Xueibing Zhang

List of Publications by Year
in descending order

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		361413	434195
60	1,100	20	31
papers	citations	h-index	g-index

60	60	60	677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Traveling wave of a reactionâ€“diffusion vector-borne disease model with nonlocal effects and distributed delay. Journal of Dynamics and Differential Equations, 2023, 35, 3149-3185.	1.9	15
2	Effect of toxicant on the dynamics of a delayed diffusive predator-prey model. Journal of Applied Mathematics and Computing, 2023, 69, 355-379.	2.5	3
3	Geometric singular perturbation of a nonlocal partially degenerate model for <i>Aedes aegypti</i>. Discrete and Continuous Dynamical Systems - Series B, 2023, 28, 1279.	0.9	3
4	Dynamics of a reactionâ€“diffusion dengue fever model with incubation periods and vertical transmission in heterogeneous environments. Journal of Applied Mathematics and Computing, 2022, 68, 3673-3703.	2.5	2
5	Traveling waves for a diffusive mosquito-borne epidemic model with general incidence. Zeitschrift Fur Angewandte Mathematik Und Physik, 2022, 73, .	1.4	14
6	Bifurcation Analysis of a Reactionâ€“Diffusion Rumor Spreading Model with Nonsmooth Control. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	1.7	4
7	Modeling and dynamics analysis of Zika transmission with contaminated aquatic environments. Nonlinear Dynamics, 2021, 104, 845-862.	5.2	11
8	Analysis of a two-strain malaria transmission model with spatial heterogeneity and vector-bias. Journal of Mathematical Biology, 2021, 82, 24.	1.9	13
9	Dynamics of a dengue fever model with vertical transmission and time periodic in spatially heterogeneous environments. Mathematical Methods in the Applied Sciences, 2021, 44, 11350-11375.	2.3	4
10	Finite Time Synchronization of Delayed Quaternion Valued Neural Networks with Fractional Order. Neural Processing Letters, 2021, 53, 3607-3618.	3.2	15
11	Spatiotemporal dynamics of a delayed diffusive ratio-dependent predatorâ€“prey model with fear effect. Nonlinear Dynamics, 2021, 105, 3775-3790.	5.2	19
12	Analysis and Synchronization of a New Hyperchaotic System with Exponential Term. Mathematics, 2021, 9, 3281.	2.2	7
13	Spatiotemporal Dynamics of a Diffusive Predatorâ€“Prey System with Allee Effect and Threshold Hunting. Journal of Nonlinear Science, 2020, 30, 1015-1054.	2.1	15
14	Modeling and Dynamics Analysis of Zika Transmission with Limited Medical Resources. Bulletin of Mathematical Biology, 2020, 82, 99.	1.9	23
15	Modeling Periodic HFMD with the Effect of Vaccination in Mainland China. Complexity, 2020, 2020, 1-18.	1.6	3
16	Optimal control of a diffusive eco-epidemiological predatorâ€“prey model. International Journal of Biomathematics, 2020, 13, 2050065.	2.9	1
17	Partial differential equation modeling of rumor propagation in complex networks with higher order of organization. Chaos, 2019, 29, 053106.	2.5	45
18	Synthesization of Multi-valued Associative High-Capacity Memory Based on Continuous Networks with a Class of Non-smooth Linear Nondecreasing Activation Functions. Neural Processing Letters, 2019, 50, 911-932.	3.2	3

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19	Dynamics and pattern formation in homogeneous diffusive predatorâ€“prey systems with predator interference or foraging facilitation. Nonlinear Analysis: Real World Applications, 2019, 48, 267-287.	1.7	12
20	Hopf Bifurcation and Chaos of a Delayed Finance System. Complexity, 2019, 2019, 1-18.	1.6	11
21	Dynamics and pattern formation of a diffusive predatorâ€“prey model in the presence of toxicity. Nonlinear Dynamics, 2019, 95, 2163-2179.	5.2	16
22	Stability and Hopf bifurcation of a delayed reactionâ€“diffusion predatorâ€“prey model with anti-predator behaviour. Nonlinear Analysis: Modelling and Control, 2019, 24, 387-406.	1.6	9
23	Dynamical stability in a delayed neural network with reactionâ€“diffusion and coupling. Nonlinear Dynamics, 2018, 92, 1197-1215.	5.2	8
24	Global qualitative analysis of a discrete hostâ€parasitoid model with refuge and strong Allee effects. Mathematical Methods in the Applied Sciences, 2018, 41, 2039-2062.	2.3	14
25	Spatio-temporal complexity of a delayed diffusive model for plant invasion. Computers and Mathematics With Applications, 2018, 76, 2575-2612.	2.7	2
26	Bifurcations and Pattern Formation in a Predatorâ€“Prey Model. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850140.	1.7	33
27	Dynamics and Patterns of a Diffusive Prey-Predator System with a Group Defense for Prey. Discrete Dynamics in Nature and Society, 2018, 2018, 1-9.	0.9	6
28	Dynamical behaviours and control measures of rumour-spreading model with consideration of network topology. International Journal of Systems Science, 2017, 48, 2064-2078.	5.5	39
29	Dynamics analysis of a delayed reaction-diffusion predator-prey system with non-continuous threshold harvesting. Mathematical Biosciences, 2017, 289, 130-141.	1.9	18
30	Complex dynamics of a discrete predatorâ€“prey model with the prey subject to the Allee effect. Journal of Difference Equations and Applications, 2017, 23, 1765-1806.	1.1	10
31	Modeling the transmission and control of Zika in Brazil. Scientific Reports, 2017, 7, 7721.	3.3	32
32	Hopf bifurcation of a delayed diffusive predator-prey model with strong Allee effect. Advances in Difference Equations, 2017, 2017, .	3.5	2
33	The spatial dynamics of a zebrafish model with cross-diffusions. Mathematical Biosciences and Engineering, 2017, 14, 1035-1054.	1.9	0
34	Dynamic analysis of a fractional order delayed predatorâ€“prey system with harvesting. Theory in Biosciences, 2016, 135, 59-72.	1.4	31
35	Bifurcation and control of a delayed reaction-diffusion rumor spreading model with medium mechanism. , 2016, , .		1
36	A Projection Neural Network with Time Delays for Solving Linear Variational Inequality Problems and Its Applications. Circuits, Systems, and Signal Processing, 2016, 35, 2789-2809.	2.0	5

