

# Joseph Keating

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82  
papers

3,198  
citations

31  
h-index

55  
g-index

83  
ext. papers

3,529  
ext. citations

4.4  
avg. IF

4.67  
L-index

#	Paper	IF	Citations
82	Retrospective evaluation of the effectiveness of indoor residual spray with pirimiphos-methyl (Actellic) on malaria transmission in Zambia. <i>Malaria Journal</i> , <b>2021</b> , 20, 173	3.6	1
81	The effect of long-lasting insecticidal nets (LLINs) physical integrity on utilization.. <i>Malaria Journal</i> , <b>2021</b> , 20, 468	3.6	0
80	Clustering of asymptomatic Plasmodium falciparum infection and the effectiveness of targeted malaria control measures. <i>Malaria Journal</i> , <b>2020</b> , 19, 33	3.6	10
79	Donald J. Krogstad, MD (1943-2020), Physician-Scientist, Malaria Researcher, and Mentor. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 1748-1749	3.2	
78	Donald J. Krogstad, MD (1943-2020), Physician-Scientist, Malaria Researcher, and Mentor. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 1748-1749	3.2	
77	Impact of Four Rounds of Mass Drug Administration with Dihydroartemisinin-Piperaquine Implemented in Southern Province, Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 7-18	3.2	23
76	Recent Travel History and Malaria Infection in a Region of Heterogenous Transmission in Southern Province, Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 74-81	3.2	5
75	Cost-Effectiveness of Focal Mass Drug Administration and Mass Drug Administration with Dihydroartemisinin-Piperaquine for Malaria Prevention in Southern Province, Zambia: Results of a Community-Randomized Controlled Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 46-53	3.2	7
74	Pyrethroid and Carbamate Resistance in Giles along Lake Kariba in Southern Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 90-97	3.2	3
73	Treatment Coverage Estimation for Mass Drug Administration for Malaria with Dihydroartemisinin-Piperaquine in Southern Province, Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 19-27	3.2	8
72	Adherence to Mass Drug Administration with Dihydroartemisinin-Piperaquine and Clearance in Southern Province, Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 37-45	3.2	8
71	Malaria case management in Zambia: A cross-sectional health facility survey. <i>Acta Tropica</i> , <b>2019</b> , 195, 83-89	3.2	5
70	Development of a data collection and management system in West Africa: challenges and sustainability. <i>Infectious Diseases of Poverty</i> , <b>2018</b> , 7, 125	10.4	10
69	Do public health interventions crowd out private health investments? Malaria control policies in Eritrea. <i>Labour Economics</i> , <b>2017</b> , 45, 107-115	1.4	5
68	Willingness to pay for small solar powered bed net fans: results of a Becker-DeGroot-Marschak auction in Ghana. <i>Malaria Journal</i> , <b>2017</b> , 16, 316	3.6	4
67	Knowledge and perception towards net care and repair practice in Ethiopia. <i>Malaria Journal</i> , <b>2017</b> , 16, 396	3.6	7
66	The effect of small solar powered bed net fans on mosquito net use: results from a randomized controlled cross-over trial in southern Ghana. <i>Malaria Journal</i> , <b>2017</b> , 16, 12	3.6	10

65	Methodological Considerations for Use of Routine Health Information System Data to Evaluate Malaria Program Impact in an Era of Declining Malaria Transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 46-57	3.2	19
64	The relative contribution of climate variability and vector control coverage to changes in malaria parasite prevalence in Zambia 2006-2012. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 431	4	15
63	Perceptions on the effect of small electric fans on comfort inside bed nets in southern Ghana: a qualitative study. <i>Malaria Journal</i> , <b>2016</b> , 15, 580	3.6	11
62	Malaria vector research and control in Haiti: a systematic review. <i>Malaria Journal</i> , <b>2016</b> , 15, 376	3.6	20
61	Design and Testing of Novel Lethal Ovitrap to Reduce Populations of Aedes Mosquitoes: Community-Based Participatory Research between Industry, Academia and Communities in Peru and Thailand. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160386	3.7	12
60	Short-term Impact of Mass Drug Administration With Dihydroartemisinin Plus Piperaquine on Malaria in Southern Province Zambia: A Cluster-Randomized Controlled Trial. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1831-1839	7	74
59	Assessing the effectiveness of household-level focal mass drug administration and community-wide mass drug administration for reducing malaria parasite infection prevalence and incidence in Southern Province, Zambia: study protocol for a community randomized controlled trial. <i>Trials</i> , <b>2015</b> , 16, 347	2.8	29
58	Population-wide malaria testing and treatment with rapid diagnostic tests and artemether-lumefantrine in southern Zambia: a community randomized step-wedge control trial design. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 92, 913-921	3.2	58
57	Human African trypanosomiasis prevention, treatment and control costs: a systematic review. <i>Acta Tropica</i> , <b>2015</b> , 150, 4-13	3.2	38
56	Lymphatic filariasis and onchocerciasis prevention, treatment, and control costs across diverse settings: a systematic review. <i>Acta Tropica</i> , <b>2014</b> , 135, 86-95	3.2	37
55	A methodological framework for the improved use of routine health system data to evaluate national malaria control programs: evidence from Zambia. <i>Population Health Metrics</i> , <b>2014</b> , 12, 30	3	31
54	Community coverage with insecticide-treated mosquito nets and observed associations with all-cause child mortality and malaria parasite infections. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2014</b> , 91, 950-8	3.2	19
53	A description of malaria sentinel surveillance: a case study in Oromia Regional State, Ethiopia. <i>Malaria Journal</i> , <b>2014</b> , 13, 88	3.6	22
52	An assessment of malaria diagnostic capacity and quality in Ghana and the Republic of Benin. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2014</b> , 108, 662-9	2	6
51	Planning long lasting insecticide treated net campaigns: should households existing nets be taken into account?. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 174	4	14
50	Travel history and malaria infection risk in a low-transmission setting in Ethiopia: a case control study. <i>Malaria Journal</i> , <b>2013</b> , 12, 33	3.6	51
49	Shifts in malaria vector species composition and transmission dynamics along the Kenyan coast over the past 20 years. <i>Malaria Journal</i> , <b>2013</b> , 12, 13	3.6	138
48	Weighing for results: assessing the effect of IPTp - authors reply. <i>Lancet Infectious Diseases</i> , <b>2013</b> , 13, 292-3	25.5	

