# Adeshina I Adekunle

List of Publications by Year
in descending order

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|---|---|---|---|
| 21 papers | 1,095 citations | 567281<br>15 h-index | 713466<br>21 g-index |
| 27 all docs | 27 docs citations | 27 times ranked | 1510 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Economic Consequences of the COVID-19 Outbreak: the Need for Epidemic Preparedness. Frontiers in Public Health, 2020, 8, 241. | 2.7 | 412 |
| 2 | Modeling the Dynamics of Plasmodium vivax Infection and Hypnozoite Reactivation In Vivo. PLoS Neglected Tropical Diseases, 2015, 9, e0003595. | 3.0 | 87 |
| 3 | Delaying the COVID‐19 epidemic in Australia: evaluating the effectiveness of international travel bans. Australian and New Zealand Journal of Public Health, 2020, 44, 257-259. | 1.8 | 79 |
| 4 | Early Transmission Dynamics of Novel Coronavirus (COVID-19) in Nigeria. International Journal of Environmental Research and Public Health, 2020, 17, 3054. | 2.6 | 76 |
| 5 | Role of modelling in COVID-19 policy development. Paediatric Respiratory Reviews, 2020, 35, 57-60. | 1.8 | 59 |
| 6 | Optimal control of a two-strain tuberculosis-HIV/AIDS co-infection model. BioSystems, 2014, 119, 20-44. | 2.0 | 57 |
| 7 | A Review: Aedes-Borne Arboviral Infections, Controls and Wolbachia-Based Strategies. Vaccines, 2021, 9, 32. | 4.4 | 40 |
| 8 | The spatio-temporal epidemic dynamics of COVID-19 outbreak in Africa. Epidemiology and Infection, 2020, 148, e212. | 2.1 | 36 |
| 9 | Modelling insights into the COVID-19 pandemic. Paediatric Respiratory Reviews, 2020, 35, 64-69. | 1.8 | 35 |
| 10 | Change in outbreak epicentre and its impact on the importation risks of COVID-19 progression: A modelling study. Travel Medicine and Infectious Disease, 2021, 40, 101988. | 3.0 | 25 |
| 11 | Can environmental DNA be used to detect first arrivals of the cane toad, *Rhinella marina*, into novel locations?. Environmental DNA, 2020, 2, 635-646. | 5.8 | 20 |
| 12 | Modelling direct and herd protection effects of vaccination against the SARS‐CoV‐2 Delta variant in Australia. Medical Journal of Australia, 2021, 215, 427-432. | 1.7 | 20 |
| 13 | Modeling drug-resistant tuberculosis amplification rates and intervention strategies in Bangladesh. PLoS ONE, 2020, 15, e0236112. | 2.5 | 19 |
| 14 | Mathematical analysis of a two-strain disease model with amplification. Chaos, Solitons and Fractals, 2021, 143, 110594. | 5.1 | 19 |
| 15 | Modeling the potential of wAu-Wolbachia strain invasion in mosquitoes to control Aedes-borne arboviral infections. Scientific Reports, 2020, 10, 16812. | 3.3 | 17 |
| 16 | Is Nigeria really on top of COVID-19? Message from effective reproduction number. Epidemiology and Infection, 2020, 148, e166. | 2.1 | 16 |
| 17 | Mathematical analysis of a Wolbachia invasive model with imperfect maternal transmission and loss of Wolbachia infection. Infectious Disease Modelling, 2019, 4, 265-285. | 1.9 | 14 |
| 18 | Flooding in Townsville, North Queensland, Australia, in February 2019 and Its Effects on Mosquito-Borne Diseases. International Journal of Environmental Research and Public Health, 2019, 16, 1393. | 2.6 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mathematical analysis of a two-strain tuberculosis model in Bangladesh. Scientific Reports, 2022, 12, 3634. | 3.3 | 9 |
| 20 | Heterogeneous infectiousness in mathematical models of tuberculosis: A systematic review. Epidemics, 2020, 30, 100374. | 3.0 | 6 |
| 21 | Analysis and simulation of a two-strain disease model with nonlinear incidence. Chaos, Solitons and Fractals, 2022, 155, 111637. | 5.1 | 6 |