

Peter Gething

List of Publications by Year in descending order

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Version: 2024-02-01

197
papers

67,494
citations

4388

86
h-index

2828

191
g-index

207
all docs

207
docs citations

207
times ranked

86002
citing authors

#	ARTICLE	IF	CITATIONS
1	A simulation study of disaggregation regression for spatial disease mapping. <i>Statistics in Medicine</i> , 2022, 41, 1-16.	1.6	8
2	Spatial codistribution of HIV, tuberculosis and malaria in Ethiopia. <i>BMJ Global Health</i> , 2022, 7, e007599.	4.7	14
3	A novel statistical framework for exploring the population dynamics and seasonality of mosquito populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220089.	2.6	4
4	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> , The, 2021, 21, 59-69.	9.1	152
5	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.	1.0	2
6	Space-Time Clustering Characteristics of Malaria in Bhutan at the End Stages of Elimination. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5553.	2.6	4
7	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.	12.8	57
8	Mapping the endemicity and seasonality of clinical malaria for intervention targeting in Haiti using routine case data. <i>ELife</i> , 2021, 10, .	6.0	7
9	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.	8.4	15
10	Global maps of travel time to healthcare facilities. <i>Nature Medicine</i> , 2020, 26, 1835-1838.	30.7	182
11	Global estimation of anti-malarial drug effectiveness for the treatment of uncomplicated Plasmodium falciparum malaria 1991-2019. <i>Malaria Journal</i> , 2020, 19, 374.	2.3	18
12	Improving disaggregation models of malaria incidence by ensembling non-linear models of prevalence. <i>Spatial and Spatio-temporal Epidemiology</i> , 2020, , 100357.	1.7	7
13	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</i> , The, 2020, 396, 1160-1203.	13.7	890
14	Identifying and combating the impacts of COVID-19 on malaria. <i>BMC Medicine</i> , 2020, 18, 239.	5.5	84
15	Spatiotemporal mapping of malaria prevalence in Madagascar using routine surveillance and health survey data. <i>Scientific Reports</i> , 2020, 10, 18129.	3.3	18
16	Housing and child health in sub-Saharan Africa: A cross-sectional analysis. <i>PLoS Medicine</i> , 2020, 17, e1003055.	8.4	64
17	Mapping trends in insecticide resistance phenotypes in African malaria vectors. <i>PLoS Biology</i> , 2020, 18, e3000633.	5.6	92
18	The invisible burden of malaria-attributable stillbirths - Authors' reply. <i>Lancet</i> , The, 2020, 395, 268-269.	13.7	1

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19	Mapping malaria seasonality in Madagascar using health facility data. BMC Medicine, 2020, 18, 26.	5.5	18
20	Update to: A stakeholder workshop about modelled maps of key malaria indicator survey indicators in Madagascar. Malaria Journal, 2020, 19, 13.	2.3	0
21	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.	9.1	18
22	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
23	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
24	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
25	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
26	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
27	Mapping trends in insecticide resistance phenotypes in African malaria vectors. , 2020, 18, e3000633.		0
28	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	27.8	161
29	Geo-spatial modeling of access to water and sanitation in Nigeria. Journal of Water Sanitation and Hygiene for Development, 2019, 9, 258-280.	1.8	8
30	Pareto rules for malaria super-spreaders and super-spreading. Nature Communications, 2019, 10, 3939.	12.8	47
31	Malaria eradication within a generation: ambitious, achievable, and necessary. Lancet, The, 2019, 394, 1056-1112.	13.7	240
32	Mapping Geospatial Processes Affecting the Environmental Fate of Agricultural Pesticides in Africa. International Journal of Environmental Research and Public Health, 2019, 16, 3523.	2.6	10
33	Identifying residual hotspots and mapping lower respiratory infection morbidity and mortality in African children from 2000 to 2017. Nature Microbiology, 2019, 4, 2310-2318.	13.3	31
34	Mapping the global prevalence, incidence, and mortality of Plasmodium falciparum, 2000â€“17: a spatial and temporal modelling study. Lancet, The, 2019, 394, 322-331.	13.7	290
35	Mapping the global endemicity and clinical burden of Plasmodium vivax, 2000â€“17: a spatial and temporal modelling study. Lancet, The, 2019, 394, 332-343.	13.7	276
36	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.	2.3	20

