

Lynette Isabella Ochola-Oyier

List of Publications by Year in descending order

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36
papers

956
citations

687335

13
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610883

24
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46
all docs

46
docs citations

46
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Targeted Amplicon Deep Sequencing for Monitoring Antimalarial Resistance Markers in Western Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0194521.	3.2	4
5	Genomic Epidemiology of SARS-CoV-2 in Seychelles, 2020â€“2021. <i>Viruses</i> , 2022, 14, 1318.	3.3	3
6	Maintenance of high temporal <i>Plasmodium falciparum</i> 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
7	Seroprevalence of antiâ€“SARS-CoV-2 IgG antibodies in Kenyan blood donors. <i>Science</i> , 2021, 371, 79-82.	12.6	247
8	An open dataset of <i>Plasmodium falciparum</i> genome variation in 7,000 worldwide samples. <i>Wellcome Open Research</i> , 2021, 6, 42.	1.8	97
9	The Design and Evaluation of a Mobile System for Rapid Diagnostic Test Interpretation. , 2021, 5, 1-26.		12
10	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
11	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
12	The <i>Plasmodium falciparum</i> Rh5 invasion protein complex reveals an excess of rare variant mutations. <i>Malaria Journal</i> , 2021, 20, 278.	2.3	10
13	Tracking the introduction and spread of SARS-CoV-2 in coastal Kenya. <i>Nature Communications</i> , 2021, 12, 4809.	12.8	32
14	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
15	COVID-19 transmission dynamics underlying epidemic waves in Kenya. <i>Science</i> , 2021, 374, 989-994.	12.6	62
16	An optimisation of four SARS-CoV-2 qRT-PCR assays in a Kenyan laboratory to support the national COVID-19 rapid response teams. <i>Wellcome Open Research</i> , 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. <i>Wellcome Open Research</i> , 2020, 5, 186.	1.8	13
18	Understanding <i>P. falciparum</i> Asymptomatic Infections: A Proposition for a Transcriptomic Approach. <i>Frontiers in Immunology</i> , 2019, 10, 2398.	4.8	27

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19	Targeted Next Generation Sequencing for malaria research in Africa: current status and outlook. <i>Malaria Journal</i> , 2019, 18, 324.	2.3	9
20	Few <i>Plasmodium falciparum</i> merozoite ligand and erythrocyte receptor pairs show evidence of balancing selection. <i>Infection, Genetics and Evolution</i> , 2019, 69, 235-245.	2.3	7
21	No Evidence of <i>Plasmodium falciparum</i> <i>k13</i> 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
22	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
23	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
24	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
25	Geographic-genetic analysis of <i>Plasmodium falciparum</i> parasite populations from surveys of primary school children in Western Kenya. <i>Wellcome Open Research</i> , 2017, 2, 29.	1.8	14
26	Comparison of allele frequencies of <i>Plasmodium falciparum</i> merozoite antigens in malaria infections sampled in different years in a Kenyan population. <i>Malaria Journal</i> , 2016, 15, 261.	2.3	7
27	Implications from predicted B-cell and T-cell epitopes of <i>Plasmodium falciparum</i> merozoite proteins EBA175-R11 and Rh5. <i>Bioinformatics</i> , 2016, 12, 82-91.	0.5	2
28	The MSPDBL2 Codon 591 Polymorphism Is Associated with Lumefantrine <i>In Vitro</i> Drug Responses in <i>Plasmodium falciparum</i> Isolates from Kilifi, Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1770-1775.	3.2	2
29	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
30	Piperaquine and Lumefantrine resistance in <i>Plasmodium berghei</i> 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
31	The Polymorphic Linker Domain of <i>pfpmr1</i> Is Associated with Resistance-Confering Mutations in <i>Plasmodium falciparum</i> Populations from East and West Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4595-4598.	3.2	3
32	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
33	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
34	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
35	Geographic-genetic analysis of <i>Plasmodium falciparum</i> parasite populations from surveys of primary school children in Western Kenya. <i>Wellcome Open Research</i> , 0, 2, 29.	1.8	10
36	Spatio-temporal distribution of antimalarial drug resistant gene mutations in a <i>Plasmodium falciparum</i> parasite population from Kilifi, Kenya: A 25-year retrospective study. <i>Wellcome Open Research</i> , 0, 7, 45.	1.8	8