

Peter Gething

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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	4.4	1
195	A simulation study of disaggregation regression for spatial disease mapping. <i>Statistics in Medicine</i> , 2021 ,	2.3	1
194	Mapping malaria by sharing spatial information between incidence and prevalence data sets. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021 , 70, 733-749	1.5	1
193	Maps and metrics of insecticide-treated net access, use, and nets-per-capita in Africa from 2000-2020. <i>Nature Communications</i> , 2021 , 12, 3589	17.4	8
192	Mapping the endemicity and seasonality of clinical malaria for intervention targeting in Haiti using routine case data. <i>ELife</i> , 2021 , 10,	8.9	1
191	Global economic costs due to vivax malaria and the potential impact of its radical cure: A modelling study. <i>PLoS Medicine</i> , 2021 , 18, e1003614	11.6	2
190	Indirect effects of the COVID-19 pandemic on malaria intervention coverage, morbidity, and mortality in Africa: a geospatial modelling analysis. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 59-69	25.5	71
189	Housing and child health in sub-Saharan Africa: A cross-sectional analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003055	10.5	34
188	Mapping trends in insecticide resistance phenotypes in African malaria vectors. <i>PLoS Biology</i> , 2020 , 18, e3000633	9.7	36
187	The invisible burden of malaria-attributable stillbirths - AuthorsTreply. <i>Lancet, The</i> , 2020 , 395, 268-269	40	0
186	Mapping malaria seasonality in Madagascar using health facility data. <i>BMC Medicine</i> , 2020 , 18, 26	11.4	10
185	Update to: A stakeholder workshop about modelled maps of key malaria indicator survey indicators in Madagascar. <i>Malaria Journal</i> , 2020 , 19, 13	3.6	
184	Global maps of travel time to healthcare facilities. <i>Nature Medicine</i> , 2020 , 26, 1835-1838	50.5	45
183	Global estimation of anti-malarial drug effectiveness for the treatment of uncomplicated Plasmodium falciparum malaria 1991-2019. <i>Malaria Journal</i> , 2020 , 19, 374	3.6	9
182	Improving disaggregation models of malaria incidence by ensembling non-linear models of prevalence. <i>Spatial and Spatio-temporal Epidemiology</i> , 2020 , 100357	3.5	3
181	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
180	Identifying and combating the impacts of COVID-19 on malaria. <i>BMC Medicine</i> , 2020 , 18, 239	11.4	40

179	Spatiotemporal mapping of malaria prevalence in Madagascar using routine surveillance and health survey data. <i>Scientific Reports</i> , 2020 , 10, 18129	4.9	5
178	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. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 953-963	25.5	6
177	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
176	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
175	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
174	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
173	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
172	Mapping trends in insecticide resistance phenotypes in African malaria vectors 2020 , 18, e3000633		
171	Geo-spatial modeling of access to water and sanitation in Nigeria. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2019 , 9, 258-280	1.5	3
170	Pareto rules for malaria super-spreaders and super-spreading. <i>Nature Communications</i> , 2019 , 10, 3939	17.4	23
169	Malaria eradication within a generation: ambitious, achievable, and necessary. <i>Lancet, The</i> , 2019 , 394, 1056-1112	40	130
168	Mapping Geospatial Processes Affecting the Environmental Fate of Agricultural Pesticides in Africa. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
167	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
166	Mapping the global prevalence, incidence, and mortality of Plasmodium falciparum, 2000-17: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 394, 322-331	40	155
165	Mapping the global endemicity and clinical burden of Plasmodium vivax, 2000-17: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 394, 332-343	40	149
164	The contribution of non-malarial febrile illness co-infections to Plasmodium falciparum case counts in health facilities in sub-Saharan Africa. <i>Malaria Journal</i> , 2019 , 18, 195	3.6	10
163	Household electricity access in Africa (2000-2013): Closing information gaps with model-based geostatistics. <i>PLoS ONE</i> , 2019 , 14, e0214635	3.7	6
162	A stakeholder workshop about modelled maps of key malaria indicator survey indicators in Madagascar. <i>Malaria Journal</i> , 2019 , 18, 90	3.6	5