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37	Household electricity access in Africa (2000â€“2013): Closing information gaps with model-based geostatistics. PLoS ONE, 2019, 14, e0214635.	2.5	11
38	A stakeholder workshop about modelled maps of key malaria indicator survey indicators in Madagascar. Malaria Journal, 2019, 18, 90.	2.3	5
39	Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. Nature, 2019, 568, 391-394.	27.8	124
40	Mapping diphtheria-pertussis-tetanus vaccine coverage in Africa, 2000â€“2016: a spatial and temporal modelling study. Lancet, The, 2019, 393, 1843-1855.	13.7	97
41	Growing evidence of Plasmodium vivax across malaria-endemic Africa. PLoS Neglected Tropical Diseases, 2019, 13, e0007140.	3.0	135
42	The origins and relatedness structure of mixed infections vary with local prevalence of P. falciparum malaria. ELife, 2019, 8, .	6.0	52
43	Mapping child growth failure in Africa between 2000 and 2015. Nature, 2018, 555, 41-47.	27.8	177
44	Mapping local variation in educational attainment across Africa. Nature, 2018, 555, 48-53.	27.8	81
45	A global map of travel time to cities to assess inequalities in accessibility in 2015. Nature, 2018, 553, 333-336.	27.8	672
46	The DHS Program's Modeled Surfaces Spatial Datasets. Studies in Family Planning, 2018, 49, 87-92.	1.8	11
47	Emerging implications of policies on malaria treatment: genetic changes in the <i>Pfmdr-1</i> gene affecting susceptibility to artemetherâ€“lumefantrine and artesunateâ€“amodiaquine in Africa. BMJ Global Health, 2018, 3, e000999.	4.7	58
48	malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. Malaria Journal, 2018, 17, 352.	2.3	69
49	Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Infectious Diseases, The, 2018, 18, 1191-1210.	9.1	1,084
50	Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000â€“2015. New England Journal of Medicine, 2018, 379, 1128-1138.	27.0	106
51	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.	9.1	862
52	Spatio-temporal mapping of Madagascarâ€™s Malaria Indicator Survey results to assess Plasmodium falciparum endemicity trends between 2011 and 2016. BMC Medicine, 2018, 16, 71.	5.5	46
53	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.	7.1	45
54	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.	13.7	638

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55	How long do rapid diagnostic tests remain positive after anti-malarial treatment?. <i>Malaria Journal</i> , 2018, 17, 228.	2.3	106
56	Developing global maps of insecticide resistance risk to improve vector control. <i>Malaria Journal</i> , 2017, 16, 86.	2.3	62
57	Country specific predictions of the cost-effectiveness of malaria vaccine RTS,S/AS01 in endemic Africa. <i>Vaccine</i> , 2017, 35, 53-60.	3.8	17
58	Population coverage of artemisinin-based combination treatment in children younger than 5 years with fever and <i>Plasmodium falciparum</i> infection in Africa, 2003â€“2015: a modelling study using data from national surveys. <i>The Lancet Global Health</i> , 2017, 5, e418-e427.	6.3	59
59	Mapping under-5 and neonatal mortality in Africa, 2000â€“15: a baseline analysis for the Sustainable Development Goals. <i>Lancet, The</i> , 2017, 390, 2171-2182.	13.7	214
60	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. <i>Lancet, The</i> , 2017, 390, 2662-2672.	13.7	80
61	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. <i>Lancet, The</i> , 2017, 390, 1084-1150.	13.7	573
62	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1260-1344.	13.7	1,589
63	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1151-1210.	13.7	3,565
64	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1211-1259.	13.7	5,578
65	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017, 390, 1345-1422.	13.7	1,879
66	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.	13.7	284
67	Improved prediction accuracy for disease risk mapping using Gaussian process stacked generalization. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170520.	3.4	86
68	Nations within a nation: variations in epidemiological transition across the states of India, 1990â€“2016 in the Global Burden of Disease Study. <i>Lancet, The</i> , 2017, 390, 2437-2460.	13.7	647
69	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.	4.7	69
70	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
71	Geographical distributions of African malaria vector sibling species and evidence for insecticide resistance. <i>Malaria Journal</i> , 2017, 16, 85.	2.3	112
72	Quantifying the contribution of <i>Plasmodium falciparum</i> malaria to febrile illness amongst African children. <i>ELife</i> , 2017, 6, .	6.0	34

