

Katherine E Battle

List of Publications by Year in Descending Order

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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.

50 papers	6,915 citations	27 h-index	56 g-index
56 ext. papers	8,866 ext. citations	10.4 avg, IF	5.03 L-index

#	Paper	IF	Citations
50	The global burden of <i>Plasmodium vivax</i> malaria is obscure and insidious. <i>PLoS Medicine</i> , 2021 , 18, e10037996	11.5	3
49	Mapping malaria by sharing spatial information between incidence and prevalence data sets. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021 , 70, 733-749	1.5	1
48	Maps and metrics of insecticide-treated net access, use, and nets-per-capita in Africa from 2000-2020. <i>Nature Communications</i> , 2021 , 12, 3589	17.4	8
47	Mapping the endemicity and seasonality of clinical malaria for intervention targeting in Haiti using routine case data. <i>ELife</i> , 2021 , 10,	8.9	1
46	Global economic costs due to vivax malaria and the potential impact of its radical cure: A modelling study. <i>PLoS Medicine</i> , 2021 , 18, e1003614	11.6	2
45	Indirect effects of the COVID-19 pandemic on malaria intervention coverage, morbidity, and mortality in Africa: a geospatial modelling analysis. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 59-69	25.5	71
44	Quantifying malaria acquired during travel and its role in malaria elimination on Bioko Island. <i>Malaria Journal</i> , 2021 , 20, 359	3.6	1
43	<i>Plasmodium vivax</i> in the Era of the Shrinking <i>P. falciparum</i> Map. <i>Trends in Parasitology</i> , 2020 , 36, 560-570	6.4	54
42	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach. <i>PLoS Computational Biology</i> , 2020 , 16, e1007707	5	6
41	Mapping malaria seasonality in Madagascar using health facility data. <i>BMC Medicine</i> , 2020 , 18, 26	11.4	10
40	Global estimation of anti-malarial drug effectiveness for the treatment of uncomplicated <i>Plasmodium falciparum</i> malaria 1991-2019. <i>Malaria Journal</i> , 2020 , 19, 374	3.6	9
39	Improving disaggregation models of malaria incidence by ensembling non-linear models of prevalence. <i>Spatial and Spatio-temporal Epidemiology</i> , 2020 , 100357	3.5	3
38	Association between the proportion of <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> infections detected by passive surveillance and the magnitude of the asymptomatic reservoir in the community: a pooled analysis of paired health facility and community data. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 953-963	25.5	6
37	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
36	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
35	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		
34	Tracking progress towards malaria elimination in China: Individual-level estimates of transmission and its spatiotemporal variation using a diffusion network approach 2020 , 16, e1007707		

33	Mapping the global prevalence, incidence, and mortality of <i>Plasmodium falciparum</i> , 2000-17: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 394, 322-331	4.0	155
32	Mapping the global endemicity and clinical burden of <i>Plasmodium vivax</i> , 2000-17: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 394, 332-343	4.0	149
31	Human mobility patterns and malaria importation on Bioko Island. <i>Nature Communications</i> , 2019 , 10, 2332	17.4	28
30	Growing evidence of <i>Plasmodium vivax</i> across malaria-endemic Africa. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007140	4.8	70
29	Consultative meeting that examined alignment and discrepancies between health facility and household survey data in Malawi. <i>Malaria Journal</i> , 2019 , 18, 411	3.6	4
28	Primaquine ineligibility in anti-relapse therapy of <i>Plasmodium vivax</i> malaria: the problem of G6PD deficiency and cytochrome P-450 2D6 polymorphisms. <i>Malaria Journal</i> , 2018 , 17, 42	3.6	41
27	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. <i>Gates Open Research</i> , 2018 , 2, 32	2.4	14
26	malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. <i>Malaria Journal</i> , 2018 , 17, 352	3.6	38
25	Spatio-temporal mapping of Madagascar's Malaria Indicator Survey results to assess <i>Plasmodium falciparum</i> endemicity trends between 2011 and 2016. <i>BMC Medicine</i> , 2018 , 16, 71	11.4	34
24	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1211-1259	4.0	3432
23	Challenges for achieving safe and effective radical cure of <i>Plasmodium vivax</i> : a round table discussion of the APMEN Vivax Working Group. <i>Malaria Journal</i> , 2017 , 16, 141	3.6	36
22	Treatment-seeking rates in malaria endemic countries. <i>Malaria Journal</i> , 2016 , 15, 20	3.6	37
21	Mapping <i>Plasmodium falciparum</i> Mortality in Africa between 1990 and 2015. <i>New England Journal of Medicine</i> , 2016 , 375, 2435-2445	59.2	166
20	Global Epidemiology of <i>Plasmodium vivax</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 95, 15-34	3.2	215
19	Defining the relationship between infection prevalence and clinical incidence of <i>Plasmodium falciparum</i> malaria. <i>Nature Communications</i> , 2015 , 6, 8170	17.4	52
18	Global database of matched <i>Plasmodium falciparum</i> and <i>P. vivax</i> incidence and prevalence records from 1985-2013. <i>Scientific Data</i> , 2015 , 2, 150012	8.2	19
17	<i>Plasmodium vivax</i> Transmission in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004222	4.8	71
16	Defining the relationship between <i>Plasmodium vivax</i> parasite rate and clinical disease. <i>Malaria Journal</i> , 2015 , 14, 191	3.6	8

15	Prioritising Infectious Disease Mapping. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003756	4.8	20
14	Geographical variation in <i>Plasmodium vivax</i> relapse. <i>Malaria Journal</i> , 2014 , 13, 144	3.6	167
13	Global spread of dengue virus types: mapping the 70 year history. <i>Trends in Microbiology</i> , 2014 , 22, 138-46	4.4	368
12	Global database of leishmaniasis occurrence locations, 1960-2012. <i>Scientific Data</i> , 2014 , 1, 140036	8.2	34
11	Global distribution maps of the leishmaniasis. <i>ELife</i> , 2014 , 3,	8.9	151
10	Modelling the contribution of the hypnozoite reservoir to <i>Plasmodium vivax</i> transmission. <i>ELife</i> , 2014 , 3,	8.9	65
9	Geographical origin of post-landmine injury malaria infections. <i>Disaster Medicine and Public Health Preparedness</i> , 2014 , 8, 417-21	2.8	1
8	Spatial distribution of G6PD deficiency variants across malaria-endemic regions. <i>Malaria Journal</i> , 2013 , 12, 418	3.6	102
7	G6PD deficiency: global distribution, genetic variants and primaquine therapy. <i>Advances in Parasitology</i> , 2013 , 81, 133-201	3.2	143
6	The global public health significance of <i>Plasmodium vivax</i> . <i>Advances in Parasitology</i> , 2012 , 80, 1-111	3.2	91
5	Ross, macdonald, and a theory for the dynamics and control of mosquito-transmitted pathogens. <i>PLoS Pathogens</i> , 2012 , 8, e1002588	7.6	308
4	A long neglected world malaria map: <i>Plasmodium vivax</i> endemicity in 2010. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1814	4.8	392
3	G6PD deficiency prevalence and estimates of affected populations in malaria endemic countries: a geostatistical model-based map. <i>PLoS Medicine</i> , 2012 , 9, e1001339	11.6	298
2	Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. <i>Gates Open Research</i> , 2012 , 2, 32	2.4	1
1	Mapping malaria by sharing spatial information between incidence and prevalence datasets		2