

Peter Gething

List of Publications by Citations

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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.

196
papers

46,815
citations

79
h-index

207
g-index

207
ext. papers

57,936
ext. citations

14.3
avg, IF

6.48
L-index

#	Paper	IF	Citations
196	The global distribution and burden of dengue. <i>Nature</i> , 2013 , 496, 504-7	50.4	5261
195	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1545-1602	40	3801
194	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1459-1544	40	3525
193	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	40	3432
192	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1151-1210	40	2542
191	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1659-1724	40	2431
190	The effect of malaria control on Plasmodium falciparum in Africa between 2000 and 2015. <i>Nature</i> , 2015 , 526, 207-211	50.4	1499
189	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1345-1422	40	1378
188	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1603-1658	40	1216
187	Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. <i>Lancet, The</i> , 2015 , 386, 2145-91	40	1203
186	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1260-1344	40	1152
185	Refining the global spatial limits of dengue virus transmission by evidence-based consensus. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1760	4.8	913
184	Global epidemiology of sickle haemoglobin in neonates: a contemporary geostatistical model-based map and population estimates. <i>Lancet, The</i> , 2013 , 381, 142-51	40	591
183	Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 1191-1210	25.5	534
182	A new world malaria map: Plasmodium falciparum endemicity in 2010. <i>Malaria Journal</i> , 2011 , 10, 378	3.6	490
181	Estimates of the global, regional, and national morbidity, mortality, and aetiologies of diarrhoea in 195 countries: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 1211-1228	25.5	478
180	Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1775-1812	40	476

179	A world malaria map: Plasmodium falciparum endemicity in 2007. <i>PLoS Medicine</i> , 2009 , 6, e1000048	11.6	436
178	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1084-1150	40	421
177	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1725-1774	40	413
176	A long neglected world malaria map: Plasmodium vivax endemicity in 2010. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1814	4.8	392
175	Nations within a nation: variations in epidemiological transition across the states of India, 1990-2016 in the Global Burden of Disease Study. <i>Lancet, The</i> , 2017 , 390, 2437-2460	40	391
174	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015. <i>Lancet HIV,the</i> , 2016 , 3, e361-e387	7.8	382
173	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 391, 2236-2271	40	381
172	A global map of travel time to cities to assess inequalities in accessibility in 2015. <i>Nature</i> , 2018 , 553, 333-336	5.4	376
171	The dominant Anopheles vectors of human malaria in Africa, Europe and the Middle East: occurrence data, distribution maps and bionomic profiles. <i>Parasites and Vectors</i> , 2010 , 3, 117	4	375
170	The international limits and population at risk of Plasmodium vivax transmission in 2009. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e774	4.8	353
169	A global map of dominant malaria vectors. <i>Parasites and Vectors</i> , 2012 , 5, 69	4	347
168	The dominant Anopheles vectors of human malaria in the Asia-Pacific region: occurrence data, distribution maps and bionomic profiles. <i>Parasites and Vectors</i> , 2011 , 4, 89	4	323
167	Global distribution of the sickle cell gene and geographical confirmation of the malaria hypothesis. <i>Nature Communications</i> , 2010 , 1, 104	17.4	306
166	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1813-1850	40	302
165	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
164	Modelling adult Aedes aegypti and Aedes albopictus survival at different temperatures in laboratory and field settings. <i>Parasites and Vectors</i> , 2013 , 6, 351	4	256
163	Estimating the global clinical burden of Plasmodium falciparum malaria in 2007. <i>PLoS Medicine</i> , 2010 , 7, e1000290	11.6	252
162	Climate change and the global malaria recession. <i>Nature</i> , 2010 , 465, 342-5	50.4	250

