

Kaifa Wang

List of Publications by Year in Descending Order

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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.

53
papers

880
citations

13
h-index

29
g-index

55
ext. papers

1,017
ext. citations

2.7
avg, IF

4.18
L-index

#	Paper	IF	Citations
53	A switching dynamic model based on phased COVID-19 data in Chongqing and its evaluation.. <i>Infection, Genetics and Evolution</i> , 2022 , 105270	4.5	
52	Adaptive Weighted Neighbors Method for Sensitivity Analysis.. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2022 , 1	3.5	
51	Dynamics of a stochastic HBV infection model with drug therapy and immune response. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 7570-7585	2.1	0
50	An Algorithm for Gene Fragment Reconstruction. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 118-127	3.5	
49	Interaction between gender and post resuscitation interventions on neurological outcome in an asphyxial rat model of cardiac arrest. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 441	2.3	2
48	Sirolimus as Rescue Therapy for Refractory/Relapsed Immune Thrombocytopenia: Results of a Single-Center, Prospective, Single-Arm Study. <i>Frontiers in Medicine</i> , 2020 , 7, 110	4.9	9
47	Evaluation of prevention and control interventions and its impact on the epidemic of coronavirus disease 2019 in Chongqing and Guizhou Provinces. <i>Mathematical Biosciences and Engineering</i> , 2020 , 17, 2781-2791	2.1	8
46	Coexistence and extinction in a data-based ratio-dependent model of an insect community. <i>Mathematical Biosciences and Engineering</i> , 2020 , 17, 3274-3293	2.1	
45	Hepatitis B Surface Antigen (HBsAg) Kinetics in Chronic Hepatitis B Patients during Peginterferon Treatment. <i>Medical Science Monitor</i> , 2020 , 26, e921487	3.2	
44	Dynamics of a stochastic HBV infection model with cell-to-cell transmission and immune response. <i>Mathematical Biosciences and Engineering</i> , 2020 , 18, 616-642	2.1	5
43	Epidemics and underlying factors of multiple-peak pattern on hand, foot and mouth disease in Wenzhou, China. <i>Mathematical Biosciences and Engineering</i> , 2019 , 16, 2168-2188	2.1	6
42	Effect of explicit dynamics of free virus and intracellular delay. <i>Chaos, Solitons and Fractals</i> , 2017 , 104, 827-834	9.3	1
41	A novel use of hill function and utility of 99mTc-MIBI scintigraphy to detect earlier lower extremity microvascular perfusion in patients with type 2 diabetes. <i>Medicine (United States)</i> , 2017 , 96, e8038	1.8	1
40	Evaluation of a WeChat-based dementia-specific training program for nurses in primary care settings: A randomized controlled trial. <i>Applied Nursing Research</i> , 2017 , 38, 51-59	1.8	19
39	Simulating the potential role of media coverage and infected bats in the 2014 Ebola outbreak. <i>Journal of Theoretical Biology</i> , 2017 , 412, 123-129	2.3	7
38	Global dynamics of a viral infection model with full logistic terms and antiviral treatments. <i>International Journal of Biomathematics</i> , 2017 , 10, 1750012	1.8	5
37	Global dynamics of a delay virus model with recruitment and saturation effects of immune responses. <i>Mathematical Biosciences and Engineering</i> , 2017 , 14, 1233-1246	2.1	0

