Miranda Ijang Teboh-Ewungkem

List of Publications by Year
in descending order

32	421	759190 12	794568 19
papers	citations	h-index	g-index

37	37	37	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mathematical assessment of the effect of traditional beliefs and customs on the transmission dynamics of the 2014 Ebola outbreaks. BMC Medicine, 2015, 13, 96.	5.5	56
2	A within-vector mathematical model of Plasmodium falciparum and implications of incomplete fertilization on optimal gametocyte sex ratio. Journal of Theoretical Biology, 2010, 264, 273-286.	1.7	38
3	Periodic oscillations and backward bifurcation in a model for the dynamics of malaria transmission. Mathematical Biosciences, 2012, 240, 45-62.	1.9	38
4	Mathematical Study of the Role of Gametocytes andÂanÂImperfect Vaccine on Malaria Transmission Dynamics. Bulletin of Mathematical Biology, 2010, 72, 63-93.	1.9	37
5	Persistent oscillations and backward bifurcation in a malaria model with varying human and mosquito populations: implications for control. Journal of Mathematical Biology, 2015, 70, 1581-1622.	1.9	29
6	Models and Proposals for Malaria: A Review. Mathematical Population Studies, 2013, 20, 57-81.	2.2	22
7	COVID-19 in malaria-endemic regions: potential consequences for malaria intervention coverage, morbidity, and mortality. Lancet Infectious Diseases, The, 2021, 21, 5-6.	9.1	20
8	Preventing COVID-19 spread in closed facilities by regular testing of employeesâ€"An efficient intervention in long-term care facilities and prisons?. PLoS ONE, 2021, 16, e0249588.	2.5	19
9	On a Reproductive Stage-Structured Model for the Population Dynamics of the Malaria Vector. Bulletin of Mathematical Biology, 2014, 76, 2476-2516.	1.9	17
10	A Mathematical Model with Quarantine States for the Dynamics of Ebola Virus Disease in Human Populations. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-29.	1.3	17
11	A mathematical model of the population dynamics of disease-transmitting vectors with spatial consideration. Journal of Biological Dynamics, 2011, 5, 335-365.	1.7	15
12	The effect of intermittent preventive treatment on anti-malarial drug resistance spread in areas with population movement. Malaria Journal, 2014, 13, 428.	2.3	13
13	Male fecundity and optimal gametocyte sex ratios for Plasmodium falciparum during incomplete fertilization. Journal of Theoretical Biology, 2012, 307, 183-192.	1.7	12
14	Observance of period-doubling bifurcation and chaos in an autonomous ODE model for malaria with vector demography. Theoretical Ecology, 2016, 9, 337-351.	1.0	12
15	On a three-stage structured model for the dynamics of malaria transmission with human treatment, adult vector demographics and one aquatic stage. Journal of Theoretical Biology, 2019, 481, 202-222.	1.7	10
16	The impact of COVID-19 vaccination campaigns accounting for antibody-dependent enhancement. PLoS ONE, 2021, 16, e0245417.	2.5	10
17	Intermittent Preventive Treatment (IPT): Its Role in Averting Disease-Induced Mortality in Children and in Promoting the Spread of Antimalarial Drug Resistance. Bulletin of Mathematical Biology, 2019, 81, 193-234.	1.9	8
18	Is increased mortality by multiple exposures to COVID-19 an overseen factor when aiming for herd immunity?. PLoS ONE, 2021, 16, e0253758.	2.5	8

#	Article	IF	Citations
19	Evolutionary implications for the determination of gametocyte sex ratios under fecundity variation for the malaria parasite. Journal of Theoretical Biology, 2016, 408, 260-273.	1.7	5
20	The Impact of Recruitment on the Dynamics of an Immune-Suppressed Within-Humanâ€“Host Model of the Plasmodium falciparum Parasite. Bulletin of Mathematical Biology, 2019, 81, 4564-4619.	1.9	5
21	The Role of Counter-Current Exchange in Preventing Hypoxia in Skeletal Muscle. Bulletin of Mathematical Biology, 2006, 68, 2191-2204.	1.9	3
22	Fighting malaria with ivermectin: a novel malaria control tool. Lancet Infectious Diseases, The, 2020, 20, 394-395.	9.1	3
23	Mathematical assessment of the impact of human-antibodies on sporogony during the within-mosquito dynamics of Plasmodium falciparum parasites. Journal of Theoretical Biology, 2021, 515, 110562.	1.7	3
24	Intermittent Preventive Treatment (IPT) and the Spread of Drug Resistant Malaria. The IMA Volumes in Mathematics and Its Applications, 2015, , 197-233.	0.5	3
25	Sensitivity analysis for a within-human-host immuno-pathogenesis dynamics of Plasmodium falciparum parasites. Texts in Biomathematics, 0, 1, 140.	0.0	3
26	A Mosquito-Borne Disease Model with Non-exponentially Distributed Infection and Treatment Stages. Journal of Dynamics and Differential Equations, 2021, 33, 1679-1709.	1.9	2
27	A MATHEMATICAL STUDY OF THE IMPLICIT ROLE OF INNATE AND ADAPTIVE IMMUNE RESPONSES ON WITHIN-HUMAN PLASMODIUM FALCIPARUM PARASITE LEVELS. Journal of Biological Systems, 2020, 28, 377-429.	1.4	2
28	A Multistage Mosquito-Centred Mathematical Model for Malaria Dynamics that Captures Mosquito Gonotrophic Cycle Contributions to Its Population Abundance and Malaria Transmission. Mathematics of Planet Earth, 2021, , 97-148.	0.1	2
29	A preliminary mathematical model of skin dendritic cell trafficking and induction of T cell immunity. Discrete and Continuous Dynamical Systems - Series B, 2009, 12, 323-336.	0.9	2
30	Investigating the impact of multiple feeding attempts on mosquito dynamics via mathematical models. Mathematical Biosciences, 2022, 350, 108832.	1.9	1
31	Substrate diffusion from an array of capillaries with co-current and counter-current flow. Mathematical and Computer Modelling, 2005, 42, 17-30.	2.0	0
32	Infectious Diseases and Our Planet. Mathematics of Planet Earth, 2021, , 1-13.	0.1	0