161	Averting a malaria disaster: will insecticide resistance derail malaria control?. <i>Lancet, The</i> , 2016 , 387, 1785-8	40	247
160	A systematic review of mathematical models of mosquito-borne pathogen transmission: 1970-2010. <i>Journal of the Royal Society Interface</i> , 2013 , 10, 20120921	4.1	239
159	Mapping the zoonotic niche of Ebola virus disease in Africa. <i>ELife</i> , 2014 , 3, e04395	8.9	234
158	Mapping global environmental suitability for Zika virus. <i>ELife</i> , 2016 , 5,	8.9	231
157	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1160-1203	40	228
156	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1423-1459	40	224
155	The dominant Anopheles vectors of human malaria in the Americas: occurrence data, distribution maps and bionomic profiles. <i>Parasites and Vectors</i> , 2010 , 3, 72	4	222
154	The global distribution of the Duffy blood group. <i>Nature Communications</i> , 2011 , 2, 266	17.4	215
153	Global temperature constraints on <i>Aedes aegypti</i> and <i>Ae. albopictus</i> persistence and competence for dengue virus transmission. <i>Parasites and Vectors</i> , 2014 , 7, 338	4	212
152	Geographical variation in <i>Plasmodium vivax</i> relapse. <i>Malaria Journal</i> , 2014 , 13, 144	3.6	167
151	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
150	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	40	155
149	Global distribution maps of the leishmaniasis. <i>ELife</i> , 2014 , 3,	8.9	151
148	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	40	149
147	Mapping under-5 and neonatal mortality in Africa, 2000-15: a baseline analysis for the Sustainable Development Goals. <i>Lancet, The</i> , 2017 , 390, 2171-2182	40	142
146	Global mapping of infectious disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120250	5.8	139
145	Developing global maps of the dominant anopheles vectors of human malaria. <i>PLoS Medicine</i> , 2010 , 7, e1000209	11.6	131
144	Malaria eradication within a generation: ambitious, achievable, and necessary. <i>Lancet, The</i> , 2019 , 394, 1056-1112	40	130

143	Modelling the global constraints of temperature on transmission of Plasmodium falciparum and P. vivax. <i>Parasites and Vectors</i> , 2011 , 4, 92	4	130
142	The global distribution of Crimean-Congo hemorrhagic fever. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015 , 109, 503-13	2	126
141	Predicting the risk of avian influenza A H7N9 infection in live-poultry markets across Asia. <i>Nature Communications</i> , 2014 , 5, 4116	17.4	124
140	Mapping child growth failure in Africa between 2000 and 2015. <i>Nature</i> , 2018 , 555, 41-47	50.4	118
139	An effective approach for gap-filling continental scale remotely sensed time-series. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014 , 98, 106-118	11.8	118
138	Modelling distances travelled to government health services in Kenya. <i>Tropical Medicine and International Health</i> , 2006 , 11, 188-96	2.3	114
137	Geographical inequalities in use of improved drinking water supply and sanitation across Sub-Saharan Africa: mapping and spatial analysis of cross-sectional survey data. <i>PLoS Medicine</i> , 2014 , 11, e1001626	11.6	113
136	The risks of malaria infection in Kenya in 2009. <i>BMC Infectious Diseases</i> , 2009 , 9, 180	4	112
135	Ranking of elimination feasibility between malaria-endemic countries. <i>Lancet, The</i> , 2010 , 376, 1579-91	40	111
134	Recasting the theory of mosquito-borne pathogen transmission dynamics and control. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2014 , 108, 185-97	2	110
133	Coverage of malaria protection in pregnant women in sub-Saharan Africa: a synthesis and analysis of national survey data. <i>Lancet Infectious Diseases, The</i> , 2011 , 11, 190-207	25.5	108
132	Housing Improvements and Malaria Risk in Sub-Saharan Africa: A Multi-Country Analysis of Survey Data. <i>PLoS Medicine</i> , 2017 , 14, e1002234	11.6	105
131	The geography of imported malaria to non-endemic countries: a meta-analysis of nationally reported statistics. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 98-107	25.5	105
130	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. <i>Eurosurveillance</i> , 2016 , 21,	19.8	97
129	Vectorial capacity and vector control: reconsidering sensitivity to parameters for malaria elimination. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2016 , 110, 107-17	2	96
128	Coverage and system efficiencies of insecticide-treated nets in Africa from 2000 to 2017. <i>ELife</i> , 2015 , 4,	8.9	94
127	A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. <i>ELife</i> , 2014 , 3, e02130	8.9	92
126	The global public health significance of Plasmodium vivax. <i>Advances in Parasitology</i> , 2012 , 80, 1-111	3.2	91

