Salisu M Garba

List of Publications by Year
in descending order

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	Modeling the effect of temperature variability on malaria control strategies. Mathematical Modelling of Natural Phenomena, 2020, 15, 65.	0.9	3
2	Modeling the transmission dynamics of the COVID-19 Pandemic in South Africa. Mathematical Biosciences, 2020, 328, 108441.	0.9	74
3	Stability Analysis and Optimal Control for Yellow Fever Model with Vertical Transmission. International Journal of Applied and Computational Mathematics, 2020, 6, 105.	0.9	4
4	Modeling the transmission dynamics of the Middle East Respiratory Syndrome Coronavirus (MERS-CoV) with latent immigrants. Journal of Interdisciplinary Mathematics, 2019, 22, 903-930.	0.4	14
5	Modeling the transmission dynamics of Zika with sterile insect technique. Mathematical Methods in the Applied Sciences, 2018, 41, 8871-8896.	1.2	6
6	Mathematics of FIV and BTB dynamics in buffalo and lion populations at Kruger National Park. Mathematical Methods in the Applied Sciences, 2018, 41, 8697-8723.	1.2	0
7	Mathematical analysis of a model for the transmission dynamics of Trichomonas vaginalis (TV) and HIV coinfection. Mathematical Methods in the Applied Sciences, 2018, 41, 8741-8764.	1.2	0
8	Dynamical behavior of an epidemiological model with a demographic Allee effect. Mathematics and Computers in Simulation, 2017, 133, 311-325.	2.4	5
9	Mathematical model for assessing the impact of vaccination and treatment on measles transmission dynamics. Mathematical Methods in the Applied Sciences, 2017, 40, 6371-6388.	1.2	27
10	Switching from exact scheme to nonstandard finite difference scheme for linear delay differential equation. Applied Mathematics and Computation, 2015, 258, 388-403.	1.4	12
11	Dynamics of SI epidemic with a demographic Allee effect. Theoretical Population Biology, 2015, 106, 1-13.	0.5	4
12	Dynamics ofMycobacteriumandbovine tuberculosisin a Human-Buffalo Population. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-20.	0.7	13
13	Backward bifurcation analysis of epidemiological model with partial immunity. Computers and Mathematics With Applications, 2014, 68, 931-940.	1.4	19
14	Mathematical Analysis of West Nile Virus Model with Discrete Delays. Acta Mathematica Scientia, 2013, 33, 1439-1462.	0.5	9
15	Cross-immunity-induced backward bifurcation for a model of transmission dynamics of two strains of influenza. Nonlinear Analysis: Real World Applications, 2013, 14, 1384-1403.	0.9	20
16	Global Stability Analysis of SEIR Model with Holling Type II Incidence Function. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-8.	0.7	37
17	Dynamically-consistent non-standard finite difference method for an epidemic model. Mathematical and Computer Modelling, 2011, 53, 131-150.	2.0	36
18	Effect of cross-immunity on the transmission dynamics of two strains of dengue. International Journal of Computer Mathematics, 2010, 87, 2361-2384.	1.0	29

#	Article	IF	Citations
19	Backward bifurcations in dengue transmission dynamics. Mathematical Biosciences, 2008, 215, 11-25.	0.9	248
20	Analysis of model for the transmission dynamics of Zika with sterile insect technique. Texts in Biomathematics, 0, 1, 81.	0.0	7