

Eric O Ochomo

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,539
citations

331670

21
h-index

345221

36
g-index

56
all docs

56
docs citations

56
times ranked

1473
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of insecticide resistance for malaria vector control with long-lasting insecticidal nets: a WHO-coordinated, prospective, international, observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 640-649.	9.1	188
2	Spatial and temporal variation in the kdr allele L1014S in <i>Anopheles gambiae</i> s.s. and phenotypic variability in susceptibility to insecticides in Western Kenya. <i>Malaria Journal</i> , 2011, 10, 10.	2.3	114
3	An online tool for mapping insecticide resistance in major <i>Anopheles</i> vectors of human malaria parasites and review of resistance status for the Afrotropical region. <i>Parasites and Vectors</i> , 2014, 7, 76.	2.5	108
4	Safety and mosquitocidal efficacy of high-dose ivermectin when co-administered with dihydroartemisinin-piperaquine in Kenyan adults with uncomplicated malaria (IVERMAL): a randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 615-626.	9.1	99
5	The efficacy of long-lasting nets with declining physical integrity may be compromised in areas with high levels of pyrethroid resistance. <i>Malaria Journal</i> , 2013, 12, 368.	2.3	90
6	Reemergence of <i>Anopheles funestus</i> as a Vector of <i>Plasmodium falciparum</i> in Western Kenya after Long-Term Implementation of Insecticide-Treated Bed Nets. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 597-604.	1.4	82
7	Design of a study to determine the impact of insecticide resistance on malaria vector control: a multi-country investigation. <i>Malaria Journal</i> , 2015, 14, 282.	2.3	64
8	Pyrethroid resistance in <i>Anopheles gambiae</i> s.s. and <i>Anopheles arabiensis</i> in western Kenya: phenotypic, metabolic and target site characterizations of three populations. <i>Medical and Veterinary Entomology</i> , 2013, 27, 156-164.	1.5	57
9	Pyrethroid susceptibility of malaria vectors in four Districts of western Kenya. <i>Parasites and Vectors</i> , 2014, 7, 310.	2.5	54
10	Candidate-gene based GWAS identifies reproducible DNA markers for metabolic pyrethroid resistance from standing genetic variation in East African <i>Anopheles gambiae</i> . <i>Scientific Reports</i> , 2018, 8, 2920.	3.3	51
11	Impact of indoor residual spraying with pirimiphos-methyl (Actellic 300CS) on entomological indicators of transmission and malaria case burden in Migori County, western Kenya. <i>Scientific Reports</i> , 2020, 10, 4518.	3.3	49
12	Insecticide-Treated Nets and Protection against Insecticide-Resistant Malaria Vectors in Western Kenya. <i>Emerging Infectious Diseases</i> , 2017, 23, 758-764.	4.3	41
13	A high throughput multi-locus insecticide resistance marker panel for tracking resistance emergence and spread in <i>Anopheles gambiae</i> . <i>Scientific Reports</i> , 2019, 9, 13335.	3.3	41
14	Presence of the knockdown resistance mutation, Vgsc-1014F in <i>Anopheles gambiae</i> and <i>An. arabiensis</i> in western Kenya. <i>Parasites and Vectors</i> , 2015, 8, 616.	2.5	36
15	RNA-seq analyses of changes in the <i>Anopheles gambiae</i> transcriptome associated with resistance to pyrethroids in Kenya: identification of candidate-resistance genes and candidate-resistance SNPs. <i>Parasites and Vectors</i> , 2015, 8, 474.	2.5	35
16	Phenotypic, genotypic and biochemical changes during pyrethroid resistance selection in <i>Anopheles gambiae</i> mosquitoes. <i>Scientific Reports</i> , 2020, 10, 19063.	3.3	31
17	Resting behaviour of malaria vectors in highland and lowland sites of western Kenya: Implication on malaria vector control measures. <i>PLoS ONE</i> , 2020, 15, e0224718.	2.5	30
18	Efficacy and Safety of High-Dose Ivermectin for Reducing Malaria Transmission (IVERMAL): Protocol for a Double-Blind, Randomized, Placebo-Controlled, Dose-Finding Trial in Western Kenya. <i>JMIR Research Protocols</i> , 2016, 5, e213.	1.0	30

