

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163 papers	4,645 citations	33 h-index	64 g-index
172 ext. papers	5,538 ext. citations	3.2 avg, IF	6.37 L-index

#	Paper	IF	Citations
163	Estimation of the Transmission Risk of the 2019-nCoV and Its Implication for Public Health Interventions. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	707
162	An updated estimation of the risk of transmission of the novel coronavirus (2019-nCov). <i>Infectious Disease Modelling</i> , <b>2020</b> , 5, 248-255	15.7	378
161	Density-dependent birth rate, birth pulses and their population dynamic consequences. <i>Journal of Mathematical Biology</i> , <b>2002</b> , 44, 185-99	2	237
160	Integrated pest management models and their dynamical behaviour. <i>Bulletin of Mathematical Biology</i> , <b>2005</b> , 67, 115-35	2.1	172
159	State-dependent impulsive models of integrated pest management (IPM) strategies and their dynamic consequences. <i>Journal of Mathematical Biology</i> , <b>2005</b> , 50, 257-92	2	156
158	The effectiveness of quarantine and isolation determine the trend of the COVID-19 epidemics in the final phase of the current outbreak in China. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 95, 288-293	10.5	138
157	Models for integrated pest control and their biological implications. <i>Mathematical Biosciences</i> , <b>2008</b> , 215, 115-25	3.9	104
156	A discrete stochastic model of the COVID-19 outbreak: Forecast and control. <i>Mathematical Biosciences and Engineering</i> , <b>2020</b> , 17, 2792-2804	2.1	102
155	Media impact switching surface during an infectious disease outbreak. <i>Scientific Reports</i> , <b>2015</b> , 5, 7838	4.9	97
154	Dynamics of an infectious diseases with media/psychology induced non-smooth incidence. <i>Mathematical Biosciences and Engineering</i> , <b>2013</b> , 10, 445-61	2.1	84
153	Sliding Bifurcations of Filippov Two Stage Pest Control Models with Economic Thresholds. <i>SIAM Journal on Applied Mathematics</i> , <b>2012</b> , 72, 1061-1080	1.8	82
152	Optimum timing for integrated pest management: modelling rates of pesticide application and natural enemy releases. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 264, 623-38	2.3	82
151	Multiple attractors of host-parasitoid models with integrated pest management strategies: eradication, persistence and outbreak. <i>Theoretical Population Biology</i> , <b>2008</b> , 73, 181-97	1.2	70
150	Sliding mode control of outbreaks of emerging infectious diseases. <i>Bulletin of Mathematical Biology</i> , <b>2012</b> , 74, 2403-22	2.1	69
149	Modelling and analysis of integrated pest management strategy. <i>Discrete and Continuous Dynamical Systems - Series B</i> , <b>2004</b> , 4, 759-768	1.3	68
148	Multiple attractors in stage-structured population models with birth pulses. <i>Bulletin of Mathematical Biology</i> , <b>2003</b> , 65, 479-95	2.1	62
147	The effect of seasonal harvesting on stage-structured population models. <i>Journal of Mathematical Biology</i> , <b>2004</b> , 48, 357-74	2	59

146	Community-based measures for mitigating the 2009 H1N1 pandemic in China. <i>PLoS ONE</i> , <b>2010</b> , 5, e109113, 7	58
145	Chaos in functional response host-parasitoid ecosystem models. <i>Chaos, Solitons and Fractals</i> , <b>2002</b> , 13, 875-884	9.3 57
144	Holling II predator-prey impulsive semi-dynamic model with complex Poincaré map. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 1575-1596	5 52
143	Threshold conditions for integrated pest management models with pesticides that have residual effects. <i>Journal of Mathematical Biology</i> , <b>2013</b> , 66, 1-35	2 50
142	Global qualitative analysis of a non-smooth Gause predator-prey model with a refuge. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2013</b> , 76, 165-180	1.3 50
141	Global attractivity in a food-limited population model with impulsive effects. <i>Journal of Mathematical Analysis and Applications</i> , <b>2004</b> , 292, 211-221	1.1 47
