

# Nick Ruktanonchai

## List of Publications by Citations

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

33  
papers

1,410  
citations

20  
h-index

37  
g-index

37  
ext. papers

1,983  
ext. citations

9.9  
avg, IF

4.97  
L-index

#	Paper	IF	Citations
33	Effect of non-pharmaceutical interventions to contain COVID-19 in China. <i>Nature</i> , <b>2020</b> , 585, 410-413	50.4	523
32	Assessing the impact of coordinated COVID-19 exit strategies across Europe. <i>Science</i> , <b>2020</b> , 369, 1465-1470	35.9	117
31	Identifying Malaria Transmission Foci for Elimination Using Human Mobility Data. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004846	5	86
30	Assessing spread risk of Wuhan novel coronavirus within and beyond China, January-April 2020: a travel network-based modelling study <b>2020</b> ,		77
29	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
28	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
27	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
26	Mapping internal connectivity through human migration in malaria endemic countries. <i>Scientific Data</i> , <b>2016</b> , 3, 160066	8.2	40
25	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
24	Untangling introductions and persistence in COVID-19 resurgence in Europe. <i>Nature</i> , <b>2021</b> , 595, 713-717	50.4	37
23	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
22	Changing epidemiology and challenges of malaria in China towards elimination. <i>Malaria Journal</i> , <b>2019</b> , 18, 107	3.6	34
21	Spatial heterogeneity, host movement and mosquito-borne disease transmission. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127552	3.7	33
20	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
19	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
18	Exploring the use of mobile phone data for national migration statistics. <i>Palgrave Communications</i> , <b>2019</b> , 5,	5.3	26
17	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

16	Parasite sources and sinks in a patched Ross-Macdonald malaria model with human and mosquito movement: Implications for control. <i>Mathematical Biosciences</i> , <b>2016</b> , 279, 90-101	3.9	21
15	Census-derived migration data as a tool for informing malaria elimination policy. <i>Malaria Journal</i> , <b>2016</b> , 15, 273	3.6	21
14	Optimal vaccination and bednet maintenance for the control of malaria in a region with naturally acquired immunity. <i>Journal of Theoretical Biology</i> , <b>2014</b> , 353, 142-56	2.3	21
13	Uncovering two phases of early intercontinental COVID-19 transmission dynamics. <i>Journal of Travel Medicine</i> , <b>2020</b> , 27,	12.9	14
12	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
11	Assessing the effect of global travel and contact reductions to mitigate the COVID-19 pandemic and resurgence		7
10	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
9	Experience- and age-mediated oviposition behaviour in the yellow fever mosquito <i>Stegomyia aegypti</i> (=Aedes aegypti). <i>Medical and Veterinary Entomology</i> , <b>2015</b> , 29, 255-62	2.4	5
8	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
7	Transmission risk of SARS-CoV-2 on airplanes and high-speed trains		5
6	Exploring fine-scale human and livestock movement in western Kenya. <i>One Health</i> , <b>2019</b> , 7, 100081	7.6	3
5	Global holiday datasets for understanding seasonal human mobility and population dynamics.. <i>Scientific Data</i> , <b>2022</b> , 9, 17	8.2	3
4	Effects of worldwide interventions and vaccination on COVID-19 between waves and countries		3
3	Risk of SARS-CoV-2 Transmission among Air Passengers in China. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	