

# Andrew J Tatem

## 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.

258  
papers

19,835  
citations

76  
h-index

135  
g-index

277  
ext. papers

24,135  
ext. citations

8.7  
avg, IF

7.1  
L-index

#	Paper	IF	Citations
258	Towards an Improved Large-Scale Gridded Population Dataset: A Pan-European Study on the Integration of 3D Settlement Data into Population Modelling. <i>Remote Sensing</i> , <b>2022</b> , 14, 325	5	1
257	Global holiday datasets for understanding seasonal human mobility and population dynamics.. <i>Scientific Data</i> , <b>2022</b> , 9, 17	8.2	3
256	Impacts of worldwide individual non-pharmaceutical interventions on COVID-19 transmission across waves and space.. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2022</b> , 106, 102649	7.3	5
255	Understanding factors associated with attending secondary school in Tanzania using household survey data.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263734	3.7	0
254	High-resolution population estimation using household survey data and building footprints.. <i>Nature Communications</i> , <b>2022</b> , 13, 1330	17.4	5
253	Characterising the Land Surface Phenology of Middle Eastern Countries Using Moderate Resolution Landsat Data. <i>Remote Sensing</i> , <b>2022</b> , 14, 2136	5	1
252	Assessing the characteristics of un- and under-vaccinated children in low- and middle-income countries: A multi-level cross-sectional study. <i>PLOS Global Public Health</i> , <b>2022</b> , 2, e0000244		4
251	Multilevel analysis of predictors of multiple indicators of childhood vaccination in Nigeria. <i>PLoS ONE</i> , <b>2022</b> , 17, e0269066	3.7	1
250	Domestic and international mobility trends in the United Kingdom during the COVID-19 pandemic: an analysis of facebook data. <i>International Journal of Health Geographics</i> , <b>2021</b> , 20, 46	3.5	6
249	Mobility and phone call behavior explain patterns in poverty at high-resolution across multiple settings. <i>Humanities and Social Sciences Communications</i> , <b>2021</b> , 8,	2.8	1
248	Infectious disease in an era of global change. <i>Nature Reviews Microbiology</i> , <b>2021</b> ,	22.2	52
247	High-Resolution Gridded Population Datasets: Exploring the Capabilities of the World Settlement Footprint 2019 Imperviousness Layer for the African Continent. <i>Remote Sensing</i> , <b>2021</b> , 13, 1142	5	9
246	Assessing the Effect of Global Travel and Contact Restrictions on Mitigating the COVID-19 Pandemic. <i>Engineering</i> , <b>2021</b> , 7, 914-923	9.7	7
245	Untangling introductions and persistence in COVID-19 resurgence in Europe. <i>Nature</i> , <b>2021</b> , 595, 713-717	50.4	37
244	Geographical distribution of fertility rates in 70 low-income, lower-middle-income, and upper-middle-income countries, 2010-16: a subnational analysis of cross-sectional surveys. <i>The Lancet Global Health</i> , <b>2021</b> , 9, e802-e812	13.6	4
243	Practical geospatial and sociodemographic predictors of human mobility. <i>Scientific Reports</i> , <b>2021</b> , 11, 15389	4.9	1
242	Classifying settlement types from multi-scale spatial patterns of building footprints. <i>Environment and Planning B: Urban Analytics and City Science</i> , <b>2021</b> , 48, 1161-1179	2	18

