

Zhiming Guo

List of Publications by Year in descending order

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53
papers

1,481
citations

361388

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all docs

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docs citations

53
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Traveling wavefronts of a delayed temporally discrete reaction-diffusion equation. Journal of Mathematical Analysis and Applications, 2021, 496, 124787.	1.0	5
2	Traveling Waves Solutions for Delayed Temporally Discrete Non-Local Reaction-Diffusion Equation. Mathematics, 2021, 9, 1999.	2.2	0
3	Periodic solutions with prescribed minimal period for second order even Hamiltonian systems. Communications on Pure and Applied Analysis, 2021, .	0.8	1
4	The blood-stage dynamics of malaria infection with immune response. Journal of Biological Dynamics, 2021, , 1-26.	1.7	0
5	Heteroclinic solutions for a class of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e45" altimg="si3.svg" \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Laplacian difference equations with a parameter. Applied Mathematics Letters, 2020, 100, 106034.	2.7	23
6	A Markov-switching predator-prey model with Allee effect for preys. International Journal of Biomathematics, 2020, 13, 2050018.	2.9	1
7	A <i>Wolbachia</i> infection model with free boundary. Journal of Biological Dynamics, 2020, 14, 515-542.	1.7	7
8	Backward bifurcation in a malaria transmission model. Journal of Biological Dynamics, 2020, 14, 368-388.	1.7	6
9	Modeling <i>Wolbachia</i> Diffusion in Mosquito Populations by Discrete Competition Model. Discrete Dynamics in Nature and Society, 2020, 2020, 1-11.	0.9	1
10	Biological invasion in a predator-prey model with a free boundary. Boundary Value Problems, 2019, 2019, .	0.7	7
11	Dynamics of a malaria infection model with time delay. Mathematical Biosciences and Engineering, 2019, 16, 4885-4907.	1.9	5
12	NONTRIVIAL PERIODIC SOLUTIONS TO A TYPE OF DELAYED RESONANT DIFFERENTIAL EQUATIONS. Journal of Applied Analysis and Computation, 2019, 9, 2245-2260.	0.5	0
13	MONOTONE METHODS AND STABILITY RESULTS FOR NONLOCAL REACTION-DIFFUSION EQUATIONS WITH TIME DELAY. Journal of Applied Analysis and Computation, 2018, 8, 1342-1368.	0.5	2
14	Dynamical behavior of a new oncolytic virotherapy model based on gene variation. Discrete and Continuous Dynamical Systems - Series S, 2017, 10, 1079-1093.	1.1	6
15	A mathematical model verifying potent oncolytic efficacy of M1 virus. Mathematical Biosciences, 2016, 276, 19-27.	1.9	23
16	Dynamics of Delay Differential Equations with Its Applications 2014. Abstract and Applied Analysis, 2015, 2015, 1-2.	0.7	0
17	A nonlocal diffusion population model with age structure and Dirichlet boundary condition. Communications on Pure and Applied Analysis, 2015, 14, 2095-2115.	0.8	4
18	Global dynamics of a nonlocal population model with age structure in a bounded domain: A non-monotone case. Science China Mathematics, 2015, 58, 1-22.	1.7	5