140	Mathematical analysis of an HIV latent infection model including both virus-to-cell infection and cell-to-cell transmission. <i>Journal of Biological Dynamics</i> , <b>2017</b> , 11, 455-483	2.4 46
139	Dynamics of infection with nonlinear incidence in a simple vaccination model. <i>Nonlinear Analysis: Real World Applications</i> , <b>2010</b> , 11, 4154-4163	2.1 43
138	Campus quarantine (Fengxiao) for curbing emergent infectious diseases: lessons from mitigating A/H1N1 in Xi'an, China. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 295, 47-58	2.3 42
137	Modeling antiretroviral drug responses for HIV-1 infected patients using differential equation models. <i>Advanced Drug Delivery Reviews</i> , <b>2013</b> , 65, 940-53	18.5 42
136	Dynamical analysis of plant disease models with cultural control strategies and economic thresholds. <i>Mathematics and Computers in Simulation</i> , <b>2010</b> , 80, 894-921	3.3 42
135	Media coverage and hospital notifications: Correlation analysis and optimal media impact duration to manage a pandemic. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 390, 1-13	2.3 40
134	Measuring the impact of air pollution on respiratory infection risk in China. <i>Environmental Pollution</i> , <b>2018</b> , 232, 477-486	9.3 39
133	New modelling approach concerning integrated disease control and cost-effectivity. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2005</b> , 63, 439-471	1.3 38
132	One-compartment model with Michaelis-Menten elimination kinetics and therapeutic window: an analytical approach. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2007</b> , 34, 807-27	2.7 34
131	Piecewise HIV virus dynamic model with CD4(+) T cell count-guided therapy: I. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 308, 123-34	2.3 33
130	Global analysis of a Holling type II predator-prey model with a constant prey refuge. <i>Nonlinear Dynamics</i> , <b>2014</b> , 76, 635-647	5 33
129	Predicting the HIV/AIDS epidemic and measuring the effect of mobility in mainland China. <i>Journal of Theoretical Biology</i> , <b>2013</b> , 317, 271-85	2.3 32

128	Global dynamics of a state-dependent feedback control system. <i>Advances in Difference Equations</i> , <b>2015</b> , 2015,	3.6	32
127	An integrated pest management model with delayed responses to pesticide applications and its threshold dynamics. <i>Nonlinear Analysis: Real World Applications</i> , <b>2012</b> , 13, 2352-2374	2.1	31
126	Modeling the impact on HIV incidence of combination prevention strategies among men who have sex with men in Beijing, China. <i>PLoS ONE</i> , <b>2014</b> , 9, e90985	3.7	31
125	Dynamic complexities in predator-prey ecosystem models with age-structure for predator. <i>Chaos, Solitons and Fractals</i> , <b>2002</b> , 14, 1403-1411	9.3	30
124	THE PERIODIC PREDATOR-PREY LOTKA-VOLTERRA MODEL WITH IMPULSIVE EFFECT. <i>Journal of Mechanics in Medicine and Biology</i> , <b>2002</b> , 02, 267-296	0.7	30
123	Transmission potential of the novel avian influenza A(H7N9) infection in mainland China. <i>Journal of Theoretical Biology</i> , <b>2014</b> , 352, 1-5	2.3	29
122	Optimal dosage and economic threshold of multiple pesticide applications for pest control. <i>Mathematical and Computer Modelling</i> , <b>2010</b> , 51, 487-503		29
121	Global dynamic analysis of a vector-borne plant disease model. <i>Advances in Difference Equations</i> , <b>2014</b> , 2014,	3.6	28
120	Holling type II predator-prey model with nonlinear pulse as state-dependent feedback control. <i>Journal of Computational and Applied Mathematics</i> , <b>2016</b> , 291, 225-241	2.4	27
119	Modelling weekly vector control against Dengue in the Guangdong Province of China. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 410, 65-76	2.3	27
