

Sambath

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

139
citations

1307594

7
h-index

1199594

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20
all docs

20
docs citations

20
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Patterns in a Predator–Prey Model with Cross-Diffusion Effect. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1830004.	1.7	24
2	Asymptotic Behavior of the Fractional Order three Species Prey–Predator Model. International Journal of Nonlinear Sciences and Numerical Simulation, 2018, 19, 721-733.	1.0	19
3	Stability analysis of the fractional-order prey-predator model with infection. International Journal of Modelling and Simulation, 2021, 41, 434-450.	3.3	18
4	Stability and Hopf bifurcation of a diffusive predator–prey model with predator saturation and competition. Applicable Analysis, 2013, 92, 2439-2456.	1.3	17
5	Stability and Hopf bifurcation analysis of a diffusive predator–prey model with Smith growth. International Journal of Biomathematics, 2015, 08, 1550013.	2.9	12
6	Analysis of Stochastic Predator-Prey Model with Disease in the Prey and Holling Type II Functional Response. Advances in Mathematical Physics, 2020, 2020, 1-17.	0.8	12
7	Runge-Kutta Nystrom Method of Order Three for Solving Fuzzy Differential Equations. Computational Methods in Applied Mathematics, 2010, 10, 195-203.	0.8	8
8	Bifurcations in a diffusive predator–prey model with predator saturation and competition response. Mathematical Methods in the Applied Sciences, 2015, 38, 785-798.	2.3	7
9	Laplace Adomian decomposition method for solving a fish farm model. Nonautonomous Dynamical Systems, 2016, 3, 104-111.	0.7	7
10	Hopf bifurcation and synchronisation of a fractional-order butterfly-fish chaotic system. Journal of Control and Decision, 2022, 9, 117-128.	1.6	3
11	Qualitative Analysis for a Phytoplankton-Zooplankton Model with Allee Effect and Holling Type II Response. Discontinuity, Nonlinearity, and Complexity, 2021, 10, 1-18.	0.2	2
12	Analysis on stochastic predator-prey model with distributed delay. Random Operators and Stochastic Equations, 2021, 29, 97-110.	0.1	2
13	The threshold for a stochastic within-host CHIKV virus model with saturated incidence rate. International Journal of Biomathematics, 2021, 14, 2150042.	2.9	2
14	Modeling and numerical simulations for a prey–predator model with interference among predators. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 12, 2050065.	1.4	1
15	Modeling and simulations of a Zika virus as a mosquito-borne transmitted disease with environmental fluctuations. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, ,	1.0	1
16	Analysis of Stochastic Diffusive Predator Prey Model with Hyperbolic Mortality Rate. Discontinuity, Nonlinearity, and Complexity, 2016, 5, 223-237.	0.2	1
17	Influence of Diffusion on Bio-chemical Reaction of the Morphogenesis Process. Journal of Applied Nonlinear Dynamics, 2015, 4, 181-195.	0.3	1
18	Stability and Bifurcation Analysis of Three Species Predator-Prey Model with Holling Type II. Discontinuity, Nonlinearity, and Complexity, 2019, 8, 127-144.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Bifurcation on diffusive Hollingâ€™Tanner predatorâ€™prey model with stoichiometric density dependence. <i>Nonlinear Analysis: Modelling and Control</i> , 2020, 25, .	1.6	1
20	Stationary distribution and long-time behavior of COVID-19 model with stochastic effect. <i>International Journal of Biomathematics</i> , 0, , .	2.9	0