Peter Gething

List of Publications by Year
in descending order

197
papers	67,494
citations	4370
86
h-index	2812
191
g-index
207
all docs	207
docs citations	207
times ranked	86002
citing authors

#	ARTICLE	IF	CITATIONS
1	The global distribution and burden of dengue. Nature, 2013, 496, 504-507.	13.7	7,138
2	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. Lancet, The, 2017, 390, 1211-1259.	6.3	5,578
3	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. Lancet, The, 2016, 388, 1545-1602.	6.3	5,298
4	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. Lancet, The, 2016, 388, 1459-1544.	6.3	4,934
5	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. Lancet, The, 2016, 388, 1659-1724.	6.3	4,203
6	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. Lancet, The, 2017, 390, 1151-1210.	6.3	3,565
7	The effect of malaria control on Plasmodium falciparum in Africa between 2000 and 2015. Nature, 2015, 526, 207-211.	13.7	2,140
8	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. Lancet, The, 2017, 390, 1345-1422.	6.3	1,879
9	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. Lancet, The, 2016, 388, 1603-1658.	6.3	1,612
10	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. Lancet, The, 2017, 390, 1260-1344.	6.3	1,589
11	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. Lancet, The, 2015, 386, 2145-2191.	6.3	1,544
12	Refining the Global Spatial Limits of Dengue Virus Transmission by Evidence-Based Consensus. PLoS Neglected Tropical Diseases, 2012, 6, e1760.	1.3	1,276
13	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. Lancet Infectious Diseases, The, 2018, 18, 1191-1210.	4.6	1,084
14	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. Lancet, The, 2020, 396, 1160-1203.	6.3	890
15	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. Lancet Infectious Diseases, The, 2018, 18, 1211-1228.	4.6	862
16	Global epidemiology of sickle haemoglobin in neonates: a contemporary geostatistical model-based map and population estimates. Lancet, The, 2013, 381, 142-151.	6.3	841
17	Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1775-1812.	6.3	740
18	A global map of travel time to cities to assess inequalities in accessibility in 2015. Nature, 2018, 553, 333-336.	13.7	672

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19	A new world malaria map: Plasmodium falciparum endemicity in 2010. Malaria Journal, 2011, 10, 378.	0.8	662
20	Nations within a nation: variations in epidemiological transition across the states of India, 1990â€"2016 in the Global Burden of Disease Study. Lancet, The, 2017, 390, 2437-2460.	6.3	647
21	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. Lancet, The, 2018, 391, 2236-2271.	6.3	638
22	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970â€"2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1084-1150.	6.3	573
23	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980â€"2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1725-1774.	6.3	571
24	The dominant Anopheles vectors of human malaria in Africa, Europe and the Middle East: occurrence data, distribution maps and bionomic prÃ©cis. Parasites and Vectors, 2010, 3, 117.	1.0	508
25	A global map of dominant malaria vectors. Parasites and Vectors, 2012, 5, 69.	1.0	485
26	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€"2015: the Global Burden of Disease Study 2015. Lancet HIV,the, 2016, 3, e361-e387.	2.1	461
27	A World Malaria Map: Plasmodium falciparum Endemicity in 2007. PLoS Medicine, 2009, 6, e1000048.	3.9	460
28	A Long Neglected World Malaria Map: Plasmodium vivax Endemicity in 2010. PLoS Neglected Tropical Diseases, 2012, 6, e1814.	1.3	448
29	Global distribution of the sickle cell gene and geographical confirmation of the malaria hypothesis. Nature Communications, 2010, 1, 104.	5.8	423
30	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1813-1850.	6.3	413
31	The International Limits and Population at Risk of Plasmodium vivax Transmission in 2009. PLoS Neglected Tropical Diseases, 2010, 4, e774.	1.3	405
32	G6PD Deficiency Prevalence and Estimates of Affected Populations in Malaria Endemic Countries: A Geostatistical Model-Based Map. PLoS Medicine, 2012, 9, e1001339.	3.9	404
33	The dominant Anopheles vectors of human malaria in the Asia-Pacific region: occurrence data, distribution maps and bionomic prÃ©cis. Parasites and Vectors, 2011, 4, 89.	1.0	401
34	Averting a malaria disaster: will insecticide resistance derail malaria control?. Lancet, The, 2016, 387, 1785-1788.	6.3	366
35	Modelling adult Aedes aegypti and Aedes albopictus survival at different temperatures in laboratory and field settings. Parasites and Vectors, 2013, 6, 351.	1.0	357
36	Mapping the zoonotic niche of Ebola virus disease in Africa. ELife, 2014, 3, e04395.	2.8	328