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73	Mapping land cover change over continental Africa using Landsat and Google Earth Engine cloud computing. PLoS ONE, 2017, 12, e0184926.	2.5	128
74	Mapping multiple components of malaria risk for improved targeting of elimination interventions. Malaria Journal, 2017, 16, 459.	2.3	42
75	Intercalibration and Gaussian Process Modeling of Nighttime Lights Imagery for Measuring Urbanization Trends in Africa 2000â€“2013. Remote Sensing, 2017, 9, 713.	4.0	17
76	The geography of imported malaria to non-endemic countries: a meta-analysis of nationally reported statistics. Lancet Infectious Diseases, The, 2017, 17, 98-107.	9.1	149
77	Housing Improvements and Malaria Risk in Sub-Saharan Africa: A Multi-Country Analysis of Survey Data. PLoS Medicine, 2017, 14, e1002234.	8.4	156
78	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. Eurosurveillance, 2016, 21, .	7.0	141
79	Mapping global environmental suitability for Zika virus. ELife, 2016, 5, .	6.0	299
80	Contemporary epidemiological overview of malaria in Madagascar: operational utility of reported routine case data for malaria control planning. Malaria Journal, 2016, 15, 502.	2.3	38
81	Estimating Geographical Variation in the Risk of Zoonotic Plasmodium knowlesi Infection in Countries Eliminating Malaria. PLoS Neglected Tropical Diseases, 2016, 10, e0004915.	3.0	76
82	Integrated paediatric fever management and antibiotic over-treatment in Malawi health facilities: data mining a national facility census. Malaria Journal, 2016, 15, 396.	2.3	30
83	Global, regional, and national levels of maternal mortality, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1775-1812.	13.7	740
84	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1603-1658.	13.7	1,612
85	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1459-1544.	13.7	4,934
86	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1545-1602.	13.7	5,298
87	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1659-1724.	13.7	4,203
88	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.	13.7	571
89	Mapping <i>Plasmodium falciparum</i> Mortality in Africa between 1990 and 2015. New England Journal of Medicine, 2016, 375, 2435-2445.	27.0	205
90	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.	13.7	413

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91	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2015: the Global Burden of Disease Study 2015. <i>Lancet HIV</i> , 2016, 3, e361-e387.	4.7	461
92	Optimal health and disease management using spatial uncertainty: a geographic characterization of emergent artemisinin-resistant <i>Plasmodium falciparum</i> distributions in Southeast Asia. <i>International Journal of Health Geographics</i> , 2016, 15, 37.	2.5	13
93	Mapping Malaria Risk in Low Transmission Settings: Challenges and Opportunities. <i>Trends in Parasitology</i> , 2016, 32, 635-645.	3.3	42
94	Treatment-seeking rates in malaria endemic countries. <i>Malaria Journal</i> , 2016, 15, 20.	2.3	53
95	Potential for reduction of burden and local elimination of malaria by reducing <i>Plasmodium falciparum</i> malaria transmission: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , 2016, 16, 465-472.	9.1	102
96	Averting a malaria disaster: will insecticide resistance derail malaria control?. <i>Lancet</i> , 2016, 387, 1785-1788.	13.7	366
97	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, 107-117.	1.8	149
98	Updates to the zoonotic niche map of Ebola virus disease in Africa. <i>ELife</i> , 2016, 5, .	6.0	61
99	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.	5.3	22
100	Distribution of malaria exposure in endemic countries in Africa considering country levels of effective treatment. <i>Malaria Journal</i> , 2015, 14, 384.	2.3	21
101	Standardizing <i>Plasmodium falciparum</i> infection prevalence measured via microscopy versus rapid diagnostic test. <i>Malaria Journal</i> , 2015, 14, 460.	2.3	22
102	Seasonality of <i>Plasmodium falciparum</i> transmission: a systematic review. <i>Malaria Journal</i> , 2015, 14, 343.	2.3	59
103	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.	2.5	42
104	<i>Plasmodium vivax</i> Transmission in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004222.	3.0	102
105	Defining the relationship between <i>Plasmodium vivax</i> parasite rate and clinical disease. <i>Malaria Journal</i> , 2015, 14, 191.	2.3	12
106	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.	2.3	13
107	Lead Clinical and Preclinical Antimalarial Drugs Can Significantly Reduce Sporozoite Transmission to Vertebrate Populations. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 490-497.	3.2	23
108	Climate change, urbanization and disease: summer in the city.... <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 171-172.	1.8	19