161	Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. <i>Nature</i> , 2019 , 568, 391-394	50.4	74
160	Mapping diphtheria-pertussis-tetanus vaccine coverage in Africa, 2000-2016: a spatial and temporal modelling study. <i>Lancet, The</i> , 2019 , 393, 1843-1855	40	55
159	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019 , 574, 353-358	50.4	87
158	Growing evidence of <i>Plasmodium vivax</i> across malaria-endemic Africa. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007140	4.8	70
157	The origins and relatedness structure of mixed infections vary with local prevalence of malaria. <i>ELife</i> , 2019 , 8,	8.9	25
156	Mapping child growth failure in Africa between 2000 and 2015. <i>Nature</i> , 2018 , 555, 41-47	50.4	118
155	Mapping local variation in educational attainment across Africa. <i>Nature</i> , 2018 , 555, 48-53	50.4	52
154	A global map of travel time to cities to assess inequalities in accessibility in 2015. <i>Nature</i> , 2018 , 553, 333-336	50.4	376
153	The DHS Program's Modeled Surfaces Spatial Datasets. <i>Studies in Family Planning</i> , 2018 , 49, 87-92	3.4	8
152	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
151	malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. <i>Malaria Journal</i> , 2018 , 17, 352	3.6	38
150	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
149	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
148	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
147	Spatio-temporal mapping of Madagascar's Malaria Indicator Survey results to assess <i>Plasmodium falciparum</i> endemicity trends between 2011 and 2016. <i>BMC Medicine</i> , 2018 , 16, 71	11.4	34
146	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
145	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
144	How long do rapid diagnostic tests remain positive after anti-malarial treatment?. <i>Malaria Journal</i> , 2018 , 17, 228	3.6	65

143	Developing global maps of insecticide resistance risk to improve vector control. <i>Malaria Journal</i> , 2017 , 16, 86	3.6	42
142	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
141	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
140	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
139	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. <i>Lancet, The</i> , 2017 , 390, 2662-2672	40	51
138	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
137	Mapping multiple components of malaria risk for improved targeting of elimination interventions. <i>Malaria Journal</i> , 2017 , 16, 459	3.6	31
136	Intercalibration and Gaussian Process Modeling of Nighttime Lights Imagery for Measuring Urbanization Trends in Africa 2000-2013. <i>Remote Sensing</i> , 2017 , 9, 713	5	10
135	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
134	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
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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	3.6	10

125	Geographical distributions of African malaria vector sibling species and evidence for insecticide resistance. <i>Malaria Journal</i> , 2017 , 16, 85	3.6	72
124	Quantifying the contribution of malaria to febrile illness amongst African children. <i>ELife</i> , 2017 , 6,	8.9	24
123	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
122	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
121	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
120	Optimal health and disease management using spatial uncertainty: a geographic characterization of emergent artemisinin-resistant Plasmodium falciparum distributions in Southeast Asia. <i>International Journal of Health Geographics</i> , 2016 , 15, 37	3.5	7
119	Mapping Malaria Risk in Low Transmission Settings: Challenges and Opportunities. <i>Trends in Parasitology</i> , 2016 , 32, 635-645	6.4	27
118	Treatment-seeking rates in malaria endemic countries. <i>Malaria Journal</i> , 2016 , 15, 20	3.6	37
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, The</i> , 2016 , 16, 465-72	25.5	74
116	Averting a malaria disaster: will insecticide resistance derail malaria control?. <i>Lancet, The</i> , 2016 , 387, 1785-8	40	247
115	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
114	Updates to the zoonotic niche map of Ebola virus disease in Africa. <i>ELife</i> , 2016 , 5,	8.9	46
113	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. <i>Eurosurveillance</i> , 2016 , 21,	19.8	97
112	Mapping global environmental suitability for Zika virus. <i>ELife</i> , 2016 , 5,	8.9	231
111	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
110	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
109	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
108	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

107	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
106	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
105	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
104	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
103	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
102	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
101	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
100	Climate change, urbanization and disease: summer in the city <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015 , 109, 171-2	2	11
99	Re-examining environmental correlates of <i>Plasmodium falciparum</i> malaria endemicity: a data-intensive variable selection approach. <i>Malaria Journal</i> , 2015 , 14, 68	3.6	72
98	Adult vector control, mosquito ecology and malaria transmission. <i>International Health</i> , 2015 , 7, 121-9	2.4	24
97	Defining the relationship between infection prevalence and clinical incidence of <i>Plasmodium falciparum</i> malaria. <i>Nature Communications</i> , 2015 , 6, 8170	17.4	52
96	Malaria mapping: understanding the global endemicity of <i>falciparum</i> and <i>vivax</i> malaria. <i>BMC Medicine</i> , 2015 , 13, 140	11.4	36
95	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
94	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
93	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
92	The effect of malaria control on <i>Plasmodium falciparum</i> in Africa between 2000 and 2015. <i>Nature</i> , 2015 , 526, 207-211	50.4	1499
91	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
90	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