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37	A systematic review of mathematical models of mosquito-borne pathogen transmission: 1970â€"2010. Journal of the Royal Society Interface, 2013, 10, 20120921.	1.5	306
38	Climate change and the global malaria recession. Nature, 2010, 465, 342-345.	13.7	304
39	Mapping global environmental suitability for Zika virus. ELife, 2016, 5, .	2.8	299
40	Estimating the Global Clinical Burden of Plasmodium falciparum Malaria in 2007. PLoS Medicine, 2010, 7, e1000290.	3.9	290
41	Mapping the global prevalence, incidence, and mortality of Plasmodium falciparum, 2000â€"17: a spatial and temporal modelling study. Lancet, The, 2019, 394, 322-331.	6.3	290
42	The global distribution of the Duffy blood group. Nature Communications, 2011, 2, 266.	5.8	287
43	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. Lancet, The, 2017, 390, 1423-1459.	6.3	284
44	Global temperature constraints on Aedes aegypti and Ae. albopictus persistence and competence for dengue virus transmission. Parasites and Vectors, 2014, 7, 338.	1.0	280
45	Mapping the global endemicity and clinical burden of Plasmodium vivax, 2000â€"17: a spatial and temporal modelling study. Lancet, The, 2019, 394, 332-343.	6.3	276
46	The dominant Anopheles vectors of human malaria in the Americas: occurrence data, distribution maps and bionomic prÃ©cis. Parasites and Vectors, 2010, 3, 72.	1.0	270
47	Malaria eradication within a generation: ambitious, achievable, and necessary. Lancet, The, 2019, 394, 1056-1112.	6.3	240
48	Geographical variation in Plasmodium vivax relapse. Malaria Journal, 2014, 13, 144.	0.8	223
49	Mapping under-5 and neonatal mortality in Africa, 2000â€"15: a baseline analysis for the Sustainable Development Goals. Lancet, The, 2017, 390, 2171-2182.	6.3	214
50	Mapping *Plasmodium falciparum* Mortality in Africa between 1990 and 2015. New England Journal of Medicine, 2016, 375, 2435-2445.	13.9	205
51	Global distribution maps of the leishmaniases. ELife, 2014, 3, .	2.8	203
52	The global distribution of Crimean-Congo hemorrhagic fever. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 503-513.	0.7	193
53	Global maps of travel time to healthcare facilities. Nature Medicine, 2020, 26, 1835-1838.	15.2	182
54	Global mapping of infectious disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120250.	1.8	179

