

Joseph Malinzi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2004912/publications.pdf>

Version: 2024-02-01

13
papers

177
citations

1478280

6
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of chemotherapy using oncolytic virotherapy: Mathematical and optimal control analysis. <i>Mathematical Biosciences and Engineering</i> , 2018, 15, 1435-1463.	1.0	44
2	Modelling the spatiotemporal dynamics of chemovirotherapy cancer treatment. <i>Journal of Biological Dynamics</i> , 2017, 11, 244-274.	0.8	35
3	Analysis of virotherapy in solid tumor invasion. <i>Mathematical Biosciences</i> , 2015, 263, 102-110.	0.9	33
4	Mathematical Analysis of a Mathematical Model of Chemovirotherapy: Effect of Drug Infusion Method. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-16.	0.7	23
5	Prospect for application of mathematical models in combination cancer treatments. <i>Informatics in Medicine Unlocked</i> , 2021, 23, 100534.	1.9	16
6	Effect of immunotherapy on the response of TICLs to solid tumour invasion. <i>Mathematical Biosciences</i> , 2014, 249, 52-59.	0.9	6
7	Determining COVID-19 Dynamics Using Physics Informed Neural Networks. <i>Axioms</i> , 2022, 11, 121.	0.9	6
8	Mathematical analysis of a tumour-immune interaction model: A moving boundary problem. <i>Mathematical Biosciences</i> , 2019, 308, 8-19.	0.9	5
9	Response of Immunotherapy to Tumour-TICLs Interactions: A Travelling Wave Analysis. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-10.	0.3	4
10	Exact Solutions of Non-Linear Evolution Models in Physics and Biosciences Using the Hyperbolic Tangent Method. <i>Mathematical and Computational Applications</i> , 2018, 23, 35.	0.7	2
11	A mathematical model for oncolytic virus spread using the telegraph equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 102, 105944.	1.7	2
12	Mathematical modelling of the dynamics of prostate cancer with a curative vaccine. <i>Scientific African</i> , 2021, 11, e00715.	0.7	1
13	The Moon Project: Where Management Meets Mathematics. <i>Scientific African</i> , 2021, 12, e00803.	0.7	0