

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