysis of a voltage-controlled memristive system. , 2012, , .		0
43	Bifurcation analysis and control for a class of predator-prey system with harvesting. , 2015, , .		0
44	Exponential stabilization of delayed state-dependent switching neural networks by intermittent control. , 2019, , .		0
45	Chaotic Lag Synchronization of a Class of Inertial Neural Networks with Unbounded Distributed Delays. , 2020, , .		0
46	Anti-synchronization Control of Complex-valued Neural Networks with Unbounded Time-varying Delays. , 2021, , .		0
47	Stabilization of Fuzzy Inertial Neural Networks with Infinite Delays. , 2021, , .		0
48	Synchronization control for a class of delayed fuzzy inertial neural networks. , 2021, , .		0