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37	Dynamic Analysis of a Reactionâ€“Diffusion Rumor Propagation Model. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650101.	1.7	34
38	Synchronized bifurcation and stability in a ring of diffusively coupled neurons with time delay. Neural Networks, 2016, 75, 32-46.	5.9	17
39	Stability and bifurcation of a reactionâ€“diffusion predatorâ€“prey model with non-local delay and Michaelisâ€“Menten-type prey-harvesting. International Journal of Computer Mathematics, 2016, 93, 1447-1469.	1.8	10
40	Stability and bifurcation analysis in a delayed reactionâ€“diffusion malware propagation model. Computers and Mathematics With Applications, 2015, 69, 852-875.	2.7	27
41	Hopf bifurcation and harvesting control of a bioeconomic plankton model with delay and diffusion terms. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 300-315.	2.6	32
42	Stability and Hopf bifurcation in a reactionâ€“diffusion predatorâ€“prey system with interval biological parameters and stage structure. Nonlinear Dynamics, 2015, 79, 1797-1816.	5.2	8
43	Bifurcation analysis of a delay reactionâ€“diffusion malware propagation model with feedback control. Communications in Nonlinear Science and Numerical Simulation, 2015, 22, 747-768.	3.3	39
44	Dynamical analysis and optimal control for a malware propagation model in an information network. Neurocomputing, 2015, 149, 1370-1386.	5.9	44
45	Turing instability and pattern formation of neural networks with reactionâ€“diffusion terms. Nonlinear Dynamics, 2014, 76, 115-124.	5.2	41
46	Bifurcation and optimal harvesting of a diffusive predatorâ€“prey system with delays and interval biological parameters. Journal of Theoretical Biology, 2014, 363, 390-403.	1.7	45
47	Synchronized stability in a reactionâ€“diffusion neural network model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 3586-3599.	2.1	16
48	Bifurcation and luring instability of a class of reaction-diffusion neural networks. , 2012, , .		0
49	Analysis and adaptive synchronization for a new chaotic system. Journal of Dynamical and Control Systems, 2012, 18, 467-477.	0.8	10
50	Existence and exponential stability of almost periodic solutions for a neutral multi-species Logarithmic population model. Applied Mathematics and Computation, 2012, 218, 5346-5356.	2.2	4
51	Global impulsive exponential anti-synchronization of delayed chaotic neural networks. Neurocomputing, 2011, 74, 563-567.	5.9	45
52	Hopf bifurcation for a small-world network model withÂparameters delay feedback control. Nonlinear Dynamics, 2011, 63, 345-357.	5.2	22
53	New LMI conditions for global exponential stability of cellular neural networks with delays. Nonlinear Analysis: Real World Applications, 2009, 10, 287-297.	1.7	21
54	Hopf bifurcation and stability analysis on discrete-time Hopfield neural network with delay. Nonlinear Analysis: Real World Applications, 2008, 9, 103-113.	1.7	36

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55	A comment on "Globally exponential stability of neural networks with variable delays". IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 77-78.	2.2	1
56	Exponential stability and periodic oscillatory of bi-directional associative memory neural network involving delays. Neurocomputing, 2006, 69, 424-448.	5.9	57
57	Existence of periodic oscillatory solution of reactionâ€“diffusion neural networks with delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 343, 372-383.	2.1	44
58	New conditions for global exponential stability of cellular neural networks with delays. Neural Networks, 2005, 18, 1332-1340.	5.9	72
59	Delay-independent exponential stability of recurrent neural networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 399-407.	2.1	22
60	Mathematical analysis of multi-target cells and multi-strain age-structured model with two HIV infection routes. International Journal of Biomathematics, 0, , .	2.9	4