

Salihu S Musa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

2,400
citations

13
h-index

48
g-index

65
ext. papers

3,099
ext. citations

4.2
avg, IF

5.78
L-index

#	Paper	IF	Citations
48	COVID-19 and Lassa fever in Nigeria: A deadly alliance?. <i>International Journal of Infectious Diseases</i> , 2022 ,	10.5	2
47	The Heterogeneous Severity of COVID-19 in African Countries: A Modeling Approach.. <i>Bulletin of Mathematical Biology</i> , 2022 , 84, 32	2.1	4
46	Fractional Modeling for Improving Scholastic Performance of Students with Optimal Control. <i>International Journal of Applied and Computational Mathematics</i> , 2022 , 8, 1	1.3	6
45	Infection fatality rate and infection attack rate of COVID-19 in South American countries.. <i>Infectious Diseases of Poverty</i> , 2022 , 11, 40	10.4	1
44	Mathematical analysis of Lassa fever epidemic with effects of environmental transmission. <i>Results in Physics</i> , 2022 , 35, 105335	3.7	2
43	Seroprevalence and infection attack rate of COVID-19 in Indian cities.. <i>Infectious Disease Modelling</i> , 2022 , 7, 25-32	15.7	0
42	The non-pharmaceutical interventions may affect the advantage in transmission of mutated variants during epidemics: A conceptual model for COVID-19.. <i>Journal of Theoretical Biology</i> , 2022 , 542, 111105	2.3	1
41	Transmission dynamics of COVID-19 pandemic with combined effects of relapse, reinfection and environmental contribution: A modeling analysis. <i>Results in Physics</i> , 2022 , 105653	3.7	1
40	High Infection Fatality Rate Among Elderly and Risk Factors Associated With Infection Fatality Rate and Asymptomatic Infections of COVID-19 Cases in Hong Kong. <i>Frontiers in Medicine</i> , 2021 , 8, 678347	4.9	4
39	Dynamics analysis of typhoid fever with public health education programs and final epidemic size relation. <i>Results in Applied Mathematics</i> , 2021 , 10, 100153	1.7	2
38	Reinfection or Reactivation of Severe Acute Respiratory Syndrome Coronavirus 2: A Systematic Review. <i>Frontiers in Public Health</i> , 2021 , 9, 663045	6	10
37	Using Proper Mean Generation Intervals in Modeling of COVID-19. <i>Frontiers in Public Health</i> , 2021 , 9, 691262	6	10
36	Mathematical modeling and analysis of schistosomiasis transmission dynamics. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2021 , 12, 2150021	0.8	0
35	Attach importance of the bootstrap test against Student's t test in clinical epidemiology: a demonstrative comparison using COVID-19 as an example. <i>Epidemiology and Infection</i> , 2021 , 149, e107	4.3	0
34	Inferencing superspreading potential using zero-truncated negative binomial model: exemplification with COVID-19. <i>BMC Medical Research Methodology</i> , 2021 , 21, 30	4.7	12
33	Transmission dynamics of SARS-CoV-2: A modeling analysis with high-and-moderate risk populations. <i>Results in Physics</i> , 2021 , 26, 104290	3.7	7
32	Vertical Transmission of SARS-CoV-2: A Systematic Review of Systematic Reviews. <i>Viruses</i> , 2021 , 13,	6.2	11