89	Standardizing Plasmodium falciparum infection prevalence measured via microscopy versus rapid diagnostic test. <i>Malaria Journal</i> , 2015 , 14, 460	3.6	19
88	Seasonality of Plasmodium falciparum transmission: a systematic review. <i>Malaria Journal</i> , 2015 , 14, 343	3.6	41
87	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
86	Plasmodium vivax Transmission in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004222	4.8	71
85	Defining the relationship between Plasmodium vivax parasite rate and clinical disease. <i>Malaria Journal</i> , 2015 , 14, 191	3.6	8
84	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
83	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
82	Prioritising Infectious Disease Mapping. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003756	4.8	20
81	Coverage and system efficiencies of insecticide-treated nets in Africa from 2000 to 2017. <i>ELife</i> , 2015 , 4,	8.9	94
80	Declining malaria in Africa: improving the measurement of progress. <i>Malaria Journal</i> , 2014 , 13, 39	3.6	32
79	Risk factors for UK Plasmodium falciparum cases. <i>Malaria Journal</i> , 2014 , 13, 298	3.6	9
78	Global temperature constraints on Aedes aegypti and Ae. albopictus persistence and competence for dengue virus transmission. <i>Parasites and Vectors</i> , 2014 , 7, 338	4	212
77	Geographical variation in Plasmodium vivax relapse. <i>Malaria Journal</i> , 2014 , 13, 144	3.6	167
76	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
75	Global distribution maps of the leishmaniasis. <i>ELife</i> , 2014 , 3,	8.9	151
74	Mapping the zoonotic niche of Ebola virus disease in Africa. <i>ELife</i> , 2014 , 3, e04395	8.9	234
73	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
72	Defining the geographical range of the Plasmodium knowlesi reservoir. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2780	4.8	67

71	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
70	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
69	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
68	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
67	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
66	A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. <i>ELife</i> , 2014 , 3, e02130	8.9	92
65	Urbanization and the global malaria recession. <i>Malaria Journal</i> , 2013 , 12, 133	3.6	81
64	The distribution and bionomics of anopheles malaria vector mosquitoes in Indonesia. <i>Advances in Parasitology</i> , 2013 , 83, 173-266	3.2	42
63	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
62	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
61	The global distribution and burden of dengue. <i>Nature</i> , 2013 , 496, 504-7	50.4	5261
60	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
59	Infectious disease. The stability of malaria elimination. <i>Science</i> , 2013 , 339, 909-10	33.3	39
58	Global mapping of infectious disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120250	5.8	139
57	Transmission-blocking interventions eliminate malaria from laboratory populations. <i>Nature Communications</i> , 2013 , 4, 1812	17.4	72
56	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
55	The distribution of haemoglobin C and its prevalence in newborns in Africa. <i>Scientific Reports</i> , 2013 , 3, 1671	4.9	55
54	Public health. Optimizing investments in malaria treatment and diagnosis. <i>Science</i> , 2012 , 338, 612-4	33.3	38

53	Geographical access to care at birth in Ghana: a barrier to safe motherhood. <i>BMC Public Health</i> , 2012 , 12, 991	4.1	84
52	A global map of dominant malaria vectors. <i>Parasites and Vectors</i> , 2012 , 5, 69	4	347
51	The global public health significance of Plasmodium vivax. <i>Advances in Parasitology</i> , 2012 , 80, 1-111	3.2	91
50	The effects of urbanization on global Plasmodium vivax malaria transmission. <i>Malaria Journal</i> , 2012 , 11, 403	3.6	31
49	Funding for malaria control 2006-2010: a comprehensive global assessment. <i>Malaria Journal</i> , 2012 , 11, 246	3.6	58
48	Plasmodium vivax malaria endemicity in Indonesia in 2010. <i>PLoS ONE</i> , 2012 , 7, e37325	3.7	24
47	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
46	A long neglected world malaria map: Plasmodium vivax endemicity in 2010. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1814	4.8	392
45	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
44	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	25.5	108
43	Tree line identification from pollen data: beyond the limit?. <i>Journal of Biogeography</i> , 2011 , 38, 1792-1806	4.1	22
42	Bayesian geostatistics in health cartography: the perspective of malaria. <i>Trends in Parasitology</i> , 2011 , 27, 246-53	6.4	58
41	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
40	Modelling the global constraints of temperature on transmission of Plasmodium falciparum and P. vivax. <i>Parasites and Vectors</i> , 2011 , 4, 92	4	130
39	A new world malaria map: Plasmodium falciparum endemicity in 2010. <i>Malaria Journal</i> , 2011 , 10, 378	3.6	490
38	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
37	The global distribution of the Duffy blood group. <i>Nature Communications</i> , 2011 , 2, 266	17.4	215
36	The applications of model-based geostatistics in helminth epidemiology and control. <i>Advances in Parasitology</i> , 2011 , 74, 267-96	3.2	72

35	Can mobile phone data improve emergency response to natural disasters?. <i>PLoS Medicine</i> , 2011 , 8, e1001085	10.85	26
34	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
33	Plasmodium falciparum malaria endemicity in Indonesia in 2010. <i>PLoS ONE</i> , 2011 , 6, e21315	3.7	41
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