

# Zhichun Yang

## List of Publications by Year in descending order

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40  
papers

1,378  
citations

623734

14  
h-index

434195

31  
g-index

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all docs

40  
docs citations

40  
times ranked

805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Analysis and Design of Impulsive Control Systems With Time Delay. IEEE Transactions on Automatic Control, 2007, 52, 1448-1454.	5.7	294
2	Impulsive delay differential inequality and stability of neural networks. Journal of Mathematical Analysis and Applications, 2005, 305, 107-120.	1.0	232
3	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
4	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
5	Impulsive effects on stability of Cohen-Grossberg neural networks with variable delays. Applied Mathematics and Computation, 2006, 177, 63-78.	2.2	108
6	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
7	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
8	Distributed adaptive neural network consensus for a class of uncertain nonaffine nonlinear multi-agent systems. Nonlinear Dynamics, 2020, 100, 1243-1255.	5.2	38
9	Exponential input-to-state stability of recurrent neural networks with multiple time-varying delays. Cognitive Neurodynamics, 2014, 8, 47-54.	4.0	36
10	Dissipativity and periodic attractor for non-autonomous neural networks with time-varying delays. Neurocomputing, 2007, 70, 2953-2958.	5.9	35
11	Synchronization criteria in complex dynamical networks with nonsymmetric coupling and multiple time-varying delays. Applicable Analysis, 2012, 91, 923-935.	1.3	20
12	Input-to-state stability of delayed reaction-diffusion neural networks with impulsive effects. Neurocomputing, 2019, 333, 261-272.	5.9	19
13	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
14	State estimation and input-to-state stability of impulsive stochastic BAM neural networks with mixed delays. Neurocomputing, 2017, 227, 37-45.	5.9	14
15	Quantized feedback stabilization of hybrid impulsive control systems. , 2009, , .		12
16	Stabilization of impulsive hybrid systems using quantized input and output feedback. Asian Journal of Control, 2012, 14, 679-692.	3.0	12
17	Dynamical behaviors of a stochastic SIRI epidemic model. Applicable Analysis, 2017, 96, 2758-2770.	1.3	12
18	Delay-dependent stability analysis of stochastic time-delay systems involving Poisson process. Journal of the Franklin Institute, 2021, 358, 1087-1102.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Input-to-State Stability for Dynamical Neural Networks with Time-Varying Delays. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-12.	0.7	4
20	Stability and Permanence of a Pest Management Model with Impulsive Releasing and Harvesting. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-18.	0.7	4
21	Dynamical Behaviors of a Pest Epidemic Model with Impulsive Control Over a Patchy Environment. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018, 28, 1850173.	1.7	4
22	Further stability results for random nonlinear systems with stochastic impulses. <i>Journal of the Franklin Institute</i> , 2021, 358, 5426-5450.	3.4	4
23	Stability Analysis of High-order Proportional Delayed Cellular Neural Networks with D Operators. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 660-668.	2.7	4
24	Theory and Applications of Complex Networks. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-2.	1.1	3
25	Global dynamics and learning algorithm of non-autonomous neural networks with time-varying delays. <i>Neurocomputing</i> , 2020, 416, 59-68.	5.9	3
26	Input-to-state stability of hybrid stochastic systems with unbounded delays and impulsive effects. <i>Nonlinear Dynamics</i> , 2021, 104, 3753.	5.2	3
27	Multiple periodic orbits from Hopf bifurcation in a hierarchical neural network with $D_n$ -symmetry and delays. <i>Neurocomputing</i> , 2020, 417, 516-527.	5.9	2
28	Dynamics of Delay Differential Equations with Their Applications. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-1.	0.7	1
29	The Asymptotic Behavior for a Class of Impulsive Delay Differential Equations. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-7.	0.7	1
30	Dynamical Behaviors of a Stage-Structured Predator-Prey Model with Harvesting Effort and Impulsive Diffusion. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-9.	0.9	1
31	Theory and Applications of Complex Networks 2014. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-2.	1.1	1
32	Exponential Input-to-State Stability (e-ISS) Analysis of Delayed Impulsive Stochastic Reaction-Diffusion Cohen-Grossberg Neural Networks (RDCGNNs) with Varying Coefficients. , 2018, , .		1
33	A projection method based on self-adaptive rules for Stokes equations with nonlinear slip boundary conditions. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 491, 124306.	1.0	1
34	A novel chaos control scheme with optimality. , 2008, , .		0
35	New criteria on synchronization in complex dynamical networks with time-varying delays. , 2009, , .		0
36	Stability analysis for a class of impulsive fuzzy control systems. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
37	Exponential stability of singular impulsive systems with time-varying delays. , 2010, , .		0
38	Input-to-state stability of impulsive hybrid systems with stochastic effects. , 2012, , .		0
39	Dynamics of Delay Differential Equations with Its Applications 2014. Abstract and Applied Analysis, 2015, 2015, 1-2.	0.7	0
40	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