118	Analytical methods for detecting pesticide switches with evolution of pesticide resistance. <i>Mathematical Biosciences</i> , <b>2013</b> , 245, 249-57	3.9	27
117	QUASIPERIODIC SOLUTIONS AND CHAOS IN A PERIODICALLY FORCED PREDATOR-PREY MODEL WITH AGE STRUCTURE FOR PREDATOR. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2003</b> , 13, 973-980	2	27
116	Optimal impulsive harvesting on non-autonomous Beverton-Holt difference equations. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2006</b> , 65, 2311-2341	1.3	26
115	Models to assess how best to replace dengue virus vectors with Wolbachia-infected mosquito populations. <i>Mathematical Biosciences</i> , <b>2015</b> , 269, 164-77	3.9	25
114	Models for determining how many natural enemies to release inoculatively in combinations of biological and chemical control with pesticide resistance. <i>Journal of Mathematical Analysis and Applications</i> , <b>2015</b> , 422, 1479-1503	1.1	20
113	A Feedback Control Model of Comprehensive Therapy for Treating Immunogenic Tumours. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2016</b> , 26, 1650039	2	20
112	Impact of media reports on the early spread of COVID-19 epidemic. <i>Journal of Theoretical Biology</i> , <b>2020</b> , 502, 110385	2.3	19
111	Effects of predator and prey dispersal on success or failure of biological control. <i>Bulletin of Mathematical Biology</i> , <b>2009</b> , 71, 2025-47	2.1	19

110	A stage structured mosquito model incorporating effects of precipitation and daily temperature fluctuations. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 411, 27-36	2.3	19
109	Birth-pulse models of Wolbachia-induced cytoplasmic incompatibility in mosquitoes for dengue virus control. <i>Nonlinear Analysis: Real World Applications</i> , <b>2015</b> , 22, 236-258	2.1	18
108	Vaccination threshold size and backward bifurcation of SIR model with state-dependent pulse control. <i>Journal of Theoretical Biology</i> , <b>2018</b> , 455, 75-85	2.3	18
107	Effects of limited medical resource on a Filippov infectious disease model induced by selection pressure. <i>Applied Mathematics and Computation</i> , <b>2016</b> , 283, 339-354	2.7	18
106	Dynamics of an HIV Model with Multiple Infection Stages and Treatment with Different Drug Classes. <i>Bulletin of Mathematical Biology</i> , <b>2016</b> , 78, 322-49	2.1	17
105	Global stability and sliding bifurcations of a non-smooth Gause predator-prey system. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 224, 9-20	2.7	17
104	Modelling disease spread in dispersal networks at two levels. <i>Mathematical Medicine and Biology</i> , <b>2011</b> , 28, 227-44	1.3	17
103	Modeling the Effects of Augmentation Strategies on the Control of Dengue Fever With an Impulsive Differential Equation. <i>Bulletin of Mathematical Biology</i> , <b>2016</b> , 78, 1968-2010	2.1	17
102	Modelling pulsed immunotherapy of tumour-immune interaction. <i>Mathematics and Computers in Simulation</i> , <b>2015</b> , 109, 92-112	3.3	15
101	A general model of hormesis in biological systems and its application to pest management. <i>Journal of the Royal Society Interface</i> , <b>2019</b> , 16, 20190468	4.1	15
100	Adaptive release of natural enemies in a pest-natural enemy system with pesticide resistance. <i>Bulletin of Mathematical Biology</i> , <b>2013</b> , 75, 2167-95	2.1	15
99	Model Selection and Evaluation Based on Emerging Infectious Disease Data Sets including A/H1N1 and Ebola. <i>Computational and Mathematical Methods in Medicine</i> , <b>2015</b> , 2015, 207105	2.8	15
98	The effects of impulsive releasing methods of natural enemies on pest control and dynamical complexity. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2011</b> , 5, 540-553	4.5	15
97	Stochastic Modelling of Air Pollution Impacts on Respiratory Infection Risk. <i>Bulletin of Mathematical Biology</i> , <b>2018</b> , 80, 3127-3153	2.1	15