31	Estimating the generation interval and inferring the latent period of COVID-19 from the contact tracing data. <i>Epidemics</i> , 2021 , 36, 100482	5.1	12
30	Estimation of COVID-19 under-ascertainment in Kano, Nigeria during the early phase of the epidemics. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 4547-4554	6.1	10
29	Shrinkage in serial intervals across transmission generations of COVID-19. <i>Journal of Theoretical Biology</i> , 2021 , 529, 110861	2.3	
28	Mathematical modeling of COVID-19 epidemic with effect of awareness programs. <i>Infectious Disease Modelling</i> , 2021 , 6, 448-460	15.7	47
27	Antiprotozoal Effect of Snake Venoms and Their Fractions: A Systematic Review.. <i>Pathogens</i> , 2021 , 10,	4.5	3
26	The co-circulating transmission dynamics of SARS-CoV-2 Alpha and Eta variants in Nigeria: A retrospective modeling study of COVID-19.. <i>Journal of Global Health</i> , 2021 , 11, 05028	4.3	1
25	The long-term changing dynamics of dengue infectivity in Guangdong, China, from 2008-2018: a modelling analysis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2020 , 114, 62-71	2	9
24	Imitation dynamics in the mitigation of the novel coronavirus disease (COVID-19) outbreak in Wuhan, China from 2019 to 2020. <i>Annals of Translational Medicine</i> , 2020 , 8, 448	3.2	45
23	A conceptual model for the coronavirus disease 2019 (COVID-19) outbreak in Wuhan, China with individual reaction and governmental action. <i>International Journal of Infectious Diseases</i> , 2020 , 93, 211-216	10.5	566
22	The Long-Term Periodic Patterns of Global Rabies Epidemics Among Animals: A Modeling Analysis. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050047	2	2
21	Mathematical modeling and analysis of meningococcal meningitis transmission dynamics. <i>International Journal of Biomathematics</i> , 2020 , 13, 2050006	1.8	6
20	Mechanistic modelling of the large-scale Lassa fever epidemics in Nigeria from 2016 to 2019. <i>Journal of Theoretical Biology</i> , 2020 , 493, 110209	2.3	22
19	The basic reproduction number of novel coronavirus (2019-nCoV) estimation based on exponential growth in the early outbreak in China from 2019 to 2020: A reply to Dhungana. <i>International Journal of Infectious Diseases</i> , 2020 , 94, 148-150	10.5	20
18	Large-scale Lassa fever outbreaks in Nigeria: quantifying the association between disease reproduction number and local rainfall. <i>Epidemiology and Infection</i> , 2020 , 148, e4	4.3	16
17	Preliminary estimation of the basic reproduction number of novel coronavirus (2019-nCoV) in China, from 2019 to 2020: A data-driven analysis in the early phase of the outbreak. <i>International Journal of Infectious Diseases</i> , 2020 , 92, 214-217	10.5	1027
16	Estimating the Unreported Number of Novel Coronavirus (2019-nCoV) Cases in China in the First Half of January 2020: A Data-Driven Modelling Analysis of the Early Outbreak. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	273
15	New estimates of the Zika virus epidemic attack rate in Northeastern Brazil from 2015 to 2016: A modelling analysis based on Guillain-Barré Syndrome (GBS) surveillance data. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0007502	4.8	10
14	Dynamical analysis of chikungunya and dengue co-infection model. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2020 , 25, 1907-1933	1.3	4

13	Modelling the effective reproduction number of vector-borne diseases: the yellow fever outbreak in Luanda, Angola 2015-2016 as an example. <i>PeerJ</i> , 2020 , 8, e8601	3.1	18
12	Estimation of exponential growth rate and basic reproduction number of the coronavirus disease 2019 (COVID-19) in Africa. <i>Infectious Diseases of Poverty</i> , 2020 , 9, 96	10.4	46
11	Modelling the Measles Outbreak at Hong Kong International Airport in 2019: A Data-Driven Analysis on the Effects of Timely Reporting and Public Awareness. <i>Infection and Drug Resistance</i> , 2020 , 13, 1851-1861	4.2	2
10	Modeling the 2014-2015 Ebola Virus Disease Outbreaks in Sierra Leone, Guinea, and Liberia with Effect of High- and Low-risk Susceptible Individuals. <i>Bulletin of Mathematical Biology</i> , 2020 , 82, 102	2.1	3
9	Phase-shifting of the transmissibility of macrolide-sensitive and resistant <i>Mycoplasma pneumoniae</i> epidemics in Hong Kong, from 2015 to 2018. <i>International Journal of Infectious Diseases</i> , 2019 , 81, 251-253	10.5	6
8	Simple framework for real-time forecast in a data-limited situation: the Zika virus (ZIKV) outbreaks in Brazil from 2015 to 2016 as an example. <i>Parasites and Vectors</i> , 2019 , 12, 344	4	33
7	A mathematical model to study the 2014-2015 large-scale dengue epidemics in Kaohsiung and Tainan cities in Taiwan, China. <i>Mathematical Biosciences and Engineering</i> , 2019 , 16, 3841-3863	2.1	23
6	Associations between Public Awareness, Local Precipitation, and Cholera in Yemen in 2017. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019 , 101, 521-524	3.2	5
5	Modelling scholastic underachievement as a contagious disease. <i>Mathematical Methods in the Applied Sciences</i> , 2018 , 41, 8603-8612	2.3	8
4	Preliminary estimation of the basic reproduction number of novel coronavirus (2019-nCoV) in China, from 2019 to 2020: A data-driven analysis in the early phase of the outbreak		92
3	Large-scale Lassa fever outbreaks in Nigeria: quantifying the association between disease reproduction number and local rainfall		1
2	Heterogeneous Severity of COVID-19 in African Countries: A Modeling Approach		2
1	The unexpected dynamics of COVID-19 in Manaus, Brazil: Was herd immunity achieved?		11