

Xiaohua

List of Publications by Year in descending order

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269
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#	ARTICLE	IF	CITATIONS
1	Synchronization of stochastic hybrid coupled systems with multi-weights and mixed delays via aperiodically adaptive intermittent control. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 35, 100819.	3.5	51
2	Synchronized stationary distribution of hybrid stochastic coupled systems with applications to coupled oscillators and a Chua's circuits network. <i>Journal of the Franklin Institute</i> , 2018, 355, 8743-8765.	3.4	36
3	Periodic solutions for a semi-ratio-dependent predator-prey system with nonmonotonic functional response and time delay. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 762-775.	1.7	33
4	A non-standard finite difference method for a hepatitis B virus infection model with spatial diffusion. <i>Journal of Difference Equations and Applications</i> , 2014, 20, 1641-1651.	1.1	30
5	A non-standard finite difference scheme for an epidemic model with vaccination. <i>Journal of Difference Equations and Applications</i> , 2013, 19, 179-190.	1.1	26
6	Convergence and stability of the semi-implicit Euler method for linear stochastic delay integro-differential equations. <i>International Journal of Computer Mathematics</i> , 2006, 83, 753-761.	1.8	21
7	Dynamics of a nonstandard finite-difference scheme for Mackey-Glass system. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 344, 932-941.	1.0	21
8	Dynamic consistent non-standard numerical scheme for a dengue disease transmission model. <i>Journal of Difference Equations and Applications</i> , 2014, 20, 492-505.	1.1	19
9	Boundary control of stochastic reaction-diffusion systems with Markovian switching. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 4129-4148.	3.7	17
10	Stochastic symplectic partitioned Runge-Kutta methods for stochastic Hamiltonian systems with multiplicative noise. <i>Applied Mathematics and Computation</i> , 2015, 252, 520-534.	2.2	15
11	Stability and bifurcation of a numerical discretization Mackey-Glass system. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 383-393.	5.1	11
12	A new stable collocation method for solving a class of nonlinear fractional delay differential equations. <i>Numerical Algorithms</i> , 2020, 85, 1123-1153.	1.9	10
13	Discrete gradient methods and linear projection methods for preserving a conserved quantity of stochastic differential equations. <i>International Journal of Computer Mathematics</i> , 2018, 95, 2511-2524.	1.8	9
14	A spectral collocation method for nonlinear fractional initial value problems with a variable-order fractional derivative. <i>Computational and Applied Mathematics</i> , 2019, 38, 1.	2.2	9
15	Local Hopf bifurcation and global existence of periodic solutions in a kind of physiological system. <i>Nonlinear Analysis: Real World Applications</i> , 2007, 8, 1459-1471.	1.7	8
16	Stability and Stabilization of Impulsive Stochastic Delay Differential Equations. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-16.	1.1	8
17	Razumikhin method to global exponential stability for coupled neutral stochastic delayed systems on networks. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 5490-5501.	2.3	8
18	The Magnus Expansion for Stochastic Differential Equations. <i>Journal of Nonlinear Science</i> , 2020, 30, 419-447.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Global Stability of Multigroup Dengue Disease Transmission Model. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-11.	0.9	7
20	Exact Finite Difference Scheme and Nonstandard Finite Difference Scheme for Burgers and Burgers-Fisher Equations. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-12.	0.9	7
21	Stability and Stabilization of Impulsive Stochastic Delay Difference Equations. <i>Discrete Dynamics in Nature and Society</i> , 2010, 2010, 1-15.	0.9	6
22	Unconditionally positivity and boundedness preserving schemes for a FitzHugh-Nagumo equation. <i>International Journal of Computer Mathematics</i> , 2015, 92, 2198-2218.	1.8	6
23	An objective algorithm for reconstructing the three-dimensional ocean temperature field based on Argo profiles and SST data. <i>Ocean Dynamics</i> , 2017, 67, 1523-1533.	2.2	6
24	An evaluation of sea surface height assimilation using along-track and gridded products based on the Regional Ocean Modeling System (ROMS) and the four-dimensional variational data assimilation. <i>Acta Oceanologica Sinica</i> , 2018, 37, 50-58.	1.0	6
25	Structure-preserving stochastic conformal exponential integrator for linearly damped stochastic differential equations. <i>Calcolo</i> , 2019, 56, 1.	1.1	6
26	The Neimark-Sacker bifurcation of $x_{n+1} = \hat{f}(x_n) + x_{n-2} + Ax_n + x_{n-3}$. <i>Journal of Difference Equations and Applications</i> , 2009, 15, 775-784.		
