

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	Behavioral responses of pyrethroid resistant and susceptible <i>Anopheles gambiae</i> mosquitoes to insecticide treated bed net. PLoS ONE, 2022, 17, e0266420.	2.5	6
2	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
3	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
4	Western Kenyan <i>Anopheles gambiae</i> showing intense permethrin resistance harbour distinct microbiota. <i>Malaria Journal</i> , 2021, 20, 77.	2.3	27
5	Insecticide resistance status of indoor and outdoor resting malaria vectors in a highland and lowland site in Western Kenya. PLoS ONE, 2021, 16, e0240771.	2.5	12
6	A retail audit of mosquito control products in Busia County, western Kenya. <i>Malaria Journal</i> , 2021, 20, 163.	2.3	2
7	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
8	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
9	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
10	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
11	Genetic markers associated with insecticide resistance and resting behaviour in <i>Anopheles gambiae</i> mosquitoes in selected sites in Kenya. <i>Malaria Journal</i> , 2021, 20, 461.	2.3	0
12	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
13	Efficacy of extended release formulations of Natularâ„¢ (spinosad) against larvae and adults of <i>Anopheles</i> mosquitoes in western Kenya. <i>Malaria Journal</i> , 2020, 19, 436.	2.3	5
14	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
15	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
16	Resting behaviour of malaria vectors in highland and lowland sites of western Kenya: Implication on malaria vector control measures. PLoS ONE, 2020, 15, e0224718.	2.5	30
17	Title is missing!. , 2020, 15, e0224718.		0
18	Title is missing!. , 2020, 15, e0224718.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0224718.		0
20	Title is missing!. , 2020, 15, e0224718.		0
21	Pharmacokineticsâ€Pharmacodynamics of Highâ€Dose Ivermectin with Dihydroartemisininâ€Piperaquine on Mosquitocidal Activity and <scp>QT</scp>â€Prolongation (<scp>IVERMAL</scp>). Clinical Pharmacology and Therapeutics, 2019, 105, 388-401.	4.7	28
22	Analysis-ready datasets for insecticide resistance phenotype and genotype frequency in African malaria vectors. Scientific Data, 2019, 6, 121.	5.3	25
23	Diagnostic dose determination and efficacy of chlorfenapyr and clothianidin insecticides against Anopheles malaria vector populations of western Kenya. Malaria Journal, 2019, 18, 243.	2.3	28
24	A high throughput multi-locus insecticide resistance marker panel for tracking resistance emergence and spread in Anopheles gambiae. Scientific Reports, 2019, 9, 13335.	3.3	41
25	Improved spatial ecological sampling using open data and standardization: an example from malaria mosquito surveillance. Journal of the Royal Society Interface, 2019, 16, 20180941.	3.4	17
26	Influence of blood meal and age of mosquitoes on susceptibility to pyrethroids in Anopheles gambiae from Western Kenya. Malaria Journal, 2019, 18, 112.	2.3	29
27	Human Direct Skin Feeding Versus Membrane Feeding to Assess the Mosquitocidal Efficacy of High-Dose Ivermectin (IVERMAL Trial). Clinical Infectious Diseases, 2019, 69, 1112-1119.	5.8	15
28	Implications of insecticide resistance for malaria vector control with long-lasting insecticidal nets: a WHO-coordinated, prospective, international, observational cohort study. Lancet Infectious Diseases, The, 2018, 18, 640-649.	9.1	188
29	Candidate-gene based GWAS identifies reproducible DNA markers for metabolic pyrethroid resistance from standing genetic variation in East African Anopheles gambiae. Scientific Reports, 2018, 8, 2920.	3.3	51
30	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. Lancet Infectious Diseases, The, 2018, 18, 615-626.	9.1	99
31	Host Decoy Trap (HDT) with cattle odour is highly effective for collection of exophagic malaria vectors. Parasites and Vectors, 2018, 11, 533.	2.5	24
32	New opportunities for malaria vector control. Lancet, The, 2018, 392, 534-536.	13.7	0
33	Quantifying the intensity of permethrin insecticide resistance in Anopheles mosquitoes in western Kenya. Parasites and Vectors, 2017, 10, 548.	2.5	13
34	Insecticide-Treated Nets and Protection against Insecticide-Resistant Malaria Vectors in Western Kenya. Emerging Infectious Diseases, 2017, 23, 758-764.	4.3	41
35	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. JMIR Research Protocols, 2016, 5, e213.	1.0	30
36	Presence of the knockdown resistance mutation, Vgsc-1014F in Anopheles gambiae and An. arabiensis in western Kenya. Parasites and Vectors, 2015, 8, 616.	2.5	36

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37	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
38	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
39	Pyrethroid susceptibility of malaria vectors in four Districts of western Kenya. <i>Parasites and Vectors</i> , 2014, 7, 310.	2.5	54
40	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
41	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
42	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
43	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
44	Spatial and temporal variation in the <i>kdr</i> 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