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109	Re-examining environmental correlates of Plasmodium falciparum malaria endemicity: a data-intensive variable selection approach. <i>Malaria Journal</i> , 2015, 14, 68.	2.3	86
110	Adult vector control, mosquito ecology and malaria transmission. <i>International Health</i> , 2015, 7, 121-129.	2.0	34
111	Defining the relationship between infection prevalence and clinical incidence of Plasmodium falciparum malaria. <i>Nature Communications</i> , 2015, 6, 8170.	12.8	67
112	Malaria mapping: understanding the global endemicity of falciparum and vivax malaria. <i>BMC Medicine</i> , 2015, 13, 140.	5.5	43
113	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.	5.5	37
114	The global distribution of Crimean-Congo hemorrhagic fever. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 503-513.	1.8	193
115	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</i> , 2015, 386, 2145-2191.	13.7	1,544
116	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
117	Prioritising Infectious Disease Mapping. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003756.	3.0	30
118	Coverage and system efficiencies of insecticide-treated nets in Africa from 2000 to 2017. <i>ELife</i> , 2015, 4, .	6.0	131
119	Global distribution maps of the leishmaniasis. <i>ELife</i> , 2014, 3, .	6.0	203
120	Mapping the zoonotic niche of Ebola virus disease in Africa. <i>ELife</i> , 2014, 3, e04395.	6.0	328
121	Comparing community P. falciparum infection prevalence measured via microscopy versus rapid diagnostic test. <i>Malaria Journal</i> , 2014, 13, .	2.3	1
122	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.	8.4	139
123	Defining the Geographical Range of the Plasmodium knowlesi Reservoir. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2780.	3.0	84
124	Modeling Within-Host Effects of Drugs on Plasmodium falciparum Transmission and Prospects for Malaria Elimination. <i>PLoS Computational Biology</i> , 2014, 10, e1003434.	3.2	45
125	Predicting the risk of avian influenza A H7N9 infection in live-poultry markets across Asia. <i>Nature Communications</i> , 2014, 5, 4116.	12.8	145
126	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, 185-197.	1.8	142

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127	An effective approach for gap-filling continental scale remotely sensed time-series. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 98, 106-118.	11.1	156
128	Declining malaria in Africa: improving the measurement of progress. Malaria Journal, 2014, 13, 39.	2.3	37
129	Risk factors for UK Plasmodium falciparum cases. Malaria Journal, 2014, 13, 298.	2.3	9
130	Global temperature constraints on Aedes aegypti and Ae. albopictus persistence and competence for dengue virus transmission. Parasites and Vectors, 2014, 7, 338.	2.5	280
131	Geographical variation in Plasmodium vivax relapse. Malaria Journal, 2014, 13, 144.	2.3	223
132	Air temperature suitability for Plasmodium falciparum malaria transmission in Africa 2000-2012: a high-resolution spatiotemporal prediction. Malaria Journal, 2014, 13, 171.	2.3	65
133	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.	2.5	19
134	A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. ELife, 2014, 3, e02130.	6.0	115
135	Urbanization and the global malaria recession. Malaria Journal, 2013, 12, 133.	2.3	94
136	The Distribution and Bionomics of Anopheles Malaria Vector Mosquitoes in Indonesia. Advances in Parasitology, 2013, 83, 173-266.	3.2	60
137	Modelling adult Aedes aegypti and Aedes albopictus survival at different temperatures in laboratory and field settings. Parasites and Vectors, 2013, 6, 351.	2.5	357
138	Global epidemiology of sickle haemoglobin in neonates: a contemporary geostatistical model-based map and population estimates. Lancet, The, 2013, 381, 142-151.	13.7	841
139	The global distribution and burden of dengue. Nature, 2013, 496, 504-507.	27.8	7,138
140	A systematic review of mathematical models of mosquito-borne pathogen transmission: 1970â€“2010. Journal of the Royal Society Interface, 2013, 10, 20120921.	3.4	306
141	The Stability of Malaria Elimination. Science, 2013, 339, 909-910.	12.6	43
142	Global mapping of infectious disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120250.	4.0	179
143	Transmission-blocking interventions eliminate malaria from laboratory populations. Nature Communications, 2013, 4, 1812.	12.8	95
144	A sticky situation: the unexpected stability of malaria elimination. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120145.	4.0	80