241	Risk of Coronavirus Disease 2019 Transmission in Train Passengers: an Epidemiological and Modeling Study. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 604-610	11.6	109
240	Generating Spatial Demographic Data for Health in Africa. <i>Global Perspectives on Health Geography</i> , <b>2021</b> , 9-27	0.3	1
239	Measuring the contribution of built-settlement data to global population mapping. <i>Social Sciences &amp; Humanities Open</i> , <b>2021</b> , 3, 100102	1.9	1
238	Variation in SARS-CoV-2 outbreaks across sub-Saharan Africa. <i>Nature Medicine</i> , <b>2021</b> , 27, 447-453	50.5	43
237	Integrated vaccination and physical distancing interventions to prevent future COVID-19 waves in Chinese cities. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 695-705	12.8	52
236	SARS-CoV-2 European resurgence foretold: interplay of introductions and persistence by leveraging genomic and mobility data <b>2021</b> ,		6
235	District-level estimation of vaccination coverage: Discrete vs continuous spatial models. <i>Statistics in Medicine</i> , <b>2021</b> , 40, 2197-2211	2.3	2
234	Tools for mapping multi-scale settlement patterns of building footprints: An introduction to the R package foot. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247535	3.7	9
233	Mobility in China, 2020: a tale of four phases. <i>National Science Review</i> , <b>2021</b> , 8, nwab148	10.8	6
232	The Role of Earth Observation in Achieving Sustainable Agricultural Production in Arid and Semi-Arid Regions of the World. <i>Remote Sensing</i> , <b>2021</b> , 13, 3382	5	4
231	Trip duration drives shift in travel network structure with implications for the predictability of spatial disease spread. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009127	5	1
230	Characterizing human mobility patterns in rural settings of sub-Saharan Africa. <i>ELife</i> , <b>2021</b> , 10,	8.9	3
229	Mapping out-of-school adolescents and youths in low- and middle-income countries. <i>Humanities and Social Sciences Communications</i> , <b>2021</b> , 8,	2.8	2
228	A review of geospatial methods for population estimation and their use in constructing reproductive, maternal, newborn, child and adolescent health service indicators. <i>BMC Health Services Research</i> , <b>2021</b> , 21, 370	2.9	1
227	Risk of SARS-CoV-2 Transmission among Air Passengers in China. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	3
226	Vaccination strategies for measles control and elimination: time to strengthen local initiatives. <i>BMC Medicine</i> , <b>2021</b> , 19, 2	11.4	14
225	Estimating access to health care in Yemen, a complex humanitarian emergency setting: a descriptive applied geospatial analysis. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1435-e1443	13.6	11
224	Using GIS and Machine Learning to Classify Residential Status of Urban Buildings in Low and Middle Income Settings. <i>Remote Sensing</i> , <b>2020</b> , 12, 3847	5	8

223	Geospatial estimation of reproductive, maternal, newborn and child health indicators: a systematic review of methodological aspects of studies based on household surveys. <i>International Journal of Health Geographics</i> , <b>2020</b> , 19, 41	3.5	1
222	Modeling human migration across spatial scales in Colombia. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232702	3.7	1
221	Predicting Near-Future Built-Settlement Expansion Using Relative Changes in Small Area Populations. <i>Remote Sensing</i> , <b>2020</b> , 12, 1545	5	2
220	Geospatial variation in measles vaccine coverage through routine and campaign strategies in Nigeria: Analysis of recent household surveys. <i>Vaccine</i> , <b>2020</b> , 38, 3062-3071	4.1	14
219	Spatial inequalities in skilled attendance at birth in Ghana: a multilevel analysis integrating health facility databases with household survey data. <i>Tropical Medicine and International Health</i> , <b>2020</b> , 25, 1044-1054	2.3	2
218	A grid-based sample design framework for household surveys. <i>Gates Open Research</i> , <b>2020</b> , 4, 13	2.4	2
217	Uncovering two phases of early intercontinental COVID-19 transmission dynamics. <i>Journal of Travel Medicine</i> , <b>2020</b> , 27,	12.9	14
216	Assessing spread risk of Wuhan novel coronavirus within and beyond China, January-April 2020: a travel network-based modelling study <b>2020</b> ,		77
215	High variation expected in the pace and burden of SARS-CoV-2 outbreaks across sub-Saharan Africa <b>2020</b> ,		3
214	Using models to shape measles control and elimination strategies in low- and middle-income countries: A review of recent applications. <i>Vaccine</i> , <b>2020</b> , 38, 979-992	4.1	15
213	Annually modelling built-settlements between remotely-sensed observations using relative changes in subnational populations and lights at night. <i>Computers, Environment and Urban Systems</i> , <b>2020</b> , 80, 101444	5.9	10
212	National population mapping from sparse survey data: A hierarchical Bayesian modeling framework to account for uncertainty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 24173-24179	11.5	15
211	Effect of non-pharmaceutical interventions to contain COVID-19 in China. <i>Nature</i> , <b>2020</b> , 585, 410-413	50.4	523
210	Assessing the impact of coordinated COVID-19 exit strategies across Europe. <i>Science</i> , <b>2020</b> , 369, 1465-1470	35.9	117
209	The duration of travel impacts the spatial dynamics of infectious diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 22572-22579	11.5	16
208	Gridded population survey sampling: a systematic scoping review of the field and strategic research agenda. <i>International Journal of Health Geographics</i> , <b>2020</b> , 19, 34	3.5	7
207	Measuring the availability and geographical accessibility of maternal health services across sub-Saharan Africa. <i>BMC Medicine</i> , <b>2020</b> , 18, 237	11.4	9
206	Comparisons of two global built area land cover datasets in methods to disaggregate human population in eleven countries from the global South. <i>International Journal of Digital Earth</i> , <b>2020</b> , 13, 78-100	3.9	11