96	Lessons drawn from China and South Korea for managing COVID-19 epidemic: insights from a comparative modeling study		14
95	Existence of multiple sliding segments and bifurcation analysis of Filippov prey-predator model. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 239, 265-284	2.7	13
94	THE EFFECTS OF TIMING OF PULSE SPRAYING AND RELEASING PERIODS ON DYNAMICS OF GENERALIZED PREDATOR-PREY MODEL. <i>International Journal of Biomathematics</i> , <b>2012</b> , 05, 1250012	1.8	13
93	Joint impacts of media, vaccination and treatment on an epidemic Filippov model with application to COVID-19. <i>Journal of Theoretical Biology</i> , <b>2021</b> , 523, 110698	2.3	13

92	Linking key intervention timing to rapid decline of the COVID-19 effective reproductive number to quantify lessons from mainland China. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 97, 296-298	10.5	12
91	Optimal timing of interventions in fishery resource and pest management. <i>Nonlinear Analysis: Real World Applications</i> , <b>2012</b> , 13, 1630-1646	2.1	12
90	Robust stability analysis of impulsive complex-valued neural networks with time delays and parameter uncertainties. <i>Journal of Inequalities and Applications</i> , <b>2017</b> , 2017, 215	2.1	12
89	Effects of population dispersal and impulsive control tactics on pest management. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2009</b> , 3, 487-500	4.5	12
88	Impact of Hospital Bed Shortages on the Containment of COVID-19 in Wuhan. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	12
87	A stochastic SIS model driven by random diffusion of air pollutants. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 532, 121759	3.3	11
86	Codimension-1 Sliding Bifurcations of a Filippov Pest Growth Model with Threshold Policy. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2014</b> , 24, 1450122	2	11
85	Modelling the regulatory system for diabetes mellitus with a threshold window. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 22, 478-491	3.7	10
84	Beverton-Holt discrete pest management models with pulsed chemical control and evolution of pesticide resistance. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2016</b> , 36, 327-341	3.7	10
83	Nonlinear state-dependent feedback control of a pest-natural enemy system. <i>Nonlinear Dynamics</i> , <b>2018</b> , 94, 2243-2263	5	10
82	The Effects of Resource Limitation on a Predator-Prey Model with Control Measures as Nonlinear Pulses. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-13	1.1	10
81	Dynamics of high-order BAM neural networks with and without impulses. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 215, 2120-2133	2.7	10
80	Stochastic discrete epidemic modeling of COVID-19 transmission in the Province of Shaanxi incorporating public health intervention and case importation		10
79	Lessons drawn from China and South Korea for managing COVID-19 epidemic: insights from a comparative modeling study		10
78	Modelling and Analyzing Virus Mutation Dynamics of Chikungunya Outbreaks. <i>Scientific Reports</i> , <b>2019</b> , 9, 2860	4.9	9
77	Discrete Switching Host-Parasitoid Models with Integrated Pest Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2014</b> , 24, 1450114	2	9
76	A combination of climatic conditions determines major within-season dengue outbreaks in Guangdong Province, China. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 45	4	8
75	Models to assess the effects of non-identical sex ratio augmentations of Wolbachia-carrying mosquitoes on the control of dengue disease. <i>Mathematical Biosciences</i> , <b>2018</b> , 299, 58-72	3.9	8



74	The regulatory system for diabetes mellitus: Modeling rates of glucose infusions and insulin injections. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2016</b> , 37, 305-325	3.7	8