#	ARTICLE	IF	CITATIONS
19	Global Stability for a Viral Infection Model with Saturated Incidence Rate. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.7	1
20	Global Asymptotic Stability in a Class of Reaction-Diffusion Equations with Time Delay. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-8.	0.7	1
21	Dynamical Behavior of a New Epidemiological Model. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-9.	0.9	1
22	Multiplicity results on periodic solutions to higher-dimensional differential equations with multiple delays. <i>Rocky Mountain Journal of Mathematics</i> , 2014, 44, .	0.4	7
23	Homoclinic solutions of a class of periodic difference equations with asymptotically linear nonlinearities. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2013, 89, 208-218.	1.1	13
24	On the Existence and Stability of Periodic Solutions for a Nonlinear Neutral Functional Differential Equation. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.7	2
25	Dynamics of Delay Differential Equations with Their Applications. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-1.	0.7	1
26	Periodic solutions for second-order difference equations with resonance at infinity. <i>Journal of Difference Equations and Applications</i> , 2012, 18, 149-161.	1.1	5
27	Threshold dynamics of an infective disease model with a fixed latent period and non-local infections. <i>Journal of Mathematical Biology</i> , 2012, 65, 1387-1410.	1.9	79
28	Existence and uniqueness of positive solution to a non-local differential equation with homogeneous Dirichlet boundary condition--A non-monotone case. <i>Communications on Pure and Applied Analysis</i> , 2012, 11, 1825-1838.	0.8	17
29	Multiplicity Results on Period Solutions to Higher Dimensional Differential Equations with Multiple Delays. <i>Journal of Dynamics and Differential Equations</i> , 2011, 23, 1029-1052.	1.9	27
30	The Clark dual and multiple periodic solutions of delay differential equations. <i>Boundary Value Problems</i> , 2011, 2011, .	0.7	0
31	Multiplicity results for periodic solutions to a class of second order delay differential equations. <i>Communications on Pure and Applied Analysis</i> , 2010, 9, 1529-1542.	0.8	4
32	Existence of multiple periodic solutions for a class of second-order delay differential equations. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 3285-3297.	1.7	33
33	Homoclinic orbits for nonlinear difference equations containing both advance and retardation. <i>Journal of Mathematical Analysis and Applications</i> , 2009, 352, 799-806.	1.0	21
34	Positive Solutions for Multiparameter Semipositone Discrete Boundary Value Problems via Variational Method. <i>Advances in Difference Equations</i> , 2008, 2008, 1-16.	3.5	6
35	Multiple periodic solutions for discrete Hamiltonian systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007, 66, 1498-1512.	1.1	15
36	Homoclinic orbits and subharmonics for nonlinear second order difference equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007, 67, 1737-1745.	1.1	75

#	ARTICLE	IF	CITATIONS
37	Existence of solutions of nonlinear fourth order discrete boundary value problem. Journal of Difference Equations and Applications, 2006, 12, 459-466.	1.1	14
38	Periodic solutions of a class of nonlinear difference equations via critical point method. Computers and Mathematics With Applications, 2006, 52, 1639-1647.	2.7	9
39	On boundary value problems for a discrete generalized Emden-Fowler equation. Journal of Differential Equations, 2006, 231, 18-31.	2.2	81
40	Homoclinic orbits for second order self-adjoint difference equations. Journal of Mathematical Analysis and Applications, 2006, 323, 513-521.	1.0	98
41	Periodic solutions of a discrete Hamiltonian system with a change of sign in the potential. Journal of Mathematical Analysis and Applications, 2006, 324, 1140-1151.	1.0	25
42	Multiplicity Results for Periodic Solutions to Second-Order Difference Equations. Journal of Dynamics and Differential Equations, 2006, 18, 943-960.	1.9	20
43	Boundary value problems of discrete generalized Emden-Fowler equation. Science in China Series A: Mathematics, 2006, 49, 1303-1314.	0.5	29
44	Multiplicity results for periodic solutions to delay differential equations via critical point theory. Journal of Differential Equations, 2005, 218, 15-35.	2.2	63
45	Existence of periodic solutions for fourth-order difference equations. Computers and Mathematics With Applications, 2005, 50, 49-55.	2.7	36
46	The existence of periodic and subharmonic solutions to subquadratic discrete Hamiltonian systems. ANZIAM Journal, 2005, 47, 89-102.	0.2	18
47	PERIODIC SOLUTIONS OF SECOND ORDER SELF-ADJOINT DIFFERENCE EQUATIONS. Journal of the London Mathematical Society, 2005, 71, 146-160.	1.0	67
48	Periodic solutions of higher-dimensional discrete systems. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2004, 134, 1013-1022.	1.2	91
49	Subharmonic Solutions with Prescribed Minimal Period of a Discrete Forced Pendulum Equation. Journal of Dynamics and Differential Equations, 2004, 16, 575-586.	1.9	60
50	Existence of periodic and subharmonic solutions for second-order superlinear difference equations. Science in China Series A: Mathematics, 2003, 46, 506-515.	0.5	167
51	Periodic and subharmonic solutions for superquadratic discrete Hamiltonian systems. Nonlinear Analysis: Theory, Methods & Applications, 2003, 55, 969-983.	1.1	61
52	THE EXISTENCE OF PERIODIC AND SUBHARMONIC SOLUTIONS OF SUBQUADRATIC SECOND ORDER DIFFERENCE EQUATIONS. Journal of the London Mathematical Society, 2003, 68, 419-430.	1.0	180
53	Existence of periodic and subharmonic solutions for second-order superlinear difference equations. Science in China Series A: Mathematics, 2003, 46, 506.	0.5	58