205	Using gridded population and quadtree sampling units to support survey sample design in low-income settings. <i>International Journal of Health Geographics</i> , <b>2020</b> , 19, 10	3.5	5
204	Strengthening surveillance systems for malaria elimination: a global landscaping of system performance, 2015-2017. <i>Malaria Journal</i> , <b>2019</b> , 18, 315	3.6	24
203	Assessing the spatial sensitivity of a random forest model: Application in gridded population modeling. <i>Computers, Environment and Urban Systems</i> , <b>2019</b> , 75, 132-145	5.9	31
202	Exploring fine-scale human and livestock movement in western Kenya. <i>One Health</i> , <b>2019</b> , 7, 100081	7.6	3
201	Measurement of Social Networks for Innovation within Community Disaster Resilience. <i>Sustainability</i> , <b>2019</b> , 11, 1943	3.6	26
200	Past and future spread of the arbovirus vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . <i>Nature Microbiology</i> , <b>2019</b> , 4, 854-863	26.6	319
199	Inter-annual variation in seasonal dengue epidemics driven by multiple interacting factors in Guangzhou, China. <i>Nature Communications</i> , <b>2019</b> , 10, 1148	17.4	21
198	Measuring mobility, disease connectivity and individual risk: a review of using mobile phone data and mHealth for travel medicine. <i>Journal of Travel Medicine</i> , <b>2019</b> , 26,	12.9	43
197	Mapping vaccination coverage to explore the effects of delivery mechanisms and inform vaccination strategies. <i>Nature Communications</i> , <b>2019</b> , 10, 1633	17.4	40
196	Utilizing general human movement models to predict the spread of emerging infectious diseases in resource poor settings. <i>Scientific Reports</i> , <b>2019</b> , 9, 5151	4.9	55
195	Changing epidemiology and challenges of malaria in China towards elimination. <i>Malaria Journal</i> , <b>2019</b> , 18, 107	3.6	34
194	Global spatio-temporally harmonised datasets for producing high-resolution gridded population distribution datasets. <i>Big Earth Data</i> , <b>2019</b> , 3, 108-139	4.1	58
193	New Perspectives for Mapping Global Population Distribution Using World Settlement Footprint Products. <i>Sustainability</i> , <b>2019</b> , 11, 6056	3.6	18
192	The spatial allocation of population: a review of large-scale gridded population data products and their fitness for use. <i>Earth System Science Data</i> , <b>2019</b> , 11, 1385-1409	10.5	97
191	Using parasite genetic and human mobility data to infer local and cross-border malaria connectivity in Southern Africa. <i>ELife</i> , <b>2019</b> , 8,	8.9	38
190	Exploring the use of mobile phone data for national migration statistics. <i>Palgrave Communications</i> , <b>2019</b> , 5,	5.3	26
189	The influence of distance and quality on utilisation of birthing services at health facilities in Eastern Region, Ghana. <i>BMJ Global Health</i> , <b>2019</b> , 4, e002020	6.6	14
188	Estimating uncertainty in geospatial modelling at multiple spatial resolutions: the pattern of delivery via caesarean section in Tanzania. <i>BMJ Global Health</i> , <b>2019</b> , 4, e002092	6.6	2