125	Improving imperfect data from health management information systems in Africa using space-time geostatistics. <i>PLoS Medicine</i> , 2006 , 3, e271	11.6	91
124	Spatial modelling of soil-transmitted helminth infections in Kenya: a disease control planning tool. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e958	4.8	90
123	Using remotely sensed night-time light as a proxy for poverty in Africa. <i>Population Health Metrics</i> , 2008 , 6, 5	3	88
122	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019 , 574, 353-358.4	58.4	87
121	Mapping land cover change over continental Africa using Landsat and Google Earth Engine cloud computing. <i>PLoS ONE</i> , 2017 , 12, e0184926	3.7	84
120	Geographical access to care at birth in Ghana: a barrier to safe motherhood. <i>BMC Public Health</i> , 2012 , 12, 991	4.1	84
119	Urbanization and the global malaria recession. <i>Malaria Journal</i> , 2013 , 12, 133	3.6	81
118	Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. <i>Nature</i> , 2019 , 568, 391-394	50.4	74
117	Potential for reduction of burden and local elimination of malaria by reducing Plasmodium falciparum malaria transmission: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , 2016 , 16, 465-72	25.5	74
116	Re-examining environmental correlates of Plasmodium falciparum malaria endemicity: a data-intensive variable selection approach. <i>Malaria Journal</i> , 2015 , 14, 68	3.6	72
115	Geographical distributions of African malaria vector sibling species and evidence for insecticide resistance. <i>Malaria Journal</i> , 2017 , 16, 85	3.6	72
114	Transmission-blocking interventions eliminate malaria from laboratory populations. <i>Nature Communications</i> , 2013 , 4, 1812	17.4	72
113	The applications of model-based geostatistics in helminth epidemiology and control. <i>Advances in Parasitology</i> , 2011 , 74, 267-96	3.2	72
112	Plasmodium vivax Transmission in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004222	4.8	71
111	Indirect effects of the COVID-19 pandemic on malaria intervention coverage, morbidity, and mortality in Africa: a geospatial modelling analysis. <i>Lancet Infectious Diseases</i> , 2021 , 21, 59-69	25.5	71
110	Growing evidence of Plasmodium vivax across malaria-endemic Africa. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007140	4.8	70
109	Estimating the number of paediatric fevers associated with malaria infection presenting to Africa's public health sector in 2007. <i>PLoS Medicine</i> , 2010 , 7, e1000301	11.6	68
108	Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000-2015. <i>New England Journal of Medicine</i> , 2018 , 379, 1128-1138	59.2	68

107	Defining the geographical range of the Plasmodium knowlesi reservoir. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2780	4.8	67
106	How long do rapid diagnostic tests remain positive after anti-malarial treatment?. <i>Malaria Journal</i> , 2018 , 17, 228	3.6	65
105	A sticky situation: the unexpected stability of malaria elimination. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120145	5.8	62
104	Improved prediction accuracy for disease risk mapping using Gaussian process stacked generalization. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	61
103	Spatial prediction of Plasmodium falciparum prevalence in Somalia. <i>Malaria Journal</i> , 2008 , 7, 159	3.6	60
102	Funding for malaria control 2006-2010: a comprehensive global assessment. <i>Malaria Journal</i> , 2012 , 11, 246	3.6	58
101	Bayesian geostatistics in health cartography: the perspective of malaria. <i>Trends in Parasitology</i> , 2011 , 27, 246-53	6.4	58
100	Mapping diphtheria-pertussis-tetanus vaccine coverage in Africa, 2000-2016: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 393, 1843-1855	4.0	55
99	The distribution of haemoglobin C and its prevalence in newborns in Africa. <i>Scientific Reports</i> , 2013 , 3, 1671	4.9	55
98	The effects of spatial population dataset choice on estimates of population at risk of disease. <i>Population Health Metrics</i> , 2011 , 9, 4	3	53
97	A spatial national health facility database for public health sector planning in Kenya in 2008. <i>International Journal of Health Geographics</i> , 2009 , 8, 13	3.5	53
96	Defining the relationship between infection prevalence and clinical incidence of Plasmodium falciparum malaria. <i>Nature Communications</i> , 2015 , 6, 8170	17.4	52
95	Mapping local variation in educational attainment across Africa. <i>Nature</i> , 2018 , 555, 48-53	50.4	52
94	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. <i>Lancet, The</i> , 2017 , 390, 2662-2672	4.0	51
93	Air temperature suitability for Plasmodium falciparum malaria transmission in Africa 2000-2012: a high-resolution spatiotemporal prediction. <i>Malaria Journal</i> , 2014 , 13, 171	3.6	51
92	Temperature and malaria trends in highland East Africa. <i>PLoS ONE</i> , 2011 , 6, e24524	3.7	51
91	Estimating Geographical Variation in the Risk of Zoonotic Plasmodium knowlesi Infection in Countries Eliminating Malaria. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004915	4.8	51
90	Quantifying aggregated uncertainty in Plasmodium falciparum malaria prevalence and populations at risk via efficient space-time geostatistical joint simulation. <i>PLoS Computational Biology</i> , 2010 , 6, e1000724	5.7	49