47	Measuring coverage in MNCH: total survey error and the interpretation of intervention coverage estimates from household surveys. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001386	11.6	26
46	Measuring coverage in MNCH: accuracy of measuring diagnosis and treatment of childhood malaria from household surveys in Zambia. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001417	11.6	41
45	Malaria prevention in pregnancy, birthweight, and neonatal mortality: a meta-analysis of 32 national cross-sectional datasets in Africa. <i>Lancet Infectious Diseases, The</i> , <b>2012</b> , 12, 942-9	25.5	158
44	Genetic diversity in the merozoite surface protein 1 and 2 genes of <i>Plasmodium falciparum</i> from the Artibonite Valley of Haiti. <i>Acta Tropica</i> , <b>2012</b> , 121, 6-12	3.2	9
43	Improving malaria control in West Africa: interruption of transmission as a paradigm shift. <i>Acta Tropica</i> , <b>2012</b> , 121, 175-83	3.2	10
42	A quasi-experimental evaluation of an interpersonal communication intervention to increase insecticide-treated net use among children in Zambia. <i>Malaria Journal</i> , <b>2012</b> , 11, 313	3.6	23
41	Determinants of hanging and use of ITNs in the context of near universal coverage in Zambia. <i>Health Policy and Planning</i> , <b>2012</b> , 27, 316-25	3.4	40
40	Reductions in artemisinin-based combination therapy consumption after the nationwide scale up of routine malaria rapid diagnostic testing in Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2012</b> , 87, 437-446	3.2	39
39	Evaluating indoor residual spray for reducing malaria infection prevalence in Eritrea: results from a community randomized control trial. <i>Acta Tropica</i> , <b>2011</b> , 119, 107-13	3.2	14
38	Claims about the misuse of insecticide-treated mosquito nets: are these evidence-based?. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001019	11.6	32
37	Malaria infection and anemia prevalence in Zambia's Luangwa District: an area of near-universal insecticide-treated mosquito net coverage. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2011</b> , 84, 152-7	3.2	22
36	Barriers to insecticide-treated mosquito net possession 2 years after a mass free distribution campaign in Luangwa District, Zambia. <i>PLoS ONE</i> , <b>2010</b> , 5, e13129	3.7	19
35	Expression of metallothionein and alpha-tubulin in heavy metal-tolerant <i>Anopheles gambiae sensu stricto</i> (Diptera: Culicidae). <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 46-50	7	30
34	Malaria elimination on Hispaniola. <i>Lancet Infectious Diseases, The</i> , <b>2010</b> , 10, 291-3	25.5	9
33	Chloroquine-resistant haplotype <i>Plasmodium falciparum</i> parasites, Haiti. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 735-40	10.2	36
32	<i>Plasmodium falciparum</i> parasite infection prevalence from a household survey in Zambia using microscopy and a rapid diagnostic test: implications for monitoring and evaluation. <i>Acta Tropica</i> , <b>2009</b> , 112, 277-82	3.2	39
31	Assessment of Insecticide-Treated Bednet Use Among Children and Pregnant Women Across 15 Countries Using Standardized National Surveys. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2009</b> , 80, 209-214	3.2	121
30	Assessment of insecticide-treated bednet use among children and pregnant women across 15 countries using standardized national surveys. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2009</b> , 80, 209-14	3.2	109

