

Long Zhang

List of Publications by Year in descending order

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58
papers

1,115
citations

516561

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58
all docs

58
docs citations

58
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical analysis of a fractional-order predator-prey model incorporating a prey refuge. <i>Journal of Applied Mathematics and Computing</i> , 2017, 54, 435-449.	1.2	221
2	Stability and bifurcation analysis of a discrete predator-prey model with nonmonotonic functional response. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 2356-2377.	0.9	112
3	Stability and bifurcation analysis in a discrete SIR epidemic model. <i>Mathematics and Computers in Simulation</i> , 2014, 97, 80-93.	2.4	61
4	Global Mittag-Leffler stability of coupled system of fractional-order differential equations on network. <i>Applied Mathematics and Computation</i> , 2015, 270, 269-277.	1.4	55
5	Global synchronization between two fractional-order complex networks with non-delayed and delayed coupling via hybrid impulsive control. <i>Neurocomputing</i> , 2019, 356, 31-39.	3.5	43
6	Existence and Global Exponential Stability of Almost Periodic Solution for Cellular Neural Networks With Variable Coefficients and Time-Varying Delays. <i>IEEE Transactions on Neural Networks</i> , 2005, 16, 1340-1351.	4.8	41
7	Complete and finite-time synchronization of fractional-order fuzzy neural networks via nonlinear feedback control. <i>Fuzzy Sets and Systems</i> , 2022, 443, 50-69.	1.6	40
8	Global dynamics in a reaction-diffusion multi-group SIR epidemic model with nonlinear incidence. <i>Nonlinear Analysis: Real World Applications</i> , 2019, 50, 365-385.	0.9	38
9	Persistence and extinction of disease in non-autonomous SIRS epidemic models with disease-induced mortality. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008, 69, 2599-2614.	0.6	34
10	Global Mittag-Leffler synchronization of fractional-order delayed quaternion-valued neural networks: Direct quaternion approach. <i>Applied Mathematics and Computation</i> , 2020, 373, 125020.	1.4	33
11	Finite-time stabilization of fractional-order fuzzy quaternion-valued BAM neural networks via direct quaternion approach. <i>Journal of the Franklin Institute</i> , 2021, 358, 7650-7673.	1.9	28
12	-species non-autonomous Lotka-Volterra competitive systems with delays and impulsive perturbations. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 3152-3169.	0.9	27
13	Global Mittag-Leffler stability for a coupled system of fractional-order differential equations on network with feedback controls. <i>Neurocomputing</i> , 2016, 214, 233-241.	3.5	25
14	Non-separation method-based robust finite-time synchronization of uncertain fractional-order quaternion-valued neural networks. <i>Applied Mathematics and Computation</i> , 2021, 409, 126377.	1.4	25
15	Permanence for a delayed periodic predator-prey model with prey dispersal in multi-patches and predator density-independent. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 338, 175-193.	0.5	24
16	Parameter identification and adaptive impulsive synchronization of uncertain complex networks with nonidentical topological structures. <i>Optik</i> , 2015, 126, 5771-5776.	1.4	23
17	Stability analysis of a fractional-order predator-prey model incorporating a constant prey refuge and feedback control. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	16
18	Survival analysis for a periodic predator-prey model with prey impulsively unilateral diffusion in two patches. <i>Applied Mathematical Modelling</i> , 2011, 35, 4243-4256.	2.2	14

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19	Dynamical analysis and chaos control of a discrete SIS epidemic model. <i>Advances in Difference Equations</i> , 2014, 2014, .	3.5	14
20	TWO PATCHES IMPULSIVE DIFFUSION PERIODIC SINGLE-SPECIES LOGISTIC MODEL. <i>International Journal of Biomathematics</i> , 2010, 03, 127-141.	1.5	13
21	Complex dynamical behaviors in a discrete eco-epidemiological model with disease in prey. <i>Advances in Difference Equations</i> , 2014, 2014, .	3.5	13
22	Quasi-Synchronization and Complete Synchronization of Fractional-Order Fuzzy BAM Neural Networks Via Nonlinear Control. <i>Neural Processing Letters</i> , 2022, 54, 3303-3319.	2.0	13
23	PERMANENCE IN GENERAL NON-AUTONOMOUS LOTKA-VOLTERRA PREDATOR-PREY SYSTEMS WITH DISTRIBUTED DELAYS AND IMPULSES. <i>Journal of Biological Systems</i> , 2013, 21, 1350012.	0.5	12
24	The dynamical behavior of a predator-prey system with Gompertz growth function and impulsive dispersal of prey between two patches. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 3623-3639.	1.2	12
25	Permanence for a class of periodic time-dependent competitive system with delays and dispersal in a patchy-environment. <i>Applied Mathematics and Computation</i> , 2007, 188, 855-864.	1.4	11
26	Boundedness and permanence in a class of periodic time-dependent predator-prey system with prey dispersal and predator density-independence. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 729-739.	2.5	11
27	Permanence for General Nonautonomous Impulsive Population Systems of Functional Differential Equations and Its Applications. <i>Acta Applicandae Mathematicae</i> , 2010, 110, 1169-1197.	0.5	11
28	Anti-Synchronization and Intermittent Anti-Synchronization of Two Identical Delay Hyperchaotic Chua Systems Via Linear Control. <i>Asian Journal of Control</i> , 2017, 19, 202-214.	1.9	11
29	Global stability for a delayed HIV reactivation model with latent infection and Beddington-DeAngelis incidence. <i>Applied Mathematics Letters</i> , 2021, 117, 107047.	1.5	11
30	A parasitism-mutualism-predation model consisting of crows, cuckoos and cats with stage-structure and maturation delays on crows and cuckoos. <i>Journal of Theoretical Biology</i> , 2018, 446, 212-228.	0.8	10
31	Analysis of a general multi-group reaction-diffusion epidemic model with nonlinear incidence and temporary acquired immunity. <i>Mathematics and Computers in Simulation</i> , 2021, 182, 428-455.	2.4	10
32	Permanence for Nonautonomous N -Species Lotka-Volterra Competitive Systems with Feedback Controls. <i>Rocky Mountain Journal of Mathematics</i> , 2008, 38, .	0.2	9
33	Single species models with logistic growth and dissymmetric impulse dispersal. <i>Mathematical Biosciences</i> , 2013, 241, 188-197.	0.9	9
34	Permanence and global attractivity of an impulsive ratio-dependent predator-prey system in a patchy environment. <i>Applied Mathematics and Computation</i> , 2013, 219, 9791-9804.	1.4	8
35	Wave propagation in a nonlocal dispersal SIR epidemic model with nonlinear incidence and nonlocal distributed delays. <i>Journal of Mathematical Physics</i> , 2020, 61, 061512.	0.5	6
36	Global dynamics of a nonautonomous SEIRS epidemic model with vaccination and nonlinear incidence. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 9315-9333.	1.2	6

