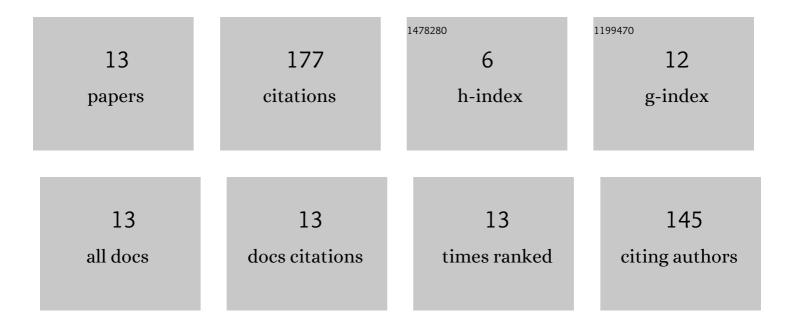
## Joseph Malinzi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2004912/publications.pdf Version: 2024-02-01



LOSEDH MALINZI

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