187	Using geospatial modelling to estimate the prevalence of adolescent first births in Nepal. <i>BMJ Global Health</i> , <b>2019</b> , 4, e000763	6.6	6
186	How accurate are modelled birth and pregnancy estimates? Comparison of four models using high resolution maternal health census data in southern Mozambique. <i>BMJ Global Health</i> , <b>2019</b> , 4, e000894	6.6	
185	Best practices in availability, management and use of geospatial data to guide reproductive, maternal, child and adolescent health programmes. <i>BMJ Global Health</i> , <b>2019</b> , 4, e001406	6.6	2
184	People and Pixels 20 years later: the current data landscape and research trends blending population and environmental data. <i>Population and Environment</i> , <b>2019</b> , 41, 209-234	4	20
183	A spatial regression model for the disaggregation of areal unit based data to high-resolution grids with application to vaccination coverage mapping. <i>Statistical Methods in Medical Research</i> , <b>2019</b> , 28, 3226-3241 <sup>17</sup>	2.3	17
182	Spatiotemporal incidence of Zika and associated environmental drivers for the 2015-2016 epidemic in Colombia. <i>Scientific Data</i> , <b>2018</b> , 5, 180073	8.2	14
181	Mapping road network communities for guiding disease surveillance and control strategies. <i>Scientific Reports</i> , <b>2018</b> , 8, 4744	4.9	17
180	High resolution age-structured mapping of childhood vaccination coverage in low and middle income countries. <i>Vaccine</i> , <b>2018</b> , 36, 1583-1591	4.1	41
179	Identifying residential neighbourhood types from settlement points in a machine learning approach. <i>Computers, Environment and Urban Systems</i> , <b>2018</b> , 69, 104-113	5.9	24
178	Productive disruption: opportunities and challenges for innovation in infectious disease surveillance. <i>BMJ Global Health</i> , <b>2018</b> , 3, e000538	6.6	13
177	Geographic coverage of demographic surveillance systems for characterising the drivers of childhood mortality in sub-Saharan Africa. <i>BMJ Global Health</i> , <b>2018</b> , 3, e000611	6.6	4
176	Spatially disaggregated population estimates in the absence of national population and housing census data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 3529-3537	11.5	136
175	Census-independent population mapping in northern Nigeria. <i>Remote Sensing of Environment</i> , <b>2018</b> , 204, 786-798	13.2	47
174	Using Google Location History data to quantify fine-scale human mobility. <i>International Journal of Health Geographics</i> , <b>2018</b> , 17, 28	3.5	55
173	Population mobility reductions associated with travel restrictions during the Ebola epidemic in Sierra Leone: use of mobile phone data. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 1562-1570	7.8	73
172	Geospatial mapping of access to timely essential surgery in sub-Saharan Africa. <i>BMJ Global Health</i> , <b>2018</b> , 3, e000875	6.6	49
171	Measles outbreak risk in Pakistan: exploring the potential of combining vaccination coverage and incidence data with novel data-streams to strengthen control. <i>Epidemiology and Infection</i> , <b>2018</b> , 146, 1575-1583	4.3	14
170	Fluctuations in anthropogenic nighttime lights from satellite imagery for five cities in Niger and Nigeria. <i>Scientific Data</i> , <b>2018</b> , 5, 180256	8.2	7

169	Gridded Population Maps Informed by Different Built Settlement Products. <i>Data</i> , <b>2018</b> , 3, 33	2.3	30
168	National and sub-national variation in patterns of febrile case management in sub-Saharan Africa. <i>Nature Communications</i> , <b>2018</b> , 9, 4994	17.4	22
167	Seasonal and interannual risks of dengue introduction from South-East Asia into China, 2005-2015. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006743	4.8	22
166	Temporal trends in spatial inequalities of maternal and newborn health services among four east African countries, 1999-2015. <i>BMC Public Health</i> , <b>2018</b> , 18, 1339	4.1	15
165	Innovation to impact in spatial epidemiology. <i>BMC Medicine</i> , <b>2018</b> , 16, 209	11.4	6
164	Gridded birth and pregnancy datasets for Africa, Latin America and the Caribbean. <i>Scientific Data</i> , <b>2018</b> , 5, 180090	8.2	10
163	Demographics, epidemiology and the impact of vaccination campaigns in a measles-free world - Can elimination be maintained?. <i>Vaccine</i> , <b>2017</b> , 35, 1488-1493	4.1	12
162	Mapping poverty using mobile phone and satellite data. <i>Journal of the Royal Society Interface</i> , <b>2017</b> , 14,	4.1	120
161	Underestimate of annual malaria imports to Canada - Author reply. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 142-143	25.5	1
160	WorldPop, open data for spatial demography. <i>Scientific Data</i> , <b>2017</b> , 4, 170004	8.2	276
159	Virus genomes reveal factors that spread and sustained the Ebola epidemic. <i>Nature</i> , <b>2017</b> , 544, 309-315	50.4	238
158	Improving Large Area Population Mapping Using Geotweet Densities. <i>Transactions in GIS</i> , <b>2017</b> , 21, 317-331	33.1	71
157	Clinical News. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , <b>2017</b> , 78, 8-11	0.8	
156	High resolution global gridded data for use in population studies. <i>Scientific Data</i> , <b>2017</b> , 4, 170001	8.2	145
155	Spread of yellow fever virus outbreak in Angola and the Democratic Republic of the Congo 2015-16: a modelling study. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 330-338	25.5	140
154	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. <i>Lancet, The</i> , <b>2017</b> , 390, 2662-2672	40	51
153	Mosquitoes on a plane: Disinsection will not stop the spread of vector-borne pathogens, a simulation study. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005683	4.8	26
152	Travel patterns and demographic characteristics of malaria cases in Swaziland, 2010-2014. <i>Malaria Journal</i> , <b>2017</b> , 16, 359	3.6	24