73	The selection pressures induced non-smooth infectious disease model and bifurcation analysis. <i>Chaos, Solitons and Fractals</i> , <b>2014</b> , 69, 160-171	9.3	8
72	DYNAMIC COMPLEXITY OF A PREDATOR-PREY MODEL FOR IPM WITH NONLINEAR IMPULSIVE CONTROL INCORPORATING A REGULATORY FACTOR FOR PREDATOR RELEASES. <i>Mathematical Modelling and Analysis</i> , <b>2019</b> , 24, 134-154	1.3	8
71	On the continuity of the function describing the times of meeting impulsive set and its application. <i>Mathematical Biosciences and Engineering</i> , <b>2017</b> , 14, 1399-1406	2.1	8
70	A reaction-diffusion population growth equation with multiple pulse perturbations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2019</b> , 74, 122-137	3.7	7
69	On impulsive pest control using integrated intervention strategies. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 269, 930-946	2.7	7
68	Complex dynamics and switching transients in periodically forced Filippov prey-predator system. <i>Chaos, Solitons and Fractals</i> , <b>2014</b> , 61, 13-23	9.3	7
67	Modelling the regulatory system of a chemostat model with a threshold window. <i>Mathematics and Computers in Simulation</i> , <b>2017</b> , 132, 220-235	3.3	7
66	Early HAART Initiation May Not Reduce Actual Reproduction Number and Prevalence of MSM Infection: Perspectives from Coupled within- and between-Host Modelling Studies of Chinese MSM Populations. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150513	3.7	7
65	Bifurcation Analysis of a Generalized Impulsive Kolmogorov Model With Applications to Pest and Disease Control. <i>SIAM Journal on Applied Mathematics</i> , <b>2020</b> , 80, 1796-1819	1.8	7
64	Data informed analysis of 2014 dengue fever outbreak in Guangzhou: Impact of multiple environmental factors and vector control. <i>Journal of Theoretical Biology</i> , <b>2017</b> , 416, 161-179	2.3	6
63	Filippov Ratio-Dependent Prey-Predator Model with Threshold Policy Control. <i>Abstract and Applied Analysis</i> , <b>2013</b> , 2013, 1-11	0.7	6
62	Impulsive harvesting and by-catch mortality for the theta logistic model. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 9412-9423	2.7	6
61	Bayesian inference for a stochastic logistic model with switching points. <i>Ecological Modelling</i> , <b>2008</b> , 219, 153-169	3	6
60	The effect of initial density and parasitoid intergenerational survival rate on classical biological control. <i>Chaos, Solitons and Fractals</i> , <b>2008</b> , 37, 1048-1058	9.3	6
59	Periodic Solution Bifurcation and Spiking Dynamics of Impacting Predator-Prey Dynamical Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2018</b> , 28, 1850147	2	6
58	A Holling Type II Pest and Natural Enemy Model with Density Dependent IPM Strategy. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-12	1.1	5
57	Global dynamics of a nonlinear state-dependent feedback control ecological model with a multiple-hump discrete map. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2019</b> , 79, 104900	3.7	5

56	Predator-prey population models of migrant insects with phase change. <i>ICES Journal of Marine Science</i> , <b>2014</b> , 71, 2221-2230	2.7	5
55	Nonlinear Pulse Vaccination in an SIR Epidemic Model with Resource Limitation. <i>Abstract and Applied Analysis</i> , <b>2013</b> , 2013, 1-13	0.7	5
54	A Locust Phase Change Model with Multiple Switching States and Random Perturbation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2016</b> , 26, 1630037	2	5
53	Cumulative effects of incorrect use of pesticides can lead to catastrophic outbreaks of pests. <i>Chaos, Solitons and Fractals</i> , <b>2017</b> , 100, 7-19	9.3	4
52	Personalized life expectancy and treatment benefit index of antiretroviral therapy. <i>Theoretical Biology and Medical Modelling</i> , <b>2017</b> , 14, 1	2.3	4
51	Effects of medical resource capacities and intensities of public mitigation measures on outcomes of COVID-19 outbreaks. <i>BMC Public Health</i> , <b>2021</b> , 21, 605	4.1	4
