

Zhixing Hu

List of Publications by Year in descending order

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15
papers

296
citations

1307594

7
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of SIR epidemic models with nonlinear incidence rate and treatment. <i>Mathematical Biosciences</i> , 2012, 238, 12-20.	1.9	106
2	Backward bifurcation of an epidemic model with standard incidence rate and treatment rate. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 2302-2312.	1.7	49
3	Bifurcations of an SIRS epidemic model with nonlinear incidence rate. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2011, 15, 93-112.	0.9	37
4	Analysis of the dynamics of a delayed HIV pathogenesis model. <i>Journal of Computational and Applied Mathematics</i> , 2010, 234, 461-476.	2.0	26
5	Design of an optimal preview controller for linear discrete-time causal descriptor systems. <i>International Journal of Control</i> , 2012, 85, 1616-1624.	1.9	23
6	Hopf bifurcation and stability for a neural network model with mixed delays. <i>Applied Mathematics and Computation</i> , 2012, 218, 6748-6761.	2.2	19
7	Stability and Hopf bifurcation in a HIV-1 infection model with delays and logistic growth. <i>Mathematics and Computers in Simulation</i> , 2016, 128, 26-41.	4.4	11
8	Global stability of an HIV pathogenesis model with cure rate. <i>Nonlinear Analysis: Real World Applications</i> , 2011, , .	1.7	7
9	The stability and Hopf bifurcation for an HIV model with saturated infection rate and double delays. <i>International Journal of Biomathematics</i> , 2018, 11, 1850040.	2.9	5
10	Malaria Transmission Model with Transmission-Blocking Drugs and a Time Delay. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-17.	1.1	5
11	Dynamics of a three-species ratio-dependent diffusive model. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 2106-2114.	1.7	4
12	Stability and Hopf Bifurcation of a Vector-Borne Disease Model with Saturated Infection Rate and Reinfection. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-17.	1.3	3
13	The Analysis of Two Epidemic Models with Constant Immigration and Quarantine. <i>Rocky Mountain Journal of Mathematics</i> , 2008, 38, .	0.4	1
14	Stability Analysis of an In-Host Viral Model with Cure of Infected Cells and Humoral Immunity. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-5.	0.9	0
15	Stability and Hopf Bifurcation Analysis of an Oncolytic Virus Infection Model with Two Time Delays and Saturation Incidence. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-20.	1.1	0