151	Malaria prevalence metrics in low- and middle-income countries: an assessment of precision in nationally-representative surveys. <i>Malaria Journal</i> , <b>2017</b> , 16, 475	3.6	7
150	GridSample: an R package to generate household survey primary sampling units (PSUs) from gridded population data. <i>International Journal of Health Geographics</i> , <b>2017</b> , 16, 25	3.5	26
149	Identifying climate drivers of infectious disease dynamics: recent advances and challenges ahead. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	64
148	Exploring the high-resolution mapping of gender-disaggregated development indicators. <i>Journal of the Royal Society Interface</i> , <b>2017</b> , 14,	4.1	36
147	Sub-national mapping of population pyramids and dependency ratios in Africa and Asia. <i>Scientific Data</i> , <b>2017</b> , 4, 170089	8.2	27
146	Modelling changing population distributions: an example of the Kenyan Coast, 1979-2009. <i>International Journal of Digital Earth</i> , <b>2017</b> , 10, 1017-1029	3.9	16
145	The geography of measles vaccination in the African Great Lakes region. <i>Nature Communications</i> , <b>2017</b> , 8, 15585	17.4	43
144	Treatment-seeking behaviour in low- and middle-income countries estimated using a Bayesian model. <i>BMC Medical Research Methodology</i> , <b>2017</b> , 17, 67	4.7	10
143	Global funding trends for malaria research in sub-Saharan Africa: a systematic analysis. <i>The Lancet Global Health</i> , <b>2017</b> , 5, e772-e781	13.6	27
142	Seasonal Population Movements and the Surveillance and Control of Infectious Diseases. <i>Trends in Parasitology</i> , <b>2017</b> , 33, 10-20	6.4	16
141	Multinational patterns of seasonal asymmetry in human movement influence infectious disease dynamics. <i>Nature Communications</i> , <b>2017</b> , 8, 2069	17.4	53
140	Examining the correlates and drivers of human population distributions across low- and middle-income countries. <i>Journal of the Royal Society Interface</i> , <b>2017</b> , 14,	4.1	39
139	Changing Epidemiology of Human Brucellosis, China, 1955-2014. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 184-194	10.2	113
138	Housing Improvements and Malaria Risk in Sub-Saharan Africa: A Multi-Country Analysis of Survey Data. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002234	11.6	105
137	Malaria in China, 2011-2015: an observational study. <i>Bulletin of the World Health Organization</i> , <b>2017</b> , 95, 564-573	8.2	20
136	The geography of imported malaria to non-endemic countries: a meta-analysis of nationally reported statistics. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, 98-107	25.5	105
135	Model-based projections of Zika virus infections in childbearing women in the Americas. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16126	26.6	103
134	Spatiotemporal patterns of population in mainland China, 1990 to 2010. <i>Scientific Data</i> , <b>2016</b> , 3, 160005	8.2	75



