

Baojun Song

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,758
citations

840119

11
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Basic reinfection number and backward bifurcation. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 8064-8083.	1.0	8
2	The impact of hospital resources and environmental perturbations to the dynamics of SIRS model. <i>Journal of the Franklin Institute</i> , 2021, 358, 2405-2433.	1.9	44
3	Dynamics of a ratio-dependent population model for Green Sea Turtle with age structure. <i>Journal of Theoretical Biology</i> , 2021, 516, 110614.	0.8	3
4	Noise-induced transitions in a non-smooth SIS epidemic model with media alert. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 745-763.	1.0	13
5	Estimating the quarantine failure rate for COVID-19. <i>Infectious Disease Modelling</i> , 2021, 6, 924-929.	1.2	2
6	The Impact of Temperature-Dependent Sex Determination on the Population Dynamics of Green Sea Turtles (<i>Chelonia mydas</i>). <i>Revista Bionatura</i> , 2020, 5, 1029-1038.	0.1	1
7	Mathematically Modeling the Role of Triglyceride Production on Leptin Resistance. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 291-301.	0.5	2
8	A two-strain TB model with multiple latent stages. <i>Mathematical Biosciences and Engineering</i> , 2016, 13, 741-785.	1.0	14
9	Different types of backward bifurcations due to density-dependent treatments. <i>Mathematical Biosciences and Engineering</i> , 2013, 10, 1651-1668.	1.0	10
10	Complex Dynamics of Discrete SEIS Models with Simple Demography. <i>Discrete Dynamics in Nature and Society</i> , 2011, 2011, 1-21.	0.5	8
11	Epidemic spread of influenza viruses: The impact of transient populations on disease dynamics. <i>Mathematical Biosciences and Engineering</i> , 2011, 8, 199-222.	1.0	12
12	Role of Prey Dispersal and Refuges on Predator-Prey Dynamics. <i>SIAM Journal on Applied Mathematics</i> , 2010, 70, 1821-1839.	0.8	39
13	Mathematical analysis of the transmission dynamics of HIV/TB coinfection in the presence of treatment. <i>Mathematical Biosciences and Engineering</i> , 2008, 5, 145-174.	1.0	153
14	Existence of multiple-stable equilibria for a multi-drug-resistant model of mycobacterium tuberculosis. <i>Mathematical Biosciences and Engineering</i> , 2008, 5, 437-455.	1.0	33
15	Dynamics of starvation in humans. <i>Journal of Mathematical Biology</i> , 2006, 54, 27-43.	0.8	29
16	Raves, clubs and ecstasy: the impact of peer pressure. <i>Mathematical Biosciences and Engineering</i> , 2006, 3, 249-266.	1.0	42
17	Dynamical Models of Tuberculosis and Their Applications. <i>Mathematical Biosciences and Engineering</i> , 2004, 1, 361-404.	1.0	1,229
18	Global Dynamics of Tuberculosis Models with Density Dependent Demography. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2002, , 275-294.	0.5	10

#	ARTICLE	IF	CITATIONS
19	Tuberculosis models with fast and slow dynamics: the role of close and casual contacts. Mathematical Biosciences, 2002, 180, 187-205.	0.9	105