

# Adeshina I Adekunle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3262755/publications.pdf>

Version: 2024-02-01

21  
papers

1,095  
citations

567281

15  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and simulation of a two-strain disease model with nonlinear incidence. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111637.	5.1	6
2	Mathematical analysis of a two-strain tuberculosis model in Bangladesh. <i>Scientific Reports</i> , 2022, 12, 3634.	3.3	9
3	A Review: Aedes-Borne Arboviral Infections, Controls and Wolbachia-Based Strategies. <i>Vaccines</i> , 2021, 9, 32.	4.4	40
4	Mathematical analysis of a two-strain disease model with amplification. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110594.	5.1	19
5	Change in outbreak epicentre and its impact on the importation risks of COVID-19 progression: A modelling study. <i>Travel Medicine and Infectious Disease</i> , 2021, 40, 101988.	3.0	25
6	Modelling direct and herd protection effects of vaccination against the SARS-CoV-2 Delta variant in Australia. <i>Medical Journal of Australia</i> , 2021, 215, 427-432.	1.7	20
7	Heterogeneous infectiousness in mathematical models of tuberculosis: A systematic review. <i>Epidemics</i> , 2020, 30, 100374.	3.0	6
8	Modeling the potential of wAu-Wolbachia strain invasion in mosquitoes to control Aedes-borne arboviral infections. <i>Scientific Reports</i> , 2020, 10, 16812.	3.3	17
9	Delaying the COVID-19 epidemic in Australia: evaluating the effectiveness of international travel bans. <i>Australian and New Zealand Journal of Public Health</i> , 2020, 44, 257-259.	1.8	79
10	Modeling drug-resistant tuberculosis amplification rates and intervention strategies in Bangladesh. <i>PLoS ONE</i> , 2020, 15, e0236112.	2.5	19
11	Can environmental DNA be used to detect first arrivals of the cane toad, <i>Rhinella marina</i> , into novel locations?. <i>Environmental DNA</i> , 2020, 2, 635-646.	5.8	20
12	The spatio-temporal epidemic dynamics of COVID-19 outbreak in Africa. <i>Epidemiology and Infection</i> , 2020, 148, e212.	2.1	36
13	Is Nigeria really on top of COVID-19? Message from effective reproduction number. <i>Epidemiology and Infection</i> , 2020, 148, e166.	2.1	16
14	Modelling insights into the COVID-19 pandemic. <i>Paediatric Respiratory Reviews</i> , 2020, 35, 64-69.	1.8	35
15	Economic Consequences of the COVID-19 Outbreak: the Need for Epidemic Preparedness. <i>Frontiers in Public Health</i> , 2020, 8, 241.	2.7	412
16	Role of modelling in COVID-19 policy development. <i>Paediatric Respiratory Reviews</i> , 2020, 35, 57-60.	1.8	59
17	Early Transmission Dynamics of Novel Coronavirus (COVID-19) in Nigeria. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3054.	2.6	76
18	Mathematical analysis of a Wolbachia invasive model with imperfect maternal transmission and loss of Wolbachia infection. <i>Infectious Disease Modelling</i> , 2019, 4, 265-285.	1.9	14

#	ARTICLE	IF	CITATIONS
19	Flooding in Townsville, North Queensland, Australia, in February 2019 and Its Effects on Mosquito-Borne Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1393.	2.6	10
20	Modeling the Dynamics of Plasmodium vivax Infection and Hypnozoite Reactivation In Vivo. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003595.	3.0	87
21	Optimal control of a two-strain tuberculosis-HIV/AIDS co-infection model. <i>BioSystems</i> , 2014, 119, 20-44.	2.0	57