Baojun Song

List of Publications by Year in descending order

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19 papers	1,758 citations	840776 11 h-index	794594 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. Mathematical Biosciences and Engineering, 2021, 18, 8064-8083.	1.9	8
2	The impact of hospital resources and environmental perturbations to the dynamics of SIRS model. Journal of the Franklin Institute, 2021, 358, 2405-2433.	3.4	44
3	Dynamics of a ratio-dependent population model for Green Sea Turtle with age structure. Journal of Theoretical Biology, 2021, 516, 110614.	1.7	3
4	Noise-induced transitions in a non-smooth SIS epidemic model with media alert. Mathematical Biosciences and Engineering, 2021, 18, 745-763.	1.9	13
5	Estimating the quarantine failure rate for COVID-19. Infectious Disease Modelling, 2021, 6, 924-929.	1.9	2
6	The Impact of Temperature-Dependent Sex Determination on the Population Dynamics of Green Sea Turtles (Chelonia mydas). Revista Bionatura, 2020, 5, 1029-1038.	0.4	1
7	Mathematically Modeling the Role of Triglyceride Production on Leptin Resistance. Advances in Intelligent Systems and Computing, 2019, , 291-301.	0.6	2
8	A two-strain TB model with multiple latent stages. Mathematical Biosciences and Engineering, 2016, 13, 741-785.	1.9	14
9	Different types of backward bifurcations due to density-dependent treatments. Mathematical Biosciences and Engineering, 2013, 10, 1651-1668.	1.9	10
10	Complex Dynamics of Discrete SEIS Models with Simple Demography. Discrete Dynamics in Nature and Society, 2011, 2011, 1-21.	0.9	8
11	Epidemic spread of influenza viruses: The impact of transient populations on disease dynamics. Mathematical Biosciences and Engineering, 2011, 8, 199-222.	1.9	12
12	Role of Prey Dispersal and Refuges on Predator-Prey Dynamics. SIAM Journal on Applied Mathematics, 2010, 70, 1821-1839.	1.8	39
13	Mathematical analysis of the transmission dynamics of HIV/TB coinfection in the presence of treatment. Mathematical Biosciences and Engineering, 2008, 5, 145-174.	1.9	153
14	Existence of multiple-stable equilibria for a multi-drug-resistant model of mycobacterium tuberculosis. Mathematical Biosciences and Engineering, 2008, 5, 437-455.	1.9	33
15	Dynamics of starvation in humans. Journal of Mathematical Biology, 2006, 54, 27-43.	1.9	29
16	Raves, clubs and ecstasy: the impact of peer pressure. Mathematical Biosciences and Engineering, 2006, 3, 249-266.	1.9	42
17	Dynamical Models of Tuberculosis and Their Applications. Mathematical Biosciences and Engineering, 2004, 1, 361-404.	1.9	1,229
18	Global Dynamics of Tuberculosis Models with Density Dependent Demography. The IMA Volumes in Mathematics and Its Applications, 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.	1.9	105