

Lucas N Amenga-Etego

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,750
citations

567281

15
h-index

302126

39
g-index

43
all docs

43
docs citations

43
times ranked

3560
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic architecture of artemisinin-resistant <i>Plasmodium falciparum</i> . <i>Nature Genetics</i> , 2015, 47, 226-234.	21.4	515
2	Analysis of <i>Plasmodium falciparum</i> diversity in natural infections by deep sequencing. <i>Nature</i> , 2012, 487, 375-379.	27.8	450
3	Multiple populations of artemisinin-resistant <i>Plasmodium falciparum</i> in Cambodia. <i>Nature Genetics</i> , 2013, 45, 648-655.	21.4	424
4	K13-Propeller Polymorphisms in <i>Plasmodium falciparum</i> Parasites From Sub-Saharan Africa. <i>Journal of Infectious Diseases</i> , 2015, 211, 1352-5.	4.0	203
5	<i>Plasmodium malariae</i> and <i>P. ovale</i> genomes provide insights into malaria parasite evolution. <i>Nature</i> , 2017, 542, 101-104.	27.8	150
6	Whole genome sequencing of <i>Plasmodium falciparum</i> from dried blood spots using selective whole genome amplification. <i>Malaria Journal</i> , 2016, 15, 597.	2.3	129
7	Admixture into and within sub-Saharan Africa. <i>ELife</i> , 2016, 5, .	6.0	120
8	Major subpopulations of <i>Plasmodium falciparum</i> in sub-Saharan Africa. <i>Science</i> , 2019, 365, 813-816.	12.6	105
9	Seeking consent to genetic and genomic research in a rural Ghanaian setting: A qualitative study of the MalariaGEN experience. <i>BMC Medical Ethics</i> , 2012, 13, 15.	2.4	97
10	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
11	Genomic and environmental risk factors for cardiometabolic diseases in Africa: methods used for Phase 1 of the AWI-Gen population cross-sectional study. <i>Global Health Action</i> , 2018, 11, 1507133.	1.9	82
12	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	51
13	Monitoring parasite diversity for malaria elimination in sub-Saharan Africa. <i>Science</i> , 2014, 345, 1297-1298.	12.6	39
14	Highlights on the Application of Genomics and Bioinformatics in the Fight Against Infectious Diseases: Challenges and Opportunities in Africa. <i>Frontiers in Genetics</i> , 2018, 9, 575.	2.3	23
15	Socio-demographic and behavioural determinants of body mass index among an adult population in rural Northern Ghana: the AWI-Gen study. <i>Global Health Action</i> , 2018, 11, 1467588.	1.9	23
16	Genetic diversity of SARS-CoV-2 infections in Ghana from 2020-2021. <i>Nature Communications</i> , 2022, 13, 2494.	12.8	22
17	A Bayesian Approach to Inferring the Phylogenetic Structure of Communities from Metagenomic Data. <i>Genetics</i> , 2014, 197, 925-937.	2.9	20
18	Genomic analysis of SARS-CoV-2 reveals local viral evolution in Ghana. <i>Experimental Biology and Medicine</i> , 2021, 246, 960-970.	2.4	20

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19	Inferring Strain Mixture within Clinical Plasmodium falciparum Isolates from Genomic Sequence Data. PLoS Computational Biology, 2016, 12, e1004824.	3.2	19
20	Machine learning approaches classify clinical malaria outcomes based on haematological parameters. BMC Medicine, 2020, 18, 375.	5.5	17
21	The biology of unconventional invasion of Duffy-negative reticulocytes by Plasmodium vivax and its implication in malaria epidemiology and public health. Malaria Journal, 2020, 19, 299.	2.3	17
22	Age-specific patterns of DBL \pm var diversity can explain why residents of high malaria transmission areas remain susceptible to Plasmodium falciparum blood stage infection throughout life. International Journal for Parasitology, 2022, 52, 721-731.	3.1	15
23	<i>Plasmodium malariae</i> : current knowledge and future research opportunities on a neglected malaria parasite species. Critical Reviews in Microbiology, 2021, 47, 44-56.	6.1	14
24	Development of Cooperative Primer-Based Real-Time PCR Assays for the Detection of Plasmodium malariae and Plasmodium ovale. Journal of Molecular Diagnostics, 2021, 23, 1393-1403.	2.8	11
25	Indoor residual spraying with a non-pyrethroid insecticide reduces the reservoir of Plasmodium falciparum in a high-transmission area in northern Ghana. PLOS Global Public Health, 2022, 2, e0000285.	1.6	11
26	Approaches to estimating inbreeding coefficients in clinical isolates of Plasmodium falciparum from genomic sequence data. Malaria Journal, 2016, 15, 473.	2.3	10
27	Targeted Next Generation Sequencing for malaria research in Africa: current status and outlook. Malaria Journal, 2019, 18, 324.	2.3	9
28	Population genetic analysis of the Plasmodium falciparum circumsporozoite protein in two distinct ecological regions in Ghana. Malaria Journal, 2020, 19, 437.	2.3	8
29	Genomic analysis reveals independent evolution of Plasmodium falciparum populations in Ethiopia. Malaria Journal, 2021, 20, 129.	2.3	8
30	Temporal evolution of sulfadoxine-pyrimethamine resistance genotypes and genetic diversity in response to a decade of increased interventions against Plasmodium falciparum in northern Ghana. Malaria Journal, 2021, 20, 152.	2.3	6
31	Knowledge, attitude and perception of West Africans towards COVID-19: a survey to inform public health intervention. BMC Public Health, 2022, 22, 445.	2.9	6
32	Blood Pressure Indices and Associated Risk Factors in a Rural West African Adult Population: Insights from an AWI-Gen Substudy in Ghana. International Journal of Hypertension, 2020, 2020, 1-11.	1.3	5
33	Community engagement and feedback of results in the H3Africa AWI-Gen project: Experiences from the Navrongo Demographic and Health Surveillance site in Northern Ghana. AAS Open Research, 2021, 4, 15.	1.5	5
34	Age Estimate of GJB2-p.(Arg143Trp) Founder Variant in Hearing Impairment in Ghana, Suggests Multiple Independent Origins across Populations. Biology, 2022, 11, 476.	2.8	5
35	Candidate Gene Analysis Reveals Strong Association of CETP Variants With High Density Lipoprotein Cholesterol and PCSK9 Variants With Low Density Lipoprotein Cholesterol in Ghanaian Adults: An AWI-Gen Sub-Study. Frontiers in Genetics, 2020, 11, 456661.	2.3	4
36	<i>Plasmodium falciparum</i> Malaria Parasites in Ghana Show Signatures of Balancing Selection at Artemisinin Resistance Predisposing Background Genes. Evolutionary Bioinformatics, 2021, 17, 117693432199964.	1.2	4

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37	Fine scale human genetic structure in three regions of Cameroon reveals episodic diversifying selection. <i>Scientific Reports</i> , 2021, 11, 1039.	3.3	3
38	High-throughput genotyping assays for identification of glycophorin B deletion variants in population studies. <i>Experimental Biology and Medicine</i> , 2021, 246, 916-928.	2.4	2
39	Methods for fighting emerging pathogens. <i>Nature Methods</i> , 2022, , .	19.0	1