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145	The distribution of haemoglobin C and its prevalence in newborns in Africa. <i>Scientific Reports</i> , 2013, 3, 1671.	3.3	85
146	Refining the Global Spatial Limits of Dengue Virus Transmission by Evidence-Based Consensus. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1760.	3.0	1,276
147	A Long Neglected World Malaria Map: <i>Plasmodium vivax</i> Endemicity in 2010. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1814.	3.0	448
148	G6PD Deficiency Prevalence and Estimates of Affected Populations in Malaria Endemic Countries: A Geostatistical Model-Based Map. <i>PLoS Medicine</i> , 2012, 9, e1001339.	8.4	404
149	Optimizing Investments in Malaria Treatment and Diagnosis. <i>Science</i> , 2012, 338, 612-614.	12.6	47
150	Geographical access to care at birth in Ghana: a barrier to safe motherhood. <i>BMC Public Health</i> , 2012, 12, 991.	2.9	105
151	A global map of dominant malaria vectors. <i>Parasites and Vectors</i> , 2012, 5, 69.	2.5	485
152	The Global Public Health Significance of <i>Plasmodium vivax</i> . <i>Advances in Parasitology</i> , 2012, 80, 1-111.	3.2	105
153	The effects of urbanization on global <i>Plasmodium vivax</i> malaria transmission. <i>Malaria Journal</i> , 2012, 11, 403.	2.3	37
154	Funding for malaria control 2006–2010: A comprehensive global assessment. <i>Malaria Journal</i> , 2012, 11, 246.	2.3	61
155	<i>Plasmodium vivax</i> Malaria Endemicity in Indonesia in 2010. <i>PLoS ONE</i> , 2012, 7, e37325.	2.5	35
156	The global distribution of the Duffy blood group. <i>Nature Communications</i> , 2011, 2, 266.	12.8	287
157	The Applications of Model-Based Geostatistics in Helminth Epidemiology and Control. <i>Advances in Parasitology</i> , 2011, 74, 267-296.	3.2	81
158	Coverage of malaria protection in pregnant women in sub-Saharan Africa: a synthesis and analysis of national survey data. <i>Lancet Infectious Diseases</i> , 2011, 11, 190-207.	9.1	124
159	Tree line identification from pollen data: beyond the limit?. <i>Journal of Biogeography</i> , 2011, 38, 1792-1806.	3.0	25
160	Bayesian geostatistics in health cartography: the perspective of malaria. <i>Trends in Parasitology</i> , 2011, 27, 246-253.	3.3	66
161	The dominant <i>Anopheles</i> vectors of human malaria in the Asia-Pacific region: occurrence data, distribution maps and bionomic profiles. <i>Parasites and Vectors</i> , 2011, 4, 89.	2.5	401
162	Modelling the global constraints of temperature on transmission of <i>Plasmodium falciparum</i> and <i>P. vivax</i> . <i>Parasites and Vectors</i> , 2011, 4, 92.	2.5	162