89	Going beyond personal protection against mosquito bites to eliminate malaria transmission: population suppression of malaria vectors that exploit both human and animal blood. <i>BMJ Global Health</i> , 2017 , 2, e000198	6.6	46
88	India's invisible malaria burden. <i>Lancet, The</i> , 2010 , 376, 1716-7	4.0	46
87	Updates to the zoonotic niche map of Ebola virus disease in Africa. <i>ELife</i> , 2016 , 5,	8.9	46
86	Global maps of travel time to healthcare facilities. <i>Nature Medicine</i> , 2020 , 26, 1835-1838	50.5	45
85	Equity and adequacy of international donor assistance for global malaria control: an analysis of populations at risk and external funding commitments. <i>Lancet, The</i> , 2010 , 376, 1409-16	4.0	43
84	Developing global maps of insecticide resistance risk to improve vector control. <i>Malaria Journal</i> , 2017 , 16, 86	3.6	42
83	The distribution and bionomics of anopheles malaria vector mosquitoes in Indonesia. <i>Advances in Parasitology</i> , 2013 , 83, 173-266	3.2	42
82	Seasonality of Plasmodium falciparum transmission: a systematic review. <i>Malaria Journal</i> , 2015 , 14, 343	3.6	41
81	Spatial predictions of Rhodesian Human African Trypanosomiasis (sleeping sickness) prevalence in Kaberamaido and Dokolo, two newly affected districts of Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e563	4.8	41
80	Empirical modelling of government health service use by children with fevers in Kenya. <i>Acta Tropica</i> , 2004 , 91, 227-37	3.2	41
79	Plasmodium falciparum malaria endemicity in Indonesia in 2010. <i>PLoS ONE</i> , 2011 , 6, e21315	3.7	41
78	Population coverage of artemisinin-based combination treatment in children younger than 5 years with fever and Plasmodium falciparum infection in Africa, 2003-2015: a modelling study using data from national surveys. <i>The Lancet Global Health</i> , 2017 , 5, e418-e427	13.6	40
77	Identifying and combating the impacts of COVID-19 on malaria. <i>BMC Medicine</i> , 2020 , 18, 239	11.4	40
76	Infectious disease. The stability of malaria elimination. <i>Science</i> , 2013 , 339, 909-10	33.3	39
75	Public health. Optimizing investments in malaria treatment and diagnosis. <i>Science</i> , 2012 , 338, 612-4	33.3	38
74	malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. <i>Malaria Journal</i> , 2018 , 17, 352	3.6	38
73	Treatment-seeking rates in malaria endemic countries. <i>Malaria Journal</i> , 2016 , 15, 20	3.6	37
72	Malaria mapping: understanding the global endemicity of falciparum and vivax malaria. <i>BMC Medicine</i> , 2015 , 13, 140	11.4	36

71	Mapping trends in insecticide resistance phenotypes in African malaria vectors. <i>PLoS Biology</i> , 2020 , 18, e3000633	9.7	36
70	Emerging implications of policies on malaria treatment: genetic changes in the gene affecting susceptibility to artemether-lumefantrine and artesunate-amodiaquine in Africa. <i>BMJ Global Health</i> , 2018 , 3, e000999	6.6	35
69	Housing and child health in sub-Saharan Africa: A cross-sectional analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003055	10.5	34
68	Evaluating the impact of the community-based health planning and services initiative on uptake of skilled birth care in Ghana. <i>PLoS ONE</i> , 2015 , 10, e0120556	3.7	34
67	Defining the relationship between Plasmodium falciparum parasite rate and clinical disease: statistical models for disease burden estimation. <i>Malaria Journal</i> , 2009 , 8, 186	3.6	34
66	Spatio-temporal mapping of Madagascar's Malaria Indicator Survey results to assess Plasmodium falciparum endemicity trends between 2011 and 2016. <i>BMC Medicine</i> , 2018 , 16, 71	11.4	34
65	Modeling within-host effects of drugs on Plasmodium falciparum transmission and prospects for malaria elimination. <i>PLoS Computational Biology</i> , 2014 , 10, e1003434	5	33
64	Associated patterns of insecticide resistance in field populations of malaria vectors across Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5938-5943	11.5	33
63	Declining malaria in Africa: improving the measurement of progress. <i>Malaria Journal</i> , 2014 , 13, 39	3.6	32
62	The effect of dosing strategies on the therapeutic efficacy of artesunate-amodiaquine for uncomplicated malaria: a meta-analysis of individual patient data. <i>BMC Medicine</i> , 2015 , 13, 66	11.4	31
61	Mapping multiple components of malaria risk for improved targeting of elimination interventions. <i>Malaria Journal</i> , 2017 , 16, 459	3.6	31
60	The effects of urbanization on global Plasmodium vivax malaria transmission. <i>Malaria Journal</i> , 2012 , 11, 403	3.6	31
59	Optimal survey designs for targeting chemotherapy against soil-transmitted helminths: effect of spatial heterogeneity and cost-efficiency of sampling. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 82, 1079-87	3.2	28
58	Contemporary epidemiological overview of malaria in Madagascar: operational utility of reported routine case data for malaria control planning. <i>Malaria Journal</i> , 2016 , 15, 502	3.6	28
57	Mapping Malaria Risk in Low Transmission Settings: Challenges and Opportunities. <i>Trends in Parasitology</i> , 2016 , 32, 635-645	6.4	27
56	Can mobile phone data improve emergency response to natural disasters?. <i>PLoS Medicine</i> , 2011 , 8, e1001085	10.5	26
55	The origins and relatedness structure of mixed infections vary with local prevalence of malaria. <i>ELife</i> , 2019 , 8,	8.9	25
54	Adult vector control, mosquito ecology and malaria transmission. <i>International Health</i> , 2015 , 7, 121-9	2.4	24

