

Lynette Isabella Ochola-Oyier

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

956
citations

687335

13
h-index

610883

24
g-index

46
all docs

46
docs citations

46
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Seroprevalence of anti-SARS-CoV-2 IgG antibodies in Kenyan blood donors. <i>Science</i> , 2021, 371, 79-82.	12.6	247
2	An open dataset of <i>Plasmodium falciparum</i> genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42.	1.8	97
3	COVID-19 transmission dynamics underlying epidemic waves in Kenya. <i>Science</i> , 2021, 374, 989-994.	12.6	62
4	A review of the frequencies of <i>Plasmodium falciparum</i> Kelch 13 artemisinin resistance mutations in Africa. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 16, 155-161.	3.4	42
5	Temporal trends of SARS-CoV-2 seroprevalence during the first wave of the COVID-19 epidemic in Kenya. <i>Nature Communications</i> , 2021, 12, 3966.	12.8	40
6	Seroprevalence of Antibodies to Severe Acute Respiratory Syndrome Coronavirus 2 Among Healthcare Workers in Kenya. <i>Clinical Infectious Diseases</i> , 2022, 74, 288-293.	5.8	36
7	Temporal trends in prevalence of <i>Plasmodium falciparum</i> drug resistance alleles over two decades of changing antimalarial policy in coastal Kenya. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 152-163.	3.4	34
8	Tracking the introduction and spread of SARS-CoV-2 in coastal Kenya. <i>Nature Communications</i> , 2021, 12, 4809.	12.8	32
9	Polymorphisms in the K13 Gene in <i>Plasmodium falciparum</i> from Different Malaria Transmission Areas of Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1360-1366.	1.4	30
10	Understanding <i>P. falciparum</i> Asymptomatic Infections: A Proposition for a Transcriptomic Approach. <i>Frontiers in Immunology</i> , 2019, 10, 2398.	4.8	27
11	No Evidence of <i>Plasmodium falciparum</i> k13 Artemisinin Resistance-Confering Mutations over a 24-Year Analysis in Coastal Kenya but a Near Complete Reversion to Chloroquine-Sensitive Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	26
12	Transmission and Age Impact the Risk of Developing Febrile Malaria in Children with Asymptomatic <i>Plasmodium falciparum</i> Parasitemia. <i>Journal of Infectious Diseases</i> , 2019, 219, 936-944.	4.0	20
13	Repeat Polymorphisms in the Low-Complexity Regions of <i>Plasmodium falciparum</i> ABC Transporters and Associations with <i>In Vitro</i> Antimalarial Responses. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 6196-6204.	3.2	16
14	Geographic-genetic analysis of <i>Plasmodium falciparum</i> parasite populations from surveys of primary school children in Western Kenya. Wellcome Open Research, 2017, 2, 29.	1.8	14
15	Comparative performance of WANTAI ELISA for total immunoglobulin to receptor binding protein and an ELISA for IgG to spike protein in detecting SARS-CoV-2 antibodies in Kenyan populations. <i>Journal of Clinical Virology</i> , 2022, 146, 105061.	3.1	14
16	An optimisation of four SARS-CoV-2 qRT-PCR assays in a Kenyan laboratory to support the national COVID-19 rapid response teams. Wellcome Open Research, 2020, 5, 162.	1.8	13
17	Pooled testing conserves SARS-CoV-2 laboratory resources and improves test turn-around time: experience on the Kenyan Coast. Wellcome Open Research, 2020, 5, 186.	1.8	13
18	The Design and Evaluation of a Mobile System for Rapid Diagnostic Test Interpretation. , 2021, 5, 1-26.		12

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19	Anti-Severe Acute Respiratory Syndrome Coronavirus 2 Immunoglobulin G Antibody Seroprevalence Among Truck Drivers and Assistants in Kenya. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab314.	0.9	12
20	Epidemiology of COVID-19 infections on routine polymerase chain reaction (PCR) and serology testing in Coastal Kenya. <i>Wellcome Open Research</i> , 2022, 7, 69.	1.8	12
21	The Plasmodium falciparum Rh5 invasion protein complex reveals an excess of rare variant mutations. <i>Malaria Journal</i> , 2021, 20, 278.	2.3	10
22	Geographic-genetic analysis of Plasmodium falciparum parasite populations from surveys of primary school children in Western Kenya. <i>Wellcome Open Research</i> , 0, 2, 29.	1.8	10
23	Targeted Next Generation Sequencing for malaria research in Africa: current status and outlook. <i>Malaria Journal</i> , 2019, 18, 324.	2.3	9
24	Piperaquine and Lumefantrine resistance in Plasmodium berghei ANKA associated with increased expression of Ca ²⁺ /H ⁺ antiporter and glutathione associated enzymes. <i>Experimental Parasitology</i> , 2014, 147, 23-32.	1.2	8
25	Peripheral blood mononuclear cell transcriptomes reveal an over-representation of down-regulated genes associated with immunity in HIV-exposed uninfected infants. <i>Scientific Reports</i> , 2019, 9, 18124.	3.3	8
26	Revealing the extent of the first wave of the COVID-19 pandemic in Kenya based on serological and PCR-test data. <i>Wellcome Open Research</i> , 0, 6, 127.	1.8	8
27	Spatio-temporal distribution of antimalarial drug resistant gene mutations in a Plasmodium falciparum parasite population from Kilifi, Kenya: A 25-year retrospective study. <i>Wellcome Open Research</i> , 0, 7, 45.	1.8	8
28	Comparison of allele frequencies of Plasmodium falciparum merozoite antigens in malaria infections sampled in different years in a Kenyan population. <i>Malaria Journal</i> , 2016, 15, 261.	2.3	7
29	Few Plasmodium falciparum merozoite ligand and erythrocyte receptor pairs show evidence of balancing selection. <i>Infection, Genetics and Evolution</i> , 2019, 69, 235-245.	2.3	7
30	Targeted Amplicon Deep Sequencing for Monitoring Antimalarial Resistance Markers in Western Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0194521.	3.2	4
31	Maintenance of high temporal Plasmodium falciparum genetic diversity and complexity of infection in asymptomatic and symptomatic infections in Kilifi, Kenya from 2007 to 2018. <i>Malaria Journal</i> , 2022, 21, .	2.3	4
32	The Polymorphic Linker Domain of pfmdr1 Is Associated with Resistance-Confering Mutations in Plasmodium falciparum Populations from East and West Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4595-4598.	3.2	3
33	Genomic Epidemiology of SARS-CoV-2 in Seychelles, 2020–2021. <i>Viruses</i> , 2022, 14, 1318.	3.3	3
34	The MSPDBL2 Codon 591 Polymorphism Is Associated with Lumefantrine <i>In Vitro</i> Drug Responses in Plasmodium falciparum Isolates from Kilifi, Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1770-1775.	3.2	2
35	Implications from predicted B-cell and T-cell epitopes of Plasmodium falciparum merozoite proteins EBA175-RII and Rh5. <i>Bioinformatics</i> , 2016, 12, 82-91.	0.5	2
36	Maintaining laboratory quality assurance and safety in a pandemic: Experiences from the KEMRI-Wellcome Trust Research Programme laboratory's COVID-19 response. <i>Wellcome Open Research</i> , 0, 6, 205.	1.8	0