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55	Mapping child growth failure in Africa between 2000 and 2015. Nature, 2018, 555, 41-47.	13.7	177
56	Modelling the global constraints of temperature on transmission of Plasmodium falciparum and P. vivax. Parasites and Vectors, 2011, 4, 92.	1.0	162
57	Developing Global Maps of the Dominant Anopheles Vectors of Human Malaria. PLoS Medicine, 2010, 7, e1000209.	3.9	161
58	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	13.7	161
59	An effective approach for gap-filling continental scale remotely sensed time-series. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 98, 106-118.	4.9	156
60	Housing Improvements and Malaria Risk in Sub-Saharan Africa: A Multi-Country Analysis of Survey Data. PLoS Medicine, 2017, 14, e1002234.	3.9	156
61	Indirect effects of the COVID-19 pandemic on malaria intervention coverage, morbidity, and mortality in Africa: a geospatial modelling analysis. Lancet Infectious Diseases, The, 2021, 21, 59-69.	4.6	152
62	Vectorial capacity and vector control: reconsidering sensitivity to parameters for malaria elimination. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 107-117.	0.7	149
63	The geography of imported malaria to non-endemic countries: a meta-analysis of nationally reported statistics. Lancet Infectious Diseases, The, 2017, 17, 98-107.	4.6	149
64	Predicting the risk of avian influenza A H7N9 infection in live-poultry markets across Asia. Nature Communications, 2014, 5, 4116.	5.8	145
65	Recasting the theory of mosquito-borne pathogen transmission dynamics and control. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2014, 108, 185-197.	0.7	142
66	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. Eurosurveillance, 2016, 21, .	3.9	141
67	Geographical Inequalities in Use of Improved Drinking Water Supply and Sanitation across Sub-Saharan Africa: Mapping and Spatial Analysis of Cross-sectional Survey Data. PLoS Medicine, 2014, 11, e1001626.	3.9	139
68	Growing evidence of Plasmodium vivax across malaria-endemic Africa. PLoS Neglected Tropical Diseases, 2019, 13, e0007140.	1.3	135
69	Modelling distances travelled to government health services in Kenya. Tropical Medicine and International Health, 2006, 11, 188-196.	1.0	131
70	Coverage and system efficiencies of insecticide-treated nets in Africa from 2000 to 2017. ELife, 2015, 4, .	2.8	131
71	Mapping land cover change over continental Africa using Landsat and Google Earth Engine cloud computing. PLoS ONE, 2017, 12, e0184926.	1.1	128
72	Coverage of malaria protection in pregnant women in sub-Saharan Africa: a synthesis and analysis of national survey data. Lancet Infectious Diseases, The, 2011, 11, 190-207.	4.6	124

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73	Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. Nature, 2019, 568, 391-394.	13.7	124
74	The risks of malaria infection in Kenya in 2009. BMC Infectious Diseases, 2009, 9, 180.	1.3	121
75	Ranking of elimination feasibility between malaria-endemic countries. Lancet, The, 2010, 376, 1579-1591.	6.3	119
76	Using remotely sensed night-time light as a proxy for poverty in Africa. Population Health Metrics, 2008, 6, 5.	1.3	117
77	A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. ELife, 2014, 3, e02130.	2.8	115
78	Geographical distributions of African malaria vector sibling species and evidence for insecticide resistance. Malaria Journal, 2017, 16, 85.	0.8	112
79	Improving Imperfect Data from Health Management Information Systems in Africa Using Space–Time Geostatistics. PLoS Medicine, 2006, 3, e271.	3.9	108
80	Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000–2015. New England Journal of Medicine, 2018, 379, 1128-1138.	13.9	106
81	How long do rapid diagnostic tests remain positive after anti-malarial treatment?. Malaria Journal, 2018, 17, 228.	0.8	106
82	Spatial Modelling of Soil-Transmitted Helminth Infections in Kenya: A Disease Control Planning Tool. PLoS Neglected Tropical Diseases, 2011, 5, e958.	1.3	105
83	Geographical access to care at birth in Ghana: a barrier to safe motherhood. BMC Public Health, 2012, 12, 991.	1.2	105
84	The Global Public Health Significance of Plasmodium vivax. Advances in Parasitology, 2012, 80, 1-111.	1.4	105
85	Plasmodium vivax Transmission in Africa. PLoS Neglected Tropical Diseases, 2015, 9, e0004222.	1.3	102
86	Potential for reduction of burden and local elimination of malaria by reducing Plasmodium falciparum malaria transmission: a mathematical modelling study. Lancet Infectious Diseases, The, 2016, 16, 465-472.	4.6	102
87	Mapping diphtheria-pertussis-tetanus vaccine coverage in Africa, 2000–2016: a spatial and temporal modelling study. Lancet, The, 2019, 393, 1843-1855.	6.3	97
88	Transmission-blocking interventions eliminate malaria from laboratory populations. Nature Communications, 2013, 4, 1812.	5.8	95
89	Urbanization and the global malaria recession. Malaria Journal, 2013, 12, 133.	0.8	94
90	Mapping trends in insecticide resistance phenotypes in African malaria vectors. PLoS Biology, 2020, 18, e3000633.	2.6	92

