

Olivier Briant

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,766
citations

279798

23
h-index

233421

45
g-index

48
all docs

48
docs citations

48
times ranked

4820
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of malaria control on Plasmodium falciparum in Africa between 2000 and 2015. <i>Nature</i> , 2015, 526, 207-211.	27.8	2,140
2	Behavioural heterogeneity of Anopheles species in ecologically different localities in Southeast Asia: a challenge for vector control. <i>Tropical Medicine and International Health</i> , 2005, 10, 251-262.	2.3	158
3	Consistently high estimates for the proportion of human exposure to malaria vector populations occurring indoors in rural Africa. <i>International Journal of Epidemiology</i> , 2013, 42, 235-247.	1.9	143
4	Mapping malaria transmission in West and Central Africa. <i>Tropical Medicine and International Health</i> , 2006, 11, 1032-1046.	2.3	102
5	An empirical malaria distribution map for West Africa. <i>Tropical Medicine and International Health</i> , 2001, 6, 779-786.	2.3	100
6	Human exposure to anopheline mosquitoes occurs primarily indoors, even for users of insecticide-treated nets in Luangwa Valley, South-east Zambia. <i>Parasites and Vectors</i> , 2012, 5, 101.	2.5	97
7	Malaria transmission in relation to rice cultivation in the irrigated Sahel of Mali. <i>Acta Tropica</i> , 2004, 89, 147-159.	2.0	90
8	Effects of pyrethroid resistance on the cost effectiveness of a mass distribution of long-lasting insecticidal nets: a modelling study. <i>Malaria Journal</i> , 2013, 12, 77.	2.3	61
9	Temporal correlation between malaria and rainfall in Sri Lanka. <i>Malaria Journal</i> , 2008, 7, 77.	2.3	59
10	Malaria incidence in relation to rice cultivation in the irrigated Sahel of Mali. <i>Acta Tropica</i> , 2004, 89, 161-170.	2.0	56
11	Models for short term malaria prediction in Sri Lanka. <i>Malaria Journal</i> , 2008, 7, 76.	2.3	54
12	Applications and limitations of Centers for Disease Control and Prevention miniature light traps for measuring biting densities of African malaria vector populations: a pooled-analysis of 13 comparisons with human landing catches. <i>Malaria Journal</i> , 2015, 14, 247.	2.3	48
13	The relationship between Anopheles gambiae density and rice cultivation in the savannah zone and forest zone of Cote d'Ivoire. <i>Tropical Medicine and International Health</i> , 2003, 8, 439-448.	2.3	43
14	Rice irrigation and schistosomiasis in savannah and forest areas of CÔte d'Ivoire. <i>Acta Tropica</i> , 2005, 93, 201-211.	2.0	39
15	Modelling the cost-effectiveness of mass screening and treatment for reducing Plasmodium falciparum malaria burden. <i>Malaria Journal</i> , 2013, 12, 4.	2.3	37
16	Generalized Seasonal Autoregressive Integrated Moving Average Models for Count Data with Application to Malaria Time Series with Low Case Numbers. <i>PLoS ONE</i> , 2013, 8, e65761.	2.5	35
17	Importance of factors determining the effective lifetime of a mass, long-lasting, insecticidal net distribution: a sensitivity analysis. <i>Malaria Journal</i> , 2012, 11, 20.	2.3	34
18	Effects of changing mosquito host searching behaviour on the cost effectiveness of a mass distribution of long-lasting, insecticidal nets: a modelling study. <i>Malaria Journal</i> , 2013, 12, 215.	2.3	34

