Zhichun Yang

List of Publications by Year
in descending order

40 papers	1,378 citations	623734 14 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	805 citing authors

#	Article	IF	Citations
1	Stability Analysis of High-order Proportional Delayed Cellular Neural Networks with D Operators. International Journal of Control, Automation and Systems, 2022, 20, 660-668.	2.7	4
2	Delay-dependent stability analysis of stochastic time-delay systems involving Poisson process. Journal of the Franklin Institute, 2021, 358, 1087-1102.	3.4	6
3	Input-to-state stability of hybrid stochastic systems with unbounded delays and impulsive effects. Nonlinear Dynamics, 2021, 104, 3753.	5.2	3
4	Further stability results for random nonlinear systems with stochastic impulses. Journal of the Franklin Institute, 2021, 358, 5426-5450.	3.4	4
5	Global dynamics and learning algorithm of non-autonomous neural networks with time-varying delays. Neurocomputing, 2020, 416, 59-68.	5.9	3
6	Multiple periodic orbits from Hopf bifurcation in a hierarchical neural network with DnÃ—Dn-symmetry and delays. Neurocomputing, 2020, 417, 516-527.	5.9	2
7	Dynamical Analysis for the Hybrid Network Model of Delayed Predator-Prey Gompertz Systems with Impulsive Diffusion between Two Patches. Discrete Dynamics in Nature and Society, 2020, 2020, 1-12.	0.9	0
8	A projection method based on self-adaptive rules for Stokes equations with nonlinear slip boundary conditions. Journal of Mathematical Analysis and Applications, 2020, 491, 124306.	1.0	1
9	Distributed adaptive neural network consensus for a class of uncertain nonaffine nonlinear multi-agent systems. Nonlinear Dynamics, 2020, 100, 1243-1255.	5.2	38
10	Input-to-state stability of delayed reaction-diffusion neural networks with impulsive effects. Neurocomputing, 2019, 333, 261-272.	5.9	19
11	Exponential Input-to-State Stability (e-ISS) Analysis of Delayed Impulsive Stochastic Reaction-Diffusion Cohen-Grossberg Neural Networks (RDCGNNS) with Varying Coefficients. , 2018, , .		1
12	Dynamical Behaviors of a Pest Epidemic Model with Impulsive Control Over a Patchy Environment. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850173.	1.7	4
13	State estimation and input-to-state stability of impulsive stochastic BAM neural networks with mixed delays. Neurocomputing, 2017, 227, 37-45.	5.9	14
14	Dynamical behaviors of a stochastic SIRI epidemic model. Applicable Analysis, 2017, 96, 2758-2770.	1.3	12
15	Dynamical Behaviors of a Stage-Structured Predator-Prey Model with Harvesting Effort and Impulsive Diffusion. Discrete Dynamics in Nature and Society, 2015, 2015, 1-9.	0.9	1
16	Theory and Applications of Complex Networks 2014. Mathematical Problems in Engineering, 2015, 2015, 1-2.	1.1	1
17	Dynamics of Delay Differential Equations with Its Applications 2014. Abstract and Applied Analysis, 2015, 2015, 1-2.	0.7	0
18	Theory and Applications of Complex Networks. Mathematical Problems in Engineering, 2014, 2014, 1-2.	1.1	3

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19	Exponential input-to-state stability of recurrent neural networks with multiple time-varying delays. Cognitive Neurodynamics, 2014, 8, 47-54.	4.0	36
20	On the basins of attraction for a class of delay differential equations with non-monotone bistable nonlinearities. Journal of Differential Equations, 2014, 256, 2101-2114.	2.2	196
21	Synchronization of TS fuzzy complex dynamical networks with time-varying impulsive delays and stochastic effects. Fuzzy Sets and Systems, 2014, 235, 25-43.	2.7	101
22	Stability and Permanence of a Pest Management Model with Impulsive Releasing and Harvesting. Abstract and Applied Analysis, 2013, 2013, 1-18.	0.7	4
23	Dynamics of Delay Differential Equations with Their Applications. Abstract and Applied Analysis, 2013, 2013, 1-1.	0.7	1
24	The Asymptotic Behavior for a Class of Impulsive Delay Differential Equations. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.7	1
25	Stochastic Synchronization of Reaction-Diffusion Neural Networks under General Impulsive Controller with Mixed Delays. Abstract and Applied Analysis, 2012, 2012, 1-25.	0.7	15
26	Input-to-State Stability for Dynamical Neural Networks with Time-Varying Delays. Abstract and Applied Analysis, 2012, 2012, 1-12.	0.7	4
27	Synchronization criteria in complex dynamical networks with nonsymmetric coupling and multiple time-varying delays. Applicable Analysis, 2012, 91, 923-935.	1.3	20
28	Input-to-state stability of impulsive hybrid systems with stochastic effects. , 2012, , .		0
29	Stabilization of impulsive hybrid systems using quantized input and output feedback. Asian Journal of Control, 2012, 14, 679-692.	3.0	12
30	Exponential stability of singular impulsive systems with time-varying delays. , 2010, , .		0
31	Quantized feedback stabilization of hybrid impulsive control systems. , 2009, , .		12
32	New criteria on synchronization in complex dynamical networks with time-varying delays. , 2009, , .		0
33	Stability analysis for a class of impulsive fuzzy control systems. , 2009, , .		0
34	A novel chaos control scheme with optimality. , 2008, , .		0
35	Stability Analysis and Design of Impulsive Control Systems With Time Delay. IEEE Transactions on Automatic Control, 2007, 52, 1448-1454.	5.7	294
36	Attracting and invariant sets for a class of impulsive functional differential equations. Journal of Mathematical Analysis and Applications, 2007, 329, 1036-1044.	1.0	47

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37	Dissipativity and periodic attractor for non-autonomous neural networks with time-varying delays. Neurocomputing, 2007, 70, 2953-2958.	5.9	35
38	Impulsive effects on stability of Cohen–Grossberg neural networks with variable delays. Applied Mathematics and Computation, 2006, 177, 63-78.	2.2	108
39	Impulsive delay differential inequality and stability of neural networks. Journal of Mathematical Analysis and Applications, 2005, 305, 107-120.	1.0	232
40	Stability analysis of delay neural networks with impulsive effects. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 517-521.	2.2	144