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91	Re-examining environmental correlates of Plasmodium falciparum malaria endemicity: a data-intensive variable selection approach. Malaria Journal, 2015, 14, 68.	0.8	86
92	Improved prediction accuracy for disease risk mapping using Gaussian process stacked generalization. Journal of the Royal Society Interface, 2017, 14, 20170520.	1.5	86
93	The distribution of haemoglobin C and its prevalence in newborns in Africa. Scientific Reports, 2013, 3, 1671.	1.6	85
94	Defining the Geographical Range of the Plasmodium knowlesi Reservoir. PLoS Neglected Tropical Diseases, 2014, 8, e2780.	1.3	84
95	Identifying and combating the impacts of COVID-19 on malaria. BMC Medicine, 2020, 18, 239.	2.3	84
96	The Applications of Model-Based Geostatistics in Helminth Epidemiology and Control. Advances in Parasitology, 2011, 74, 267-296.	1.4	81
97	Mapping local variation in educational attainment across Africa. Nature, 2018, 555, 48-53.	13.7	81
98	A sticky situation: the unexpected stability of malaria elimination. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120145.	1.8	80
99	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. Lancet, The, 2017, 390, 2662-2672.	6.3	80
100	Estimating the Number of Paediatric Fevers Associated with Malaria Infection Presenting to Africa's Public Health Sector in 2007. PLoS Medicine, 2010, 7, e1000301.	3.9	78
101	Estimating Geographical Variation in the Risk of Zoonotic Plasmodium knowlesi Infection in Countries Eliminating Malaria. PLoS Neglected Tropical Diseases, 2016, 10, e0004915.	1.3	76
102	Going beyond personal protection against mosquito bites to eliminate malaria transmission: population suppression of malaria vectors that exploit both human and animal blood. BMJ Global Health, 2017, 2, e000198.	2.0	69
103	malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. Malaria Journal, 2018, 17, 352.	0.8	69
104	Temperature and Malaria Trends in Highland East Africa. PLoS ONE, 2011, 6, e24524.	1.1	68
105	A spatial national health facility database for public health sector planning in Kenya in 2008. International Journal of Health Geographics, 2009, 8, 13.	1.2	67
106	Defining the relationship between infection prevalence and clinical incidence of Plasmodium falciparum malaria. Nature Communications, 2015, 6, 8170.	5.8	67
107	Bayesian geostatistics in health cartography: the perspective of malaria. Trends in Parasitology, 2011, 27, 246-253.	1.5	66
108	Spatial prediction of Plasmodium falciparum prevalence in Somalia. Malaria Journal, 2008, 7, 159.	0.8	65