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19	Attrition, physical integrity and insecticidal activity of long-lasting insecticidal nets in sub-Saharan Africa and modelling of their impact on vectorial capacity. <i>Malaria Journal</i> , 2020, 19, 310.	2.3	34
20	Uses of mosquito-stage transmission-blocking vaccines against <i>Plasmodium falciparum</i> . <i>Trends in Parasitology</i> , 2011, 27, 190-196.	3.3	31
21	Sri Lanka malaria maps. <i>Malaria Journal</i> , 2003, 2, 22.	2.3	30
22	Maps of the Sri Lanka malaria situation preceding the tsunami and key aspects to be considered in the emergency phase and beyond. <i>Malaria Journal</i> , 2005, 4, 8.	2.3	29
23	A simple method for calculating mosquito mortality rates, correcting for seasonal variations in recruitment. <i>Medical and Veterinary Entomology</i> , 2002, 16, 22-27.	1.5	28
24	Micro-encapsulated pirimiphos-methyl shows high insecticidal efficacy and long residual activity against pyrethroid-resistant malaria vectors in central Côte d'Ivoire. <i>Malaria Journal</i> , 2014, 13, 332.	2.3	24
25	Selection of mosquito life-histories: a hidden weapon against malaria?. <i>Malaria Journal</i> , 2012, 11, 106.	2.3	22
26	Repeated mass distributions and continuous distribution of long-lasting insecticidal nets: modelling sustainability of health benefits from mosquito nets, depending on case management. <i>Malaria Journal</i> , 2013, 12, 401.	2.3	22
27	Can we depend on case management to prevent re-establishment of <i>P. falciparum</i> malaria, after local interruption of transmission?. <i>Epidemics</i> , 2012, 4, 1-8.	3.0	19
28	Malaria seasonality and rainfall seasonality in Sri Lanka are correlated in space. <i>Geospatial Health</i> , 2008, 2, 183.	0.8	18
29	Estimating <i>Plasmodium falciparum</i> Transmission Rates in Low-Endemic Settings Using a Combination of Community Prevalence and Health Facility Data. <i>PLoS ONE</i> , 2012, 7, e42861.	2.5	18
30	Malaria in Sri Lanka: one year post-tsunami. <i>Malaria Journal</i> , 2006, 5, 42.	2.3	15
31	Models of effectiveness of interventions against malaria transmitted by <i>Anopheles albimanus</i> . <i>Malaria Journal</i> , 2019, 18, 263.	2.3	15
32	Perceptions on the effect of small electric fans on comfort inside bed nets in southern Ghana: a qualitative study. <i>Malaria Journal</i> , 2016, 15, 580.	2.3	14
33	Measurement of overall insecticidal effects in experimental hut trials. <i>Parasites and Vectors</i> , 2012, 5, 256.	2.5	13
34	Simulated Impact of RTS,S/AS01 Vaccination Programs in the Context of Changing Malaria Transmission. <i>PLoS ONE</i> , 2012, 7, e32587.	2.5	13
35	Living on the edge: a longitudinal study of <i>Anopheles funestus</i> in an isolated area of Mozambique. <i>Malaria Journal</i> , 2013, 12, 208.	2.3	13
36	Clustering of Vector Control Interventions Has Important Consequences for Their Effectiveness: A Modelling Study. <i>PLoS ONE</i> , 2014, 9, e97065.	2.5	12

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37	The effect of small solar powered "Biki"™ net fans on mosquito net use: results from a randomized controlled cross-over trial in southern Ghana. <i>Malaria Journal</i> , 2017, 16, 12.	2.3	12
38	Spectrum-Malaria: a user-friendly projection tool for health impact assessment and strategic planning by malaria control programmes in sub-Saharan Africa. <i>Malaria Journal</i> , 2017, 16, 68.	2.3	12
39	2009 Pandemic Influenza A (H1N1) Virus Outbreak and Response " Rwanda, October, 2009"May, 2010. <i>PLoS ONE</i> , 2012, 7, e31572.	2.5	10
40	A Novel Approach for Measuring the Burden of Uncomplicated <i>Plasmodium falciparum</i> Malaria: Application to Data from Zambia. <i>PLoS ONE</i> , 2013, 8, e57297.	2.5	10
41	A low-cost mesocosm for the study of behaviour and reproductive potential in <i>Aedes triseriatus</i> mosquito (<i>Diptera: Culicidae</i>) vectors of malaria. <i>Medical and Veterinary Entomology</i> , 2015, 29, 104-109.	1.5	8
42	Evidence of an "invitation" effect in feeding sylvatic <i>Stegomyia albopicta</i> from Cambodia. <i>Parasites and Vectors</i> , 2014, 7, 324.	2.5	7
43	Priority Setting in HIV, Tuberculosis, and Malaria " New Cost-Effectiveness Results From WHO-CHOICE. <i>International Journal of Health Policy and Management</i> , 2021, , .	0.9	4
44	Current Status of Malaria and Anti-Malarial Drug Resistance in Sri Lanka. <i>Ceylon Journal of Science (Biological Sciences)</i> , 2009, 37, 15.	0.2	2
45	Incidence and consequences of damage to insecticide-treated mosquito nets in Kenya. <i>Malaria Journal</i> , 2021, 20, 476.	2.3	1
46	Response to "Applying the ICMJE authorship criteria to operational research in low-income countries: the need to engage programme managers and policy makers" by Zachariah et al. (2013) <i>TMIH</i> 18, pp. 1025"1028. <i>Tropical Medicine and International Health</i> , 2014, 19, 128-128.	2.3	0