

Shihe Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3334780/publications.pdf>

Version: 2024-02-01

49
papers

293
citations

1040018

9
h-index

940516

16
g-index

49
all docs

49
docs citations

49
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of mathematical models for the growth of tumors with time delays in cell proliferation. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 336, 523-541.	1.0	62
2	Analysis of tumor growth under direct effect of inhibitors with time delays in proliferation. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 401-406.	1.7	27
3	Analysis of a solid avascular tumor growth model with time delays in proliferation process. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 391, 38-47.	1.0	23
4	Analysis of a mathematical model for tumor growth under indirect effect of inhibitors with time delay in proliferation. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 374, 178-186.	1.0	21
5	Multiple Attribute Group Decision Making Method Based on Utility Theory Under Interval-Valued Intuitionistic Fuzzy Environment. <i>Group Decision and Negotiation</i> , 2016, 25, 1261-1275.	3.3	20
6	Hopf bifurcation of a free boundary problem modeling tumor growth with two time delays. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 2491-2494.	5.1	13
7	A complete ranking method for interval-valued intuitionistic fuzzy numbers and its applications to multicriteria decision making. <i>Soft Computing</i> , 2021, 25, 2513-2520.	3.6	12
8	Remarks to "Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets". <i>Soft Computing</i> , 2017, 21, 2263-2268.	3.6	10
9	Analysis of a free boundary problem for tumor growth with angiogenesis and time delays in proliferation. <i>Nonlinear Analysis: Real World Applications</i> , 2020, 51, 103005.	1.7	10
10	Qualitative analysis of a time-delayed free boundary problem for tumor growth under the action of external inhibitors. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 4187-4198.	2.3	9
11	Analysis of a free boundary problem for avascular tumor growth with a periodic supply of nutrients. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2016, 21, 997-1008.	0.9	7
12	A Time-Delayed Mathematical Model for Tumor Growth with the Effect of a Periodic Therapy. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-8.	1.3	6
13	Hopf Bifurcation of a Mathematical Model for Growth of Tumors with an Action of Inhibitor and Two Time Delays. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-10.	0.7	5
14	On a size-structured population model with infinite states-at-birth and distributed delay in birth process. <i>Applicable Analysis</i> , 2013, 92, 1916-1927.	1.3	5
15	On a two-phase size-structured population model with infinite states-at-birth and distributed delay in birth process. <i>Journal of Biological Dynamics</i> , 2014, 8, 42-56.	1.7	5
16	Analysis of a time-delayed mathematical model for tumour growth with an almost periodic supply of external nutrients. <i>Journal of Biological Dynamics</i> , 2017, 11, 504-520.	1.7	5
17	Analysis of necrotic core formation in angiogenic tumor growth. <i>Nonlinear Analysis: Real World Applications</i> , 2020, 51, 103016.	1.7	5
18	Analysis of a delayed free boundary problem for tumor growth. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2011, 15, 293-308.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Analysis of a free boundary problem for tumor growth with Gibbs-Thomson relation and time delays. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2018, 23, 3535-3551.	0.9	5
20	Analysis of a delayed mathematical model for tumor growth. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 4121-4127.	1.7	4
21	Qualitative analysis of a time-delayed free boundary problem for tumor growth with angiogenesis and Gibbs-Thomson relation. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 7433-7446.	1.9	4
22	Global Stability of a Reaction-diffusion System of a Competitor-Competitor-Mutualist Model. <i>Taiwanese Journal of Mathematics</i> , 2011, 15, .	0.4	3
23	Stability of solutions to a mathematical model for necrotic tumor growth with time delays in proliferation. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 421, 955-962.	1.0	3
24	A coarse to fine framework for recognizing and locating multiple diatoms with highly complex backgrounds in forensic investigation. <i>Multimedia Tools and Applications</i> , 2022, 81, 4839-4857.	3.9	3
25	Analysis of a time-delayed free boundary problem for solid tumor growth with angiogenesis and direct influence of inhibitors. <i>Boundary Value Problems</i> , 2020, 2020, .	0.7	3
26	Analysis of a free boundary problem for solid avascular tumor growth with a time delay in regulatory apoptosis. <i>International Journal of Biomathematics</i> , 2022, 15, .	2.9	3
27	Analysis of a free boundary problem for tumor growth in a periodic external environment. <i>Boundary Value Problems</i> , 2015, 2015, .	0.7	2
28	Asynchronous exponential growth for a two-phase size-structured population model and comparison with the corresponding one-phase model. <i>Journal of Biological Dynamics</i> , 2018, 12, 683-699.	1.7	2
29	Qualitative analysis of a delayed free boundary problem for tumor growth under the effect of inhibitors. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011, 74, 3295-3304.	1.1	1
30	Analysis of a free boundary problem modeling the growth of nonnecrotic tumors with time delays in proliferation. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 2225-2231.	1.7	1
31	Global Existence and Uniqueness of Solutions for a Free Boundary Problem Modeling the Growth of Tumors with a Necrotic Core and a Time Delay in Process of Proliferation. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-9.	1.1	1
32	Qualitative analysis of a mathematical model for tumor growth under the effect of periodic therapy. <i>Advances in Pure and Applied Mathematics</i> , 2015, .	0.4	1
33	Global existence of solutions for a nonlinear size-structured population model with distributed delay in the recruitment. <i>International Journal of Mathematics</i> , 2015, 26, 1550085.	0.5	1
34	Time delays in proliferation process for solid avascular tumor under the action of external inhibitors. <i>International Journal of Biomathematics</i> , 2015, 08, 1550018.	2.9	1
35	Analysis of a time-delayed mathematical model for solid avascular tumor growth under the action of external inhibitors. <i>Journal of Applied Mathematics and Computing</i> , 2016, 52, 403-415.	2.5	1
36	Global stability of solutions to a free boundary problem of ductal carcinoma in situ. <i>Nonlinear Analysis: Real World Applications</i> , 2016, 27, 238-245.	1.7	1