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109	Air temperature suitability for Plasmodium falciparum malaria transmission in Africa 2000-2012: a high-resolution spatiotemporal prediction. Malaria Journal, 2014, 13, 171.	0.8	65
110	Housing and child health in sub-Saharan Africa: A cross-sectional analysis. PLoS Medicine, 2020, 17, e1003055.	3.9	64
111	The effects of spatial population dataset choice on estimates of population at risk of disease. Population Health Metrics, 2011, 9, 4.	1.3	63
112	Developing global maps of insecticide resistance risk to improve vector control. Malaria Journal, 2017, 16, 86.	0.8	62
113	Funding for malaria control 2006â€"2010: A comprehensive global assessment. Malaria Journal, 2012, 11, 246.	0.8	61
114	Updates to the zoonotic niche map of Ebola virus disease in Africa. ELife, 2016, 5, .	2.8	61
115	The Distribution and Bionomics of Anopheles Malaria Vector Mosquitoes in Indonesia. Advances in Parasitology, 2013, 83, 173-266.	1.4	60
116	Seasonality of Plasmodium falciparum transmission: a systematic review. Malaria Journal, 2015, 14, 343.	0.8	59
117	Population coverage of artemisinin-based combination treatment in children younger than 5 years with fever and Plasmodium falciparum infection in Africa, 2003â€"2015: a modelling study using data from national surveys. The Lancet Global Health, 2017, 5, e418-e427.	2.9	59
118	Emerging implications of policies on malaria treatment: genetic changes in the $Pfmdr-1$ gene affecting susceptibility to artemetherâ€"lumefantrine and artesunateâ€"amodiaquine in Africa. BMJ Global Health, 2018, 3, e000999.	2.0	58
119	Maps and metrics of insecticide-treated net access, use, and nets-per-capita in Africa from 2000-2020. Nature Communications, 2021, 12, 3589.	5.8	57
120	India's invisible malaria burden. Lancet, The, 2010, 376, 1716-1717.	6.3	54
121	Treatment-seeking rates in malaria endemic countries. Malaria Journal, 2016, 15, 20.	0.8	53
122	The origins and relatedness structure of mixed infections vary with local prevalence of P. falciparum malaria. ELife, 2019, 8, .	2.8	52
123	Quantifying Aggregated Uncertainty in Plasmodium falciparum Malaria Prevalence and Populations at Risk via Efficient Space-Time Geostatistical Joint Simulation. PLoS Computational Biology, 2010, 6, e1000724.	1.5	51
124	Plasmodium falciparum Malaria Endemicity in Indonesia in 2010. PLoS ONE, 2011, 6, e21315.	1.1	51
125	Equity and adequacy of international donor assistance for global malaria control: an analysis of populations at risk and external funding commitments. Lancet, The, 2010, 376, 1409-1416.	6.3	49
126	Empirical modelling of government health service use by children with fevers in Kenya. Acta Tropica, 2004, 91, 227-237.	0.9	48

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127	Optimizing Investments in Malaria Treatment and Diagnosis. Science, 2012, 338, 612-614.	6.0	47
128	Pareto rules for malaria super-spreaders and super-spreading. Nature Communications, 2019, 10, 3939.	5.8	47
129	Spatio-temporal mapping of Madagascar's Malaria Indicator Survey results to assess Plasmodium falciparum endemicity trends between 2011 and 2016. BMC Medicine, 2018, 16, 71.	2.3	46
130	Spatial Predictions of Rhodesian Human African Trypanosomiasis (Sleeping Sickness) Prevalence in Kaberamaido and Dokolo, Two Newly Affected Districts of Uganda. PLoS Neglected Tropical Diseases, 2009, 3, e563.	1.3	45
131	Modeling Within-Host Effects of Drugs on Plasmodium falciparum Transmission and Prospects for Malaria Elimination. PLoS Computational Biology, 2014, 10, e1003434.	1.5	45
132	Associated patterns of insecticide resistance in field populations of malaria vectors across Africa. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5938-5943.	3.3	45
133	The Stability of Malaria Elimination. Science, 2013, 339, 909-910.	6.0	43
134	Malaria mapping: understanding the global endemicity of falciparum and vivax malaria. BMC Medicine, 2015, 13, 140.	2.3	43
135	Evaluating the Impact of the Community-Based Health Planning and Services Initiative on Uptake of Skilled Birth Care in Ghana. PLoS ONE, 2015, 10, e0120556.	1.1	42
136	Mapping Malaria Risk in Low Transmission Settings: Challenges and Opportunities. Trends in Parasitology, 2016, 32, 635-645.	1.5	42
137	Mapping multiple components of malaria risk for improved targeting of elimination interventions. Malaria Journal, 2017, 16, 459.	0.8	42
138	Contemporary epidemiological overview of malaria in Madagascar: operational utility of reported routine case data for malaria control planning. Malaria Journal, 2016, 15, 502.	0.8	38
139	Defining the relationship between Plasmodium falciparum parasite rate and clinical disease: statistical models for disease burden estimation. Malaria Journal, 2009, 8, 186.	0.8	37
140	The effects of urbanization on global Plasmodium vivax malaria transmission. Malaria Journal, 2012, 11, 403.	0.8	37
141	Declining malaria in Africa: improving the measurement of progress. Malaria Journal, 2014, 13, 39.	0.8	37
142	The effect of dosing strategies on the therapeutic efficacy of artesunate-amodiaquine for uncomplicated malaria: a meta-analysis of individual patient data. BMC Medicine, 2015, 13, 66.	2.3	37
143	Plasmodium vivax Malaria Endemicity in Indonesia in 2010. PLoS ONE, 2012, 7, e37325.	1.1	35
144	Can Mobile Phone Data Improve Emergency Response to Natural Disasters?. PLoS Medicine, 2011, 8, e1001085.	3.9	34