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19	Influence of blood meal and age of mosquitoes on susceptibility to pyrethroids in <i>Anopheles gambiae</i> from Western Kenya. <i>Malaria Journal</i> , 2019, 18, 112.	2.3	29
20	Pharmacokinetics and Pharmacodynamics of High-Dose Ivermectin with Dihydroartemisinin-Piperaquine on Mosquitocidal Activity and QT Prolongation (IVERMAL). <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 388-401.	4.7	28
21	Diagnostic dose determination and efficacy of chlorfenapyr and clothianidin insecticides against <i>Anopheles malaria</i> vector populations of western Kenya. <i>Malaria Journal</i> , 2019, 18, 243.	2.3	28
22	Western Kenyan <i>Anopheles gambiae</i> showing intense permethrin resistance harbour distinct microbiota. <i>Malaria Journal</i> , 2021, 20, 77.	2.3	27
23	Analysis-ready datasets for insecticide resistance phenotype and genotype frequency in African malaria vectors. <i>Scientific Data</i> , 2019, 6, 121.	5.3	25
24	Host Decoy Trap (HDT) with cattle odour is highly effective for collection of exophagic malaria vectors. <i>Parasites and Vectors</i> , 2018, 11, 533.	2.5	24
25	Improved spatial ecological sampling using open data and standardization: an example from malaria mosquito surveillance. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20180941.	3.4	17
26	COVID-19 in sub-Saharan Africa: impacts on vulnerable populations and sustaining home-grown solutions. <i>Canadian Journal of Public Health</i> , 2020, 111, 649-653.	2.3	16
27	Human Direct Skin Feeding Versus Membrane Feeding to Assess the Mosquitocidal Efficacy of High-Dose Ivermectin (IVERMAL Trial). <i>Clinical Infectious Diseases</i> , 2019, 69, 1112-1119.	5.8	15
28	Secondary malaria vectors in western Kenya include novel species with unexpectedly high densities and parasite infection rates. <i>Parasites and Vectors</i> , 2021, 14, 252.	2.5	15
29	Insecticide resistance exerts significant fitness costs in immature stages of <i>Anopheles gambiae</i> in western Kenya. <i>Malaria Journal</i> , 2021, 20, 259.	2.3	15
30	Evaluation of the protective efficacy of a spatial repellent to reduce malaria incidence in children in western Kenya compared to placebo: study protocol for a cluster-randomized double-blinded control trial (the AEGIS program). <i>Trials</i> , 2022, 23, 260.	1.6	14
31	Quantifying the intensity of permethrin insecticide resistance in <i>Anopheles</i> mosquitoes in western Kenya. <i>Parasites and Vectors</i> , 2017, 10, 548.	2.5	13
32	Insecticide resistance status of indoor and outdoor resting malaria vectors in a highland and lowland site in Western Kenya. <i>PLoS ONE</i> , 2021, 16, e0240771.	2.5	12
33	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
34	Comparison of four outdoor mosquito trapping methods as potential replacements for human landing catches in western Kenya. <i>Parasites and Vectors</i> , 2021, 14, 320.	2.5	11
35	Impact of visual features on capture of <i>Aedes aegypti</i> with host decoy traps (HDT). <i>Medical and Veterinary Entomology</i> , 2021, 35, 169-176.	1.5	7
36	Behavioral responses of pyrethroid resistant and susceptible <i>Anopheles gambiae</i> mosquitoes to insecticide treated bed net. <i>PLoS ONE</i> , 2022, 17, e0266420.	2.5	6

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37	Efficacy of extended release formulations of Natularâ„¢ (spinosad) against larvae and adults of Anopheles mosquitoes in western Kenya. Malaria Journal, 2020, 19, 436.	2.3	5
38	A retail audit of mosquito control products in Busia County, western Kenya. Malaria Journal, 2021, 20, 163.	2.3	2
39	New opportunities for malaria vector control. Lancet, The, 2018, 392, 534-536.	13.7	0
40	Genetic markers associated with insecticide resistance and resting behaviour in Anopheles gambiae mosquitoes in selected sites in Kenya. Malaria Journal, 2021, 20, 461.	2.3	0
41	Title is missing!. , 2020, 15, e0224718.		0
42	Title is missing!. , 2020, 15, e0224718.		0
43	Title is missing!. , 2020, 15, e0224718.		0
44	Title is missing!. , 2020, 15, e0224718.		0