#	ARTICLE	IF	CITATIONS
37	Global asymptotic stability of positive steady states of a solid avascular tumor growth model with time delays. Rocky Mountain Journal of Mathematics, 2018, 48, .	0.4	1
38	A free boundary problem for necrotic tumor growth with angiogenesis. Applicable Analysis, 0, , 1-11.	1.3	1
39	Asymptotic behavior of a nonlinear necrotic tumor model with a periodic external nutrient supply. Discrete and Continuous Dynamical Systems - Series B, 2020, 25, 2453-2460.	0.9	1
40	The application of Deviation Minimization Model to determine the cost price in the tendering of highway engineering. , 2011, , .		0
41	Analysis of a time-delayed mathematical model for tumour growth with inhibitors. Applicable Analysis, 2013, 92, 703-717.	1.3	0
42	Six Kinds of Bidding Risk Prediction Model Based on Multiple Attribute Decision-Making Theories and Its Application. , 2014, , .		0
43	Stability of Solutions to a Free Boundary Problem for Tumor Growth. International Journal of Differential Equations, 2014, 2014, 1-4.	0.8	0
44	Steady-State Analysis of Necrotic Core Formation for Solid Avascular Tumors with Time Delays in Regulatory Apoptosis. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-4.	1.3	0
45	A Kind of Hopf Bifurcation of a Population Dynamic Model and its Simulation. , 2015, , .		0
46	Qualitative analysis of a free boundary problem for tumor growth under the action of periodic external inhibitors. International Journal of Biomathematics, 2018, 11, 1850008.	2.9	0
47	Analysis of a Delayed Free Boundary Problem with Application to a Model for Tumor Growth of Angiogenesis. Complexity, 2020, 2020, 1-12.	1.6	0
48	Stability of positive steady-state solutions to a time-delayed system with some applications. Discrete and Continuous Dynamical Systems - Series B, 2021, , .	0.9	0
49	Bifurcation of a Mathematical Model for Tumor Growth with Angiogenesis and Gibbsâ€™Thomson Relation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, , .	1.7	0