29	Integrated vector management for malaria control. <i>Malaria Journal</i> , <b>2008</b> , 7 Suppl 1, S4	3.6	189
28	Heavy metals in mosquito larval habitats in urban Kisumu and Malindi, Kenya, and their impact. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 70, 147-53	7	44
27	Abundance of immature Anopheles and culicines (Diptera: Culicidae) in different water body types in the urban environment of Malindi, Kenya. <i>Journal of Vector Ecology</i> , <b>2008</b> , 33, 107-16	1.5	9
26	Characterization of aquatic mosquito habitat, natural enemies, and immature mosquitoes in the Artibonite Valley, Haiti. <i>Journal of Vector Ecology</i> , <b>2008</b> , 33, 191-7	1.5	11
25	The role of unused swimming pools as a habitat for Anopheles immature stages in urban Malindi, Kenya. <i>Journal of the American Mosquito Control Association</i> , <b>2008</b> , 24, 457-9	0.9	10
24	A Description of Malaria-Related Knowledge, Perceptions, and Practices in the Artibonite Valley of Haiti: Implications for Malaria Control. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2008</b> , 78, 262-269	3.2	16
23	A description of malaria-related knowledge, perceptions, and practices in the Artibonite Valley of Haiti: implications for malaria control. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2008</b> , 78, 262-9 <sup>3.2</sup>	3.2	12
22	Prevalence of Plasmodium falciparum infection in rainy season, Artibonite Valley, Haiti, 2006. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 1494-6	10.2	31
21	The association between distance to water pipes and water bodies positive for anopheline mosquitoes (Diptera: Culicidae) in the urban community of Malindi, Kenya. <i>Journal of Vector Ecology</i> , <b>2007</b> , 32, 319-27	1.5	7
20	Comparison of mosquito control programs in seven urban sites in Africa, the Middle East, and the Americas. <i>Health Policy</i> , <b>2007</b> , 83, 196-212	3.2	33
19	Assessing effects of a media campaign on HIV/AIDS awareness and prevention in Nigeria: results from the VISION Project. <i>BMC Public Health</i> , <b>2006</b> , 6, 123	4.1	50
18	Differential Induction of Proteins in Anopheles gambiae sensu stricto (Diptera: Culicidae) Larvae in Response to Heavy Metal Selection. <i>International Journal of Tropical Insect Science</i> , <b>2006</b> , 26, 214-226	1	10
17	Rolling out insecticide treated nets in Eritrea: examining the determinants of possession and use in malarious zones during the rainy season. <i>Tropical Medicine and International Health</i> , <b>2006</b> , 11, 824-33	2.3	50
16	Community based vector control in Malindi, Kenya. <i>African Health Sciences</i> , <b>2006</b> , 6, 240-6	1.1	13
15	Anopheles gambiae s.l. and Anopheles funestus mosquito distributions at 30 villages along the Kenyan coast. <i>Journal of Medical Entomology</i> , <b>2005</b> , 42, 241-6	2.2	13
14	Anopheles gambiae s.l. and Anopheles funestus Mosquito Distributions at 30 Villages along the Kenyan Coast. <i>Journal of Medical Entomology</i> , <b>2005</b> , 42, 241-246	2.2	7
13	Self-reported malaria and mosquito avoidance in relation to household risk factors in a Kenyan coastal city. <i>Journal of Biosocial Science</i> , <b>2005</b> , 37, 761-71	1.6	16
12	Characterization of potential larval habitats for Anopheles mosquitoes in relation to urban land-use in Malindi, Kenya. <i>International Journal of Health Geographics</i> , <b>2004</b> , 3, 9	3.5	58

11	Ecological limitations on aquatic mosquito predator colonization in the urban environment. <i>Journal of Vector Ecology</i> , <b>2004</b> , 29, 331-9	1.5	25
10	Occurrence and distribution of Anopheles (Diptera: Culicidae) larval habitats on land cover change sites in urban Kisumu and urban Malindi, Kenya. <i>Journal of Medical Entomology</i> , <b>2003</b> , 40, 777-84	2.2	27
9	Linking field-based ecological data with remotely sensed data using a geographic information system in two malaria endemic urban areas of Kenya. <i>Malaria Journal</i> , <b>2003</b> , 2, 44	3.6	28
8	Spatial Distribution of Anopheles gambiae and Anopheles funestus and Malaria Transmission in Suba District, Western Kenya. <i>International Journal of Tropical Insect Science</i> , <b>2003</b> , 23, 187-196	1	4
7	MALARIA TRANSMISSION IN URBAN SUB-SAHARAN AFRICA. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 169-176	3.2	244
6	A GEOGRAPHIC SAMPLING STRATEGY FOR STUDYING RELATIONSHIPS BETWEEN HUMAN ACTIVITY AND MALARIA VECTORS IN URBAN AFRICA. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 357-365	3.2	55
5	SPATIAL AND TEMPORAL HETEROGENEITY OF ANOPHELES MOSQUITOES AND PLASMODIUM FALCIPARUM TRANSMISSION ALONG THE KENYAN COAST. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 734-742	3.2	169
4	Malaria transmission in urban sub-Saharan Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 169-76	3.2	185
3	A geographic sampling strategy for studying relationships between human activity and malaria vectors in urban Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 357-65	3.2	49
2	Spatial and temporal heterogeneity of Anopheles mosquitoes and Plasmodium falciparum transmission along the Kenyan coast. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 734-42	3.2	160
1	Examining the determinants of mosquito-avoidance practices in two Kenyan cities. <i>Malaria Journal</i> , <b>2002</b> , 1, 14	3.6	44