36	Minimal wave speed for a class of non-cooperative diffusion-reaction system. <i>Journal of Differential Equations</i> , 2016 , 260, 2763-2791	2.1	36
35	A Grouped Up-and-Down Method Used for Efficacy Comparison Between Two Different Defibrillation Waveforms. <i>IEEE Transactions on Biomedical Engineering</i> , 2016 , 63, 385-91	5	2
34	Dynamics of a diffusive age-structured HBV model with saturating incidence. <i>Mathematical Biosciences and Engineering</i> , 2016 , 13, 935-968	2.1	8
33	TRANSMISSION DYNAMICS AND THE CONTROL OF HEPATITIS B IN CHINA: A POPULATION DYNAMICS VIEW. <i>Journal of Applied Analysis and Computation</i> , 2016 , 6, 76-93	0.4	1
32	The Role of Targeted Temperature Management in Adult Patients Resuscitated from Nonshockable Cardiac Arrests: An Updated Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2016 , 2016, 2350974	3	3
31	Depressive symptoms among children and adolescents in western china: An epidemiological survey of prevalence and correlates. <i>Psychiatry Research</i> , 2016 , 246, 267-274	9.9	41
30	Minimal wave speed of a bacterial colony model. <i>Applied Mathematical Modelling</i> , 2016 , 40, 10419-10436	4.5	0
29	Modeling Fluid Resuscitation by Formulating Infusion Rate and Urine Output in Severe Thermal Burn Adult Patients: A Retrospective Cohort Study. <i>BioMed Research International</i> , 2015 , 2015, 508043	3	
28	Nonlinear Dynamics in Epidemic Systems. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-1	1.1	
27	Modeling the effects of covalently closed circular DNA and dendritic cells in chronic HBV infection. <i>Journal of Theoretical Biology</i> , 2014 , 357, 1-9	2.3	8
26	The effect of immune responses in viral infections: A mathematical model view. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2014 , 19, 3379-3396	1.3	5
25	Advanced Nonlinear Dynamics of Population Biology and Epidemiology. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-3	0.7	
24	Dynamics of a Viral Infection Model with General Contact Rate between Susceptible Cells and Virus Particles. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-5	0.7	1
23	Global dynamics of a nutrient-plankton system in the water ecosystem. <i>Applied Mathematics and Computation</i> , 2013 , 219, 8269-8276	2.7	23
22	DYNAMICS BEHAVIOR OF MUTATION DURING REPRODUCTION ON HIV-1 DRUG RESISTANCE. <i>International Journal of Biomathematics</i> , 2013 , 06, 1350018	1.8	1
21	Effect of Delay on Selection Dynamics in Long-Term Sphere Culture of Cancer Stem Cells. <i>Discrete Dynamics in Nature and Society</i> , 2013 , 2013, 1-5	1.1	
20	Complex dynamics of a reaction-diffusion epidemic model. <i>Nonlinear Analysis: Real World Applications</i> , 2012 , 13, 2240-2258	2.1	52
19	Modeling of HIV-1 infection: insights to the role of monocytes/macrophages, latently infected T4 cells, and HAART regimes. <i>PLoS ONE</i> , 2012 , 7, e46026	3.7	6

18	Novel Ventricular Fibrillation/Tachycardia Detection Algorithms Used for Automated External Defibrillators. <i>Recent Patents on Engineering</i> , 2012 , 6, 217-225	0.3	1
17	Dynamical behaviors of an HBV infection model with logistic hepatocyte growth. <i>Mathematical and Computer Modelling</i> , 2011 , 54, 704-711		41
16	Numerical diagnoses of superinfection in chronic hepatitis B viral dynamics. <i>Intervirolgy</i> , 2011 , 54, 349-365		6
15	PERIODIC OSCILLATIONS IN A SPATIALLY EXPLICIT MODEL WITH DELAY EFFECT FOR VEGETATION DYNAMICS IN FRESHWATER MARSHES. <i>Journal of Biological Systems</i> , 2011 , 19, 131-147	1.6	5
14	Fluctuation and extinction dynamics in host-microparasite systems. <i>Communications on Pure and Applied Analysis</i> , 2011 , 10, 1537-1548	1.9	3
13	Novel dynamics of a simple Daphnia-microparasite model with dose-dependent infection. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2011 , 4, 1599-1610	2.8	1
12	Global properties of an improved hepatitis B virus model. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 3131-3138	2.1	93
11	A viral infection model with immune circadian rhythms. <i>Applied Mathematics and Computation</i> , 2010 , 215, 3369-3374	2.7	5
10	A Viral Infection Model with a Nonlinear Infection Rate. <i>Boundary Value Problems</i> , 2009 , 2009, 1-19	2.1	14
9	Dynamics of an HBV model with diffusion and delay. <i>Journal of Theoretical Biology</i> , 2008 , 253, 36-44	2.3	86
8	Complex dynamic behavior in a viral model with delayed immune response. <i>Physica D: Nonlinear Phenomena</i> , 2007 , 226, 197-208	3.3	119
7	Dynamic behavior of a parasite-host model with general incidence. <i>Journal of Mathematical Analysis and Applications</i> , 2007 , 331, 631-643	1.1	7
6	A bio-mathematical model of time prediction in corneal angiogenesis after alkali burn. <i>Burns</i> , 2007 , 33, 511-7	2.3	2
5	Propagation of HBV with spatial dependence. <i>Mathematical Biosciences</i> , 2007 , 210, 78-95	3.9	112
4	Global stability in a viral infection model with lytic and nonlytic immune responses. <i>Computers and Mathematics With Applications</i> , 2006 , 51, 1593-1610	2.7	66
3	Viral infection model with periodic lytic immune response. <i>Chaos, Solitons and Fractals</i> , 2006 , 28, 90-99	9.3	56
2	The asymptotic behavior of a single population model with space-limited and stage-structure. <i>Nonlinear Analysis: Real World Applications</i> , 2005 , 6, 155-173	2.1	1
1	The asymptotic behavior of flowreactor models with two nutrients. <i>Mathematical and Computer Modelling</i> , 2004 , 40, 465-479		2