53	Quantifying the contribution of malaria to febrile illness amongst African children. <i>ELife</i> , 2017 , 6,	8.9	24
52	<i>Plasmodium vivax</i> malaria endemicity in Indonesia in 2010. <i>PLoS ONE</i> , 2012 , 7, e37325	3.7	24
51	Pareto rules for malaria super-spreaders and super-spreading. <i>Nature Communications</i> , 2019 , 10, 3939	17.4	23
50	IDENTIFICATION OF SPECIFIC TREE SPECIES IN ANCIENT SEMI-NATURAL WOODLAND FROM DIGITAL AERIAL SENSOR IMAGERY 2005 , 15, 1233-1244		23
49	Tree line identification from pollen data: beyond the limit?. <i>Journal of Biogeography</i> , 2011 , 38, 1792-1806	4.1	22
48	Integrated paediatric fever management and antibiotic over-treatment in Malawi health facilities: data mining a national facility census. <i>Malaria Journal</i> , 2016 , 15, 396	3.6	22
47	Information for decision making from imperfect national data: tracking major changes in health care use in Kenya using geostatistics. <i>BMC Medicine</i> , 2007 , 5, 37	11.4	20
46	Prioritising Infectious Disease Mapping. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003756	4.8	20
45	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
44	Standardizing <i>Plasmodium falciparum</i> infection prevalence measured via microscopy versus rapid diagnostic test. <i>Malaria Journal</i> , 2015 , 14, 460	3.6	19
43	Bayesian geostatistical analysis and prediction of Rhodesian human African trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e914	4.8	19
42	Diagnostic testing of pediatric fevers: meta-analysis of 13 national surveys assessing influences of malaria endemicity and source of care on test uptake for febrile children under five years. <i>PLoS ONE</i> , 2014 , 9, e95483	3.7	19
41	Lead clinical and preclinical antimalarial drugs can significantly reduce sporozoite transmission to vertebrate populations. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 490-7	5.9	18
40	Developing geostatistical space-time models to predict outpatient treatment burdens from incomplete national data. <i>Geographical Analysis</i> , 2008 , 40, 167-188	2.9	18
39	Investigating spatial structure in specific tree species in ancient semi-natural woodland using remote sensing and marked point pattern analysis. <i>Ecography</i> , 2007 , 30, 88-104	6.5	16
38	Identifying residual hotspots and mapping lower respiratory infection morbidity and mortality in African children from 2000 to 2017. <i>Nature Microbiology</i> , 2019 , 4, 2310-2318	26.6	15
37	Distribution of malaria exposure in endemic countries in Africa considering country levels of effective treatment. <i>Malaria Journal</i> , 2015 , 14, 384	3.6	14
36	Country specific predictions of the cost-effectiveness of malaria vaccine RTS,S/AS01 in endemic Africa. <i>Vaccine</i> , 2017 , 35, 53-60	4.1	12

35	Effect of diagnostic testing on medicines used by febrile children less than five years in 12 malaria-endemic African countries: a mixed-methods study. <i>Malaria Journal</i> , 2015 , 14, 194	3.6	12
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