133	Global threats from invasive alien species in the twenty-first century and national response capacities. <i>Nature Communications</i> , <b>2016</b> , 7, 12485	17.4	513
132	Mapping adolescent first births within three east African countries using data from Demographic and Health Surveys: exploring geospatial methods to inform policy. <i>Reproductive Health</i> , <b>2016</b> , 13, 98	3.5	16
131	Plasmodium falciparum malaria importation from Africa to China and its mortality: an analysis of driving factors. <i>Scientific Reports</i> , <b>2016</b> , 6, 39524	4.9	24
130	Dynamic denominators: the impact of seasonally varying population numbers on disease incidence estimates. <i>Population Health Metrics</i> , <b>2016</b> , 14, 35	3	25
129	Exploring the spatiotemporal drivers of malaria elimination in Europe. <i>Malaria Journal</i> , <b>2016</b> , 15, 122	3.6	18
128	Census-derived migration data as a tool for informing malaria elimination policy. <i>Malaria Journal</i> , <b>2016</b> , 15, 273	3.6	21
127	Development and Evaluation of an Attractive Self-Marking Ovitrap to Measure Dispersal and Determine Skip Oviposition in Aedes albopictus (Diptera: Culicidae) Field Populations. <i>Journal of Medical Entomology</i> , <b>2016</b> , 53, 31-8	2.2	12
126	Unveiling hidden migration and mobility patterns in climate stressed regions: A longitudinal study of six million anonymous mobile phone users in Bangladesh. <i>Global Environmental Change</i> , <b>2016</b> , 38, 1-7	10.1	93
125	Vectorial capacity and vector control: reconsidering sensitivity to parameters for malaria elimination. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2016</b> , 110, 107-17	2	96
124	Spatial distribution of emergency obstetric and newborn care services in Ghana: Using the evidence to plan interventions. <i>International Journal of Gynecology and Obstetrics</i> , <b>2016</b> , 132, 130-4	4	16
123	Rapid and Near Real-Time Assessments of Population Displacement Using Mobile Phone Data Following Disasters: The 2015 Nepal Earthquake. <i>PLOS Currents</i> , <b>2016</b> , 8,		69
122	Pokhron Go and Exposure to Mosquito-Borne Diseases: How Not to Catch Them All. <i>PLOS Currents</i> , <b>2016</b> , 8,		5
121	Identifying Malaria Transmission Foci for Elimination Using Human Mobility Data. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004846	5	86
120	Equality in Maternal and Newborn Health: Modelling Geographic Disparities in Utilisation of Care in Five East African Countries. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162006	3.7	35
119	Mapping global environmental suitability for Zika virus. <i>ELife</i> , <b>2016</b> , 5,	8.9	231
118	Introduction of rubella-containing-vaccine to Madagascar: implications for roll-out and local elimination. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	11
117	Measuring populations to improve vaccination coverage. <i>Scientific Reports</i> , <b>2016</b> , 5, 34541	4.9	22
116	Advances in mapping malaria for elimination: fine resolution modelling of Plasmodium falciparum incidence. <i>Scientific Reports</i> , <b>2016</b> , 6, 29628	4.9	27

115	Mapping internal connectivity through human migration in malaria endemic countries. <i>Scientific Data</i> , <b>2016</b> , 3, 160066	8.2	40
114	Spatio-temporal analysis of malaria vector density from baseline through intervention in a high transmission setting. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 637	4	14
113	Global epidemiology of avian influenza A H5N1 virus infection in humans, 1997-2015: a systematic review of individual case data. <i>Lancet Infectious Diseases, The</i> , <b>2016</b> , 16, e108-e118	25.5	152
112	Analysis of Seasonal Risk for Importation of the Mediterranean Fruit Fly, <i>Ceratitis capitata</i> (Diptera: Tephritidae), via Air Passenger Traffic Arriving in Florida and California. <i>Journal of Economic Entomology</i> , <b>2016</b> , 109, 2317-2328	2.2	11
111	Poverty, health and satellite-derived vegetation indices: their inter-spatial relationship in West Africa. <i>International Health</i> , <b>2015</b> , 7, 99-106	2.4	18
110	Reduced vaccination and the risk of measles and other childhood infections post-Ebola. <i>Science</i> , <b>2015</b> , 347, 1240-2	33.3	130
109	Remotely measuring populations during a crisis by overlaying two data sources. <i>International Health</i> , <b>2015</b> , 7, 90-8	2.4	26
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2	Effects of worldwide interventions and vaccination on COVID-19 between waves and countries		3
1	Domestic and international mobility trends in the United Kingdom during the COVID-19 pandemic: An analysis of Facebook data		1