27	A class of new Magnus-type methods for semi-linear non-commutative Itô stochastic differential equations. <i>Numerical Algorithms</i> , 0, , 1.	1.9	4
28	Stability and bifurcation of numerical discretization of a second-order delay differential equation with negative feedback. <i>Chaos, Solitons and Fractals</i> , 2008, 35, 795-807.	5.1	3
29	Existence and convergence of Neimark-Sacker bifurcation for delay differential equations using Runge-Kutta methods. <i>International Journal of Computer Mathematics</i> , 2011, 88, 97-109.	1.8	3
30	A graph-theoretic approach to exponential stability of stochastic BAM neural networks with time-varying delays. <i>Neural Computing and Applications</i> , 2016, 27, 2055-2063.	5.6	3
31	On input-to-state stability for stochastic multi-group models with multi-dispersal. <i>Applicable Analysis</i> , 2017, 96, 2800-2817.	1.3	3
32	Stabilization of stochastic Markovian switching systems on networks with multilinks based on aperiodically intermittent control: A new differential inequality technique. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 373-396.	3.7	3
33	Global exponential stability of multi-group models with multiple dispersal and stochastic perturbation based on graph-theoretic approach. <i>Filomat</i> , 2017, 31, 5125-5138.	0.5	3
34	Convergence Aspects of Step-Parallel Iteration of Runge-Kutta Methods for Delay Differential Equations. <i>BIT Numerical Mathematics</i> , 2002, 42, 508-518.	2.0	3
35	Implicit Runge-Kutta methods based on Radau quadrature formula. <i>International Journal of Computer Mathematics</i> , 2009, 86, 1394-1404.	1.8	2
36	Survival Analysis of a Nonautonomous Logistic Model with Stochastic Perturbation. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-21.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Permanence and Extinction of a Stochastic Delay Logistic Model with Jumps. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-8.	1.1	2
38	Persistence and extinction of a stochastic Gilpin-Ayala model with jumps. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 1200-1211.	2.3	2
39	A graph-theoretic approach to exponential stability of BAM neural networks with delays and reaction-diffusion. <i>Applicable Analysis</i> , 2015, 94, 2037-2056.	1.3	2
40	A nonstandard finite difference scheme for an advection-diffusion-reaction equation. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 3308-3321.	2.3	2
41	Multi-symplectic variational integrators for the Gross-Pitaevskii equations in BEC. <i>Applied Mathematics Letters</i> , 2016, 60, 120-125.	2.7	2
42	Conservative difference scheme for fractional Zakharov system and convergence analysis. <i>International Journal of Computer Mathematics</i> , 2021, 98, 1474-1494.	1.8	2
43	A stable minimal search method for solving multi-order fractional differential equations based on reproducing kernel space. <i>Numerical Algorithms</i> , 2021, 87, 1707-1727.	1.9	2
44	A minimal search method for solving fractional integro-differential equations based on modified Legendre multiwavelets. <i>Journal of Applied Mathematics and Computing</i> , 2022, 68, 1467-1483.	2.5	2
45	Numerical bifurcation of a delayed diffusive food-limited model with Dirichlet boundary condition. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 2888-2900.	2.3	1
46	Boundedness of Stochastic Delay Differential Systems with Impulsive Control and Impulsive Disturbance. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-8.	1.1	1
47	An Efficient T-S Assimilation Strategy Based on the Developed Argo-Extending Algorithm. <i>Advances in Meteorology</i> , 2017, 2017, 1-9.	1.6	1
48	Dissipativity of \hat{I}_τ -methods for a class of advection-reaction-diffusion equations with both fixed and distributed delays. <i>International Journal of Computer Mathematics</i> , 2018, 95, 1672-1687.	1.8	1
49	A compact ADI Crank-Nicolson difference scheme for the two-dimensional time fractional subdiffusion equation. <i>International Journal of Computer Mathematics</i> , 2018, 95, 2525-2538.	1.8	1
50	An hp -version spectral collocation method for multi-term nonlinear fractional initial value problems with variable-order fractional derivatives. <i>International Journal of Computer Mathematics</i> , 2021, 98, 975-998.	1.8	1
51	The parallel waveform relaxation stochastic Runge-Kutta method for stochastic differential equations. <i>Journal of Applied Mathematics and Computing</i> , 2021, 66, 439-463.	2.5	1
52	Convergence analysis of the hp -version spectral collocation method for a class of nonlinear variable-order fractional differential equations. <i>Applied Numerical Mathematics</i> , 2021, 170, 269-297.	2.1	1
53	Dynamics of a Nonstandard Finite-Difference Scheme for a Limit Cycle Oscillator with Delayed Feedback. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-11.	0.9	0
54	A spectral collocation method for nonlinear fractional initial value problems with nonsmooth solutions. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1185-1206.	2.3	0