

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 | Age-specific patterns of DBL α 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Methods for fighting emerging pathogens. Nature Methods, 2022, , . | 19.0 | 1 |
| 5 | Genetic diversity of SARS-CoV-2 infections in Ghana from 2020-2021. Nature Communications, 2022, 13, 2494. | 12.8 | 22 |
| 6 | 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 |
| 7 | High-throughput genotyping assays for identification of glycoprotein B deletion variants in population studies. Experimental Biology and Medicine, 2021, 246, 916-928. | 2.4 | 2 |
| 8 | Genomic analysis of SARS-CoV-2 reveals local viral evolution in Ghana. Experimental Biology and Medicine, 2021, 246, 960-970. | 2.4 | 20 |
| 9 | <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 |
| 10 | Fine scale human genetic structure in three regions of Cameroon reveals episodic diversifying selection. Scientific Reports, 2021, 11, 1039. | 3.3 | 3 |
| 11 | <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 |
| 12 | An open dataset of Plasmodium falciparum genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42. | 1.8 | 97 |
| 13 | 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 |
| 14 | Genomic analysis reveals independent evolution of Plasmodium falciparum populations in Ethiopia. Malaria Journal, 2021, 20, 129. | 2.3 | 8 |
| 15 | 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 |
| 16 | An open dataset of Plasmodium falciparum genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42. | 1.8 | 51 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Machine learning approaches classify clinical malaria outcomes based on haematological parameters. BMC Medicine, 2020, 18, 375. | 5.5 | 17 |
| 20 | 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 |
| 21 | Population genetic analysis of the Plasmodium falciparum circumsporozoite protein in two distinct ecological regions in Ghana. Malaria Journal, 2020, 19, 437. | 2.3 | 8 |
| 22 | 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 |
| 23 | Major subpopulations of <i>Plasmodium falciparum</i> in sub-Saharan Africa. Science, 2019, 365, 813-816. | 12.6 | 105 |
| 24 | Targeted Next Generation Sequencing for malaria research in Africa: current status and outlook. Malaria Journal, 2019, 18, 324. | 2.3 | 9 |
| 25 | Highlights on the Application of Genomics and Bioinformatics in the Fight Against Infectious Diseases: Challenges and Opportunities in Africa. Frontiers in Genetics, 2018, 9, 575. | 2.3 | 23 |
| 26 | Genomic and environmental risk factors for cardiometabolic diseases in Africa: methods used for Phase 1 of the AWI-Gen population cross-sectional study. Global Health Action, 2018, 11, 1507133. | 1.9 | 82 |
| 27 | Socio-demographic and behavioural determinants of body mass index among an adult population in rural Northern Ghana: the AWI-Gen study. Global Health Action, 2018, 11, 1467588. | 1.9 | 23 |
| 28 | Plasmodium malariae and P. ovale genomes provide insights into malaria parasite evolution. Nature, 2017, 542, 101-104. | 27.8 | 150 |
| 29 | Admixture into and within sub-Saharan Africa. ELife, 2016, 5, . | 6.0 | 120 |
| 30 | Approaches to estimating inbreeding coefficients in clinical isolates of Plasmodium falciparum from genomic sequence data. Malaria Journal, 2016, 15, 473. | 2.3 | 10 |
| 31 | Inferring Strain Mixture within Clinical Plasmodium falciparum Isolates from Genomic Sequence Data. PLoS Computational Biology, 2016, 12, e1004824. | 3.2 | 19 |
| 32 | Whole genome sequencing of Plasmodium falciparum from dried blood spots using selective whole genome amplification. Malaria Journal, 2016, 15, 597. | 2.3 | 129 |
| 33 | K13-Propeller Polymorphisms in Plasmodium falciparum Parasites From Sub-Saharan Africa. Journal of Infectious Diseases, 2015, 211, 1352-5. | 4.0 | 203 |
| 34 | Genetic architecture of artemisinin-resistant Plasmodium falciparum. Nature Genetics, 2015, 47, 226-234. | 21.4 | 515 |
| 35 | A Bayesian Approach to Inferring the Phylogenetic Structure of Communities from Metagenomic Data. Genetics, 2014, 197, 925-937. | 2.9 | 20 |
| 36 | Monitoring parasite diversity for malaria elimination in sub-Saharan Africa. Science, 2014, 345, 1297-1298. | 12.6 | 39 |

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|----|--|------|-----------|
| 37 | Multiple populations of artemisinin-resistant <i>Plasmodium falciparum</i> in Cambodia. <i>Nature Genetics</i> , 2013, 45, 648-655. | 21.4 | 424 |
| 38 | 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 |
| 39 | Analysis of <i>Plasmodium falciparum</i> diversity in natural infections by deep sequencing. <i>Nature</i> , 2012, 487, 375-379. | 27.8 | 450 |