50	The risk of future waves of COVID-19: modeling and data analysis. <i>Mathematical Biosciences and Engineering</i> , <b>2021</b> , 18, 5409-5426	2.1	4
49	Impacts of varying strengths of intervention measures on secondary outbreaks of COVID-19 in two different regions. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 1-20	5	4
48	Threshold Dynamics and Bifurcation of a State-Dependent Feedback Nonlinear Control Susceptible-Infected-Recovered Model1. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2019</b> , 14,	1.4	3
47	Duality in Phase Space and Complex Dynamics of an Integrated Pest Management Network Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2015</b> , 25, 1550103	2	3
46	The Impulsive Model with Pest Density and Its Change Rate Dependent Feedback Control. <i>Discrete Dynamics in Nature and Society</i> , <b>2020</b> , 2020, 1-20	1.1	3
45	Robust stability analysis of impulsive complex-valued neural networks with mixed time delays and parameter uncertainties. <i>Advances in Difference Equations</i> , <b>2018</b> , 2018,	3.6	3
44	The State-Dependent Impulsive Model with Action Threshold Depending on the Pest Density and Its Changing Rate. <i>Complexity</i> , <b>2019</b> , 2019, 1-15	1.6	3
43	A stochastic differential equation model for pest management. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	3
42	The challenges of the coming mass vaccination and exit strategy in prevention and control of COVID-19, a modelling study		3
41	A stochastic epidemic model coupled with seasonal air pollution: analysis and data fitting. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2020</b> , 34, 2245-2257	3.5	3
40	Pure Bt-crop and mixed seed sowing strategies for optimal economic profit in the face of pest resistance to pesticides and Bt-corn. <i>Applied Mathematics and Computation</i> , <b>2016</b> , 283, 6-21	2.7	3
39	Air quality index induced nonsmooth system for respiratory infection. <i>Journal of Theoretical Biology</i> , <b>2019</b> , 460, 160-169	2.3	3



38	Assessing effects of reopening policies on COVID-19 pandemic in Texas with a data-driven transmission model. <i>Infectious Disease Modelling</i> , <b>2021</b> , 6, 461-473	15.7	3
37	Assessing Age-Specific Vaccination Strategies and Post-Vaccination Reopening Policies for COVID-19 Control Using SEIR Modeling Approach		3
36	A multiscale model on hospital infections coupling macro and micro dynamics. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2017</b> , 50, 256-270	3.7	2
35	Multiscale modelling the effects of CI genetic evolution in mosquito population on the control of dengue fever. <i>Scientific Reports</i> , <b>2017</b> , 7, 13895	4.9	2
34	Identifying Risk Factors Of A(H7N9) Outbreak by Wavelet Analysis and Generalized Estimating Equation. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	2
33	Declining trend in HIV new infections in Guangxi, China: insights from linking reported HIV/AIDS cases with CD4-at-diagnosis data. <i>BMC Public Health</i> , <b>2020</b> , 20, 919	4.1	2
32	Generalized Predator-Prey Model with Nonlinear Impulsive Control Strategy. <i>Journal of Applied Mathematics</i> , <b>2014</b> , 2014, 1-11	1.1	2
31	Two Generalized Predator-Prey Models for Integrated Pest Management with Stage Structure and Disease in the Prey Population. <i>Abstract and Applied Analysis</i> , <b>2013</b> , 2013, 1-13	0.7	2
30	The effect of delayed host self-regulation on host-pathogen population cycles in forest insects. <i>Journal of Theoretical Biology</i> , <b>2009</b> , 258, 240-9	2.3	2
29	Controlling multiple COVID-19 epidemic waves: an insight from a multi-scale model linking the behavior change dynamics to the disease transmission dynamics		2
28	Complex Dynamics of a Filippov Three-Species Food Chain Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2021</b> , 31, 2150074	2	2
