

# Salisu M Garba

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

567  
citations

932766

10  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Backward bifurcations in dengue transmission dynamics. <i>Mathematical Biosciences</i> , 2008, 215, 11-25.	0.9	248
2	Modeling the transmission dynamics of the COVID-19 Pandemic in South Africa. <i>Mathematical Biosciences</i> , 2020, 328, 108441.	0.9	74
3	Global Stability Analysis of SEIR Model with Holling Type II Incidence Function. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-8.	0.7	37
4	Dynamically-consistent non-standard finite difference method for an epidemic model. <i>Mathematical and Computer Modelling</i> , 2011, 53, 131-150.	2.0	36
5	Effect of cross-immunity on the transmission dynamics of two strains of dengue. <i>International Journal of Computer Mathematics</i> , 2010, 87, 2361-2384.	1.0	29
6	Mathematical model for assessing the impact of vaccination and treatment on measles transmission dynamics. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 6371-6388.	1.2	27
7	Cross-immunity-induced backward bifurcation for a model of transmission dynamics of two strains of influenza. <i>Nonlinear Analysis: Real World Applications</i> , 2013, 14, 1384-1403.	0.9	20
8	Backward bifurcation analysis of epidemiological model with partial immunity. <i>Computers and Mathematics With Applications</i> , 2014, 68, 931-940.	1.4	19
9	Modeling the transmission dynamics of the Middle East Respiratory Syndrome Coronavirus (MERS-CoV) with latent immigrants. <i>Journal of Interdisciplinary Mathematics</i> , 2019, 22, 903-930.	0.4	14
10	Dynamics of <i>Mycobacterium</i> and bovine tuberculosis in a Human-Buffalo Population. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-20.	0.7	13
11	Switching from exact scheme to nonstandard finite difference scheme for linear delay differential equation. <i>Applied Mathematics and Computation</i> , 2015, 258, 388-403.	1.4	12
12	Mathematical Analysis of West Nile Virus Model with Discrete Delays. <i>Acta Mathematica Scientia</i> , 2013, 33, 1439-1462.	0.5	9
13	Analysis of model for the transmission dynamics of Zika with sterile insect technique. <i>Texts in Biomathematics</i> , 0, 1, 81.	0.0	7
14	Modeling the transmission dynamics of Zika with sterile insect technique. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 8871-8896.	1.2	6
15	Dynamical behavior of an epidemiological model with a demographic Allee effect. <i>Mathematics and Computers in Simulation</i> , 2017, 133, 311-325.	2.4	5
16	Dynamics of SI epidemic with a demographic Allee effect. <i>Theoretical Population Biology</i> , 2015, 106, 1-13.	0.5	4
17	Stability Analysis and Optimal Control for Yellow Fever Model with Vertical Transmission. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 105.	0.9	4
18	Modeling the effect of temperature variability on malaria control strategies. <i>Mathematical Modelling of Natural Phenomena</i> , 2020, 15, 65.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Mathematics of FIV and BTB dynamics in buffalo and lion populations at Kruger National Park. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 8697-8723.	1.2	0
20	Mathematical analysis of a model for the transmission dynamics of <i>Trichomonas vaginalis</i> (TV) and HIV coinfection. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 8741-8764.	1.2	0