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37	Stability and bifurcation for a stochastic differential algebraic Holling-II predator-prey model with nonlinear harvesting and delay. <i>International Journal of Biomathematics</i> , 2021, 14, 2150019.	1.5	6
38	Quasi-projective and finite-time synchronization of delayed fractional-order BAM neural networks via quantized control. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 197-214.	1.2	6
39	PERMANENCE IN A PERIODIC PREDATOR-PREY SYSTEM WITH PREY DISPERSAL AND PREDATOR DENSITY-INDEPENDENT. <i>Journal of Biological Systems</i> , 2006, 14, 491-507.	0.5	5
40	A hybrid predator-prey model with general functional responses under seasonal succession alternating between Gompertz and logistic growth. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	5
41	Global stability for a nonautonomous reaction-diffusion predator-prey model with modified Leslie-Gower Holling-II schemes and a prey refuge. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	5
42	Dynamics in a reaction-diffusion epidemic model via environmental driven infection in heterogenous space. <i>Journal of Biological Dynamics</i> , 2022, 16, 373-396.	0.8	4
43	Global dynamics for a drug-sensitive and drug-resistant mixed strains of HIV infection model with saturated incidence and distributed delays. <i>Applied Mathematics and Computation</i> , 2021, 406, 126284.	1.4	4
44	Stability and Hopf Bifurcation of a Stage-Structured Cannibalism Model with Two Delays. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, .	0.7	4
45	Permanence for a class of periodic time-dependent predator-prey system with dispersal in a patchy-environment†. <i>Chaos, Solitons and Fractals</i> , 2008, 38, 1483-1497.	2.5	3
46	Global Behaviors of a Class of Discrete SIRS Epidemic Models with Nonlinear Incidence Rate. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-18.	0.3	3
47	A periodic single species model with intermittent unilateral diffusion in two patches. <i>Journal of Applied Mathematics and Computing</i> , 2017, 53, 223-244.	1.2	3
48	Intermittent dispersal population model with almost period parameters and dispersal delays. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2016, 21, 2011-2037.	0.5	3
49	Global stability for a class of HIV virus-to-cell dynamical model with Beddington-DeAngelis functional response and distributed time delay. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 4527-4543.	1.0	3
50	Dynamic Behaviors of Holling Type II Predator-Prey System with Mutual Interference and Impulses. <i>Discrete Dynamics in Nature and Society</i> , 2014, 2014, 1-13.	0.5	2
51	Global Stability for a Three-Species Food Chain Model in a Patchy Environment. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-5.	0.4	2
52	Single-species model under seasonal succession alternating between Gompertz and Logistic growth and impulsive perturbations. <i>GEM - International Journal on Geomathematics</i> , 2017, 8, 241-260.	0.7	2
53	A REACTION-DIFFUSION MODEL FOR NESTED WITHIN-HOST AND BETWEEN-HOST DYNAMICS IN AN ENVIRONMENTALLY-DRIVEN INFECTIOUS DISEASE. <i>Journal of Applied Analysis and Computation</i> , 2021, 11, 1898-1926.	0.2	2
54	A delayed predator-prey system with impulsive diffusion between two patches. <i>International Journal of Biomathematics</i> , 2017, 10, 1750010.	1.5	1

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55	Dynamics in a disease transmission model coupled virus infection in host with incubation delay and environmental effects. <i>Journal of Applied Mathematics and Computing</i> , 2022, 68, 4331-4359.	1.2	1
56	Spatial dynamics for an SIRE epidemic model with diffusion and prevention in contaminated environments. <i>Studies in Applied Mathematics</i> , 0, , .	1.1	1
57	Analysis of a Single Species Model with Dissymmetric Bidirectional Impulsive Diffusion and Dispersal Delay. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-11.	0.4	0
58	Coexistence for an Almost Periodic Predator-Prey Model with Intermittent Predation Driven by Discontinuous Prey Dispersal. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-15.	0.5	0