27	Complex dynamics and bifurcation analysis of host-parasitoid models with impulsive control strategy. <i>Chaos, Solitons and Fractals</i> , <b>2016</b> , 91, 522-532	9.3	2
26	Analyzing a generalized pest-natural enemy model with nonlinear impulsive control. <i>Open Mathematics</i> , <b>2018</b> , 16, 1390-1411	0.8	2
25	Lessons drawn from China and South Korea for managing COVID-19 epidemic: Insights from a comparative modeling study.. <i>ISA Transactions</i> , <b>2021</b> ,	5.5	2
24	Coupling the Macroscale to the Microscale in a Spatiotemporal Context to Examine Effects of Spatial Diffusion on Disease Transmission. <i>Bulletin of Mathematical Biology</i> , <b>2020</b> , 82, 58	2.1	1
23	Travelling waves and paradoxical effects in a discrete-time growth-dispersal model. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 59, 132-146	4.5	1
22	The reverse effects of random perturbation on discrete systems for single and multiple population models. <i>Chaos, Solitons and Fractals</i> , <b>2016</b> , 91, 198-209	9.3	1
21	Qualitative Analysis of a Quadratic Integrate-and-Fire Neuron Model with State-Dependent Feedback Control. <i>Discrete Dynamics in Nature and Society</i> , <b>2015</b> , 2015, 1-12	1.1	1

20	Optimal Application Timing of Pest Control Tactics in Nonautonomous Pest Growth Model. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-12	0.7	1
19	Stability and Hopf Bifurcation Analysis for a Stage-Structured Predator-Prey Model with Discrete and Distributed Delays. <i>Journal of Applied Mathematics</i> , <b>2013</b> , 2013, 1-10	1.1	1
18	A COMPARISON INVESTIGATION OF THE SIMPLEST MODELS OF CIRCADIAN RHYTHMS. <i>International Journal of Biomathematics</i> , <b>2008</b> , 01, 75-93	1.8	1
17	Linearized oscillations in nonlinear delay difference equations. <i>Acta Mathematica Sinica, English Series</i> , <b>1999</b> , 15, 569-574	0.6	1
16	A Universal Delayed Difference Model Fitting Dose-response Curves.. <i>Dose-Response</i> , <b>2021</b> , 19, 155932582311062785	3.1	1
15	Complex dynamics and coexistence of period-doubling and period-halving bifurcations in an integrated pest management model with nonlinear impulsive control. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	1
14	Bifurcation analysis of an ecological model with nonlinear state-dependent feedback control by Poincaré map defined in phase set. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2022</b> , 108, 106212	3.7	1
13	Evidence for a Causal Relationship between the Solar Cycle and Locust Abundance. <i>Agronomy</i> , <b>2021</b> , 11, 69	3.6	1
12	A discrete host-parasitoid model with development of pesticide resistance and IPM strategies. <i>Journal of Biological Dynamics</i> , <b>2018</b> , 12, 1059-1078	2.4	1
11	Holling-Tanner Predator-Prey Model with State-Dependent Feedback Control. <i>Discrete Dynamics in Nature and Society</i> , <b>2018</b> , 2018, 1-18	1.1	1
10	Non-smooth ecological systems with a switching threshold depending on the pest density and its rate of change. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2021</b> , 42, 101094	4.5	1
9	Dynamics of a density-dependent predator-prey biological system with nonlinear impulsive control. <i>Mathematical Biosciences and Engineering</i> , <b>2021</b> , 18, 7318-7343	2.1	1
8	Models to assess imported cases on the rebound of COVID-19 and design a long-term border control strategy in Heilongjiang Province, China.. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 1-33	2.1	0
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6	Statistical analysis of one-compartment pharmacokinetic models with drug adherence. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2021</b> , 1	2.7	0
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1	Dynamics of an Antitumour Model with Pulsed Radioimmunotherapy. <i>Computational and Mathematical Methods in Medicine</i> , <b>2022</b> , 2022, 1-19	2.8