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163	A new world malaria map: Plasmodium falciparum endemicity in 2010. <i>Malaria Journal</i> , 2011, 10, 378.	2.3	662
164	The effects of spatial population dataset choice on estimates of population at risk of disease. <i>Population Health Metrics</i> , 2011, 9, 4.	2.7	63
165	Can Mobile Phone Data Improve Emergency Response to Natural Disasters?. <i>PLoS Medicine</i> , 2011, 8, e1001085.	8.4	34
166	Spatial Modelling of Soil-Transmitted Helminth Infections in Kenya: A Disease Control Planning Tool. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e958.	3.0	105
167	Plasmodium falciparum Malaria Endemicity in Indonesia in 2010. <i>PLoS ONE</i> , 2011, 6, e21315.	2.5	51
168	Temperature and Malaria Trends in Highland East Africa. <i>PLoS ONE</i> , 2011, 6, e24524.	2.5	68
169	Climate change and the global malaria recession. <i>Nature</i> , 2010, 465, 342-345.	27.8	304
170	Developing Global Maps of the Dominant Anopheles Vectors of Human Malaria. <i>PLoS Medicine</i> , 2010, 7, e1000209.	8.4	161
171	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, 1079-1087.	1.4	32
172	Estimating the Global Clinical Burden of Plasmodium falciparum Malaria in 2007. <i>PLoS Medicine</i> , 2010, 7, e1000290.	8.4	290
173	Bayesian Geostatistical Analysis and Prediction of Rhodesian Human African Trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e914.	3.0	23
174	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.	3.2	51
175	The International Limits and Population at Risk of Plasmodium vivax Transmission in 2009. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e774.	3.0	405
176	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.	8.4	78
177	The dominant Anopheles vectors of human malaria in Africa, Europe and the Middle East: occurrence data, distribution maps and bionomic prÃ©cis. <i>Parasites and Vectors</i> , 2010, 3, 117.	2.5	508
178	The dominant Anopheles vectors of human malaria in the Americas: occurrence data, distribution maps and bionomic prÃ©cis. <i>Parasites and Vectors</i> , 2010, 3, 72.	2.5	270
179	India's invisible malaria burden. <i>Lancet, The</i> , 2010, 376, 1716-1717.	13.7	54
180	Ranking of elimination feasibility between malaria-endemic countries. <i>Lancet, The</i> , 2010, 376, 1579-1591.	13.7	119

#	ARTICLE	IF	CITATIONS
181	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, 1409-1416.	13.7	49
182	Global distribution of the sickle cell gene and geographical confirmation of the malaria hypothesis. <i>Nature Communications</i> , 2010, 1, 104.	12.8	423
183	A World Malaria Map: <i>Plasmodium falciparum</i> Endemicity in 2007. <i>PLoS Medicine</i> , 2009, 6, e1000048.	8.4	460
184	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.	3.0	45
185	The risks of malaria infection in Kenya in 2009. <i>BMC Infectious Diseases</i> , 2009, 9, 180.	2.9	121
186	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.	2.5	67
187	Defining the relationship between <i>Plasmodium falciparum</i> parasite rate and clinical disease: statistical models for disease burden estimation. <i>Malaria Journal</i> , 2009, 8, 186.	2.3	37
188	Using remotely sensed night-time light as a proxy for poverty in Africa. <i>Population Health Metrics</i> , 2008, 6, 5.	2.7	117
189	Developing Geostatistical Space-Time Models to Predict Outpatient Treatment Burdens from Incomplete National Data. <i>Geographical Analysis</i> , 2008, 40, 167-188.	3.5	19
190	Spatial prediction of <i>Plasmodium falciparum</i> prevalence in Somalia. <i>Malaria Journal</i> , 2008, 7, 159.	2.3	65
191	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.	4.5	17
192	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.	5.5	27
193	Improving Imperfect Data from Health Management Information Systems in Africa Using Space-Time Geostatistics. <i>PLoS Medicine</i> , 2006, 3, e271.	8.4	108
194	Modelling distances travelled to government health services in Kenya. <i>Tropical Medicine and International Health</i> , 2006, 11, 188-196.	2.3	131
195	IDENTIFICATION OF SPECIFIC TREE SPECIES IN ANCIENT SEMI-NATURAL WOODLAND FROM DIGITAL AERIAL SENSOR IMAGERY. , 2005, 15, 1233-1244.		26
196	Empirical modelling of government health service use by children with fevers in Kenya. <i>Acta Tropica</i> , 2004, 91, 227-237.	2.0	48
197	Location-allocation Planning. , 0, , 540-566.		3