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145	Adult vector control, mosquito ecology and malaria transmission. International Health, 2015, 7, 121-129.	0.8	34
146	Quantifying the contribution of Plasmodium falciparum malaria to febrile illness amongst African children. ELife, 2017, 6, .	2.8	34
147	Optimal Survey Designs for Targeting Chemotherapy Against Soil-Transmitted Helminths: Effect of Spatial Heterogeneity and Cost-Efficiency of Sampling. American Journal of Tropical Medicine and Hygiene, 2010, 82, 1079-1087.	0.6	32
148	Identifying residual hotspots and mapping lower respiratory infection morbidity and mortality in African children from 2000 to 2017. Nature Microbiology, 2019, 4, 2310-2318.	5.9	31
149	Integrated paediatric fever management and antibiotic over-treatment in Malawi health facilities: data mining a national facility census. Malaria Journal, 2016, 15, 396.	0.8	30
150	Prioritising Infectious Disease Mapping. PLoS Neglected Tropical Diseases, 2015, 9, e0003756.	1.3	30
151	Information for decision making from imperfect national data: tracking major changes in health care use in Kenya using geostatistics. BMC Medicine, 2007, 5, 37.	2.3	27
152	IDENTIFICATION OF SPECIFIC TREE SPECIES IN ANCIENT SEMI-NATURAL WOODLAND FROM DIGITAL AERIAL SENSOR IMAGERY. , 2005, 15, 1233-1244.		26
153	Tree line identification from pollen data: beyond the limit?. Journal of Biogeography, 2011, 38, 1792-1806.	1.4	25
154	Bayesian Geostatistical Analysis and Prediction of Rhodesian Human African Trypanosomiasis. PLoS Neglected Tropical Diseases, 2010, 4, e914.	1.3	23
155	Lead Clinical and Preclinical Antimalarial Drugs Can Significantly Reduce Sporozoite Transmission to Vertebrate Populations. Antimicrobial Agents and Chemotherapy, 2015, 59, 490-497.	1.4	23
156	Global database of matched Plasmodium falciparum and P. vivax incidence and prevalence records from 1985â€"2013. Scientific Data, 2015, 2, 150012.	2.4	22
157	Standardizing Plasmodium falciparum infection prevalence measured via microscopy versus rapid diagnostic test. Malaria Journal, 2015, 14, 460.	0.8	22
158	Distribution of malaria exposure in endemic countries in Africa considering country levels of effective treatment. Malaria Journal, 2015, 14, 384.	0.8	21
159	The contribution of non-malarial febrile illness co-infections to Plasmodium falciparum case counts in health facilities in sub-Saharan Africa. Malaria Journal, 2019, 18, 195.	0.8	20
160	Developing Geostatistical Spaceâ€"Time Models to Predict Outpatient Treatment Burdens from Incomplete National Data. Geographical Analysis, 2008, 40, 167-188.	1.9	19
161	Climate change, urbanization and disease: summer in the city.... Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 171-172.	0.7	19
162	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. PLoS ONE, 2014, 9, e95483.	1.1	19

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163	Global estimation of anti-malarial drug effectiveness for the treatment of uncomplicated Plasmodium falciparum malaria 1991â€"2019. Malaria Journal, 2020, 19, 374.	0.8	18
164	Spatiotemporal mapping of malaria prevalence in Madagascar using routine surveillance and health survey data. Scientific Reports, 2020, 10, 18129.	1.6	18
165	Mapping malaria seasonality in Madagascar using health facility data. BMC Medicine, 2020, 18, 26.	2.3	18
166	Association between the proportion of Plasmodium falciparum and Plasmodium vivax 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. Lancet Infectious Diseases, The, 2020, 20, 953-963.	4.6	18
167	Investigating spatial structure in specific tree species in ancient semiâ€natural woodland using remote sensing and marked point pattern analysis. Ecography, 2007, 30, 88-104.	2.1	17
168	Country specific predictions of the cost-effectiveness of malaria vaccine RTS,S/AS01 in endemic Africa. Vaccine, 2017, 35, 53-60.	1.7	17
169	Intercalibration and Gaussian Process Modeling of Nighttime Lights Imagery for Measuring Urbanization Trends in Africa 2000â€"2013. Remote Sensing, 2017, 9, 713.	1.8	17
170	Global economic costs due to vivax malaria and the potential impact of its radical cure: A modelling study. PLoS Medicine, 2021, 18, e1003614.	3.9	15
171	Spatial codistribution of HIV, tuberculosis and malaria in Ethiopia. BMJ Global Health, 2022, 7, e007599.	2.0	14
172	Effect of diagnostic testing on medicines used by febrile children less than five years in 12 malaria-endemic African countries: a mixed-methods study. Malaria Journal, 2015, 14, 194.	0.8	13
173	Optimal health and disease management using spatial uncertainty: a geographic characterization of emergent artemisinin-resistant Plasmodium falciparum distributions in Southeast Asia. International Journal of Health Geographics, 2016, 15, 37.	1.2	13
174	Defining the relationship between Plasmodium vivax parasite rate and clinical disease. Malaria Journal, 2015, 14, 191.	0.8	12
175	Spectrum-Malaria: a user-friendly projection tool for health impact assessment and strategic planning by malaria control programmes in sub-Saharan Africa. Malaria Journal, 2017, 16, 68.	0.8	12
176	The DHS Program's Modeled Surfaces Spatial Datasets. Studies in Family Planning, 2018, 49, 87-92.	1.0	11
177	Household electricity access in Africa (2000â€"2013): Closing information gaps with model-based geostatistics. PLoS ONE, 2019, 14, e0214635.	1.1	11
178	Mapping Geospatial Processes Affecting the Environmental Fate of Agricultural Pesticides in Africa. International Journal of Environmental Research and Public Health, 2019, 16, 3523.	1.2	10
179	Risk factors for UK Plasmodium falciparum cases. Malaria Journal, 2014, 13, 298.	0.8	9
180	Geo-spatial modeling of access to water and sanitation in Nigeria. Journal of Water Sanitation and Hygiene for Development, 2019, 9, 258-280.	0.7	8

#	Article	IF	Citations
181	A simulation study of disaggregation regression for spatial disease mapping. Statistics in Medicine, 2022, 41, 1-16.	0.8	8
182	Improving disaggregation models of malaria incidence by ensembling non-linear models of prevalence. Spatial and Spatio-temporal Epidemiology, 2020, , 100357.	0.9	7
183	Mapping the endemicity and seasonality of clinical malaria for intervention targeting in Haiti using routine case data. ELife, 2021, 10, .	2.8	7
184	A stakeholder workshop about modelled maps of key malaria indicator survey indicators in Madagascar. Malaria Journal, 2019, 18, 90.	0.8	5
185	Space–Time Clustering Characteristics of Malaria in Bhutan at the End Stages of Elimination. International Journal of Environmental Research and Public Health, 2021, 18, 5553.	1.2	4
186	A novel statistical framework for exploring the population dynamics and seasonality of mosquito populations. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220089.	1.2	4
187	Location-allocation Planning. , 0, , 540-566.		3
188	Mapping malaria by sharing spatial information between incidence and prevalence data sets. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 733-749.	0.5	2
189	Comparing community P. falciparum infection prevalence measured via microscopy versus rapid diagnostic test. Malaria Journal, 2014, 13, .	0.8	1
190	The invisible burden of malaria-attributable stillbirths – Authors' reply. Lancet, The, 2020, 395, 268-269.	6.3	1
191	Update to: A stakeholder workshop about modelled maps of key malaria indicator survey indicators in Madagascar. Malaria Journal, 2020, 19, 13.	0.8	0
192	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
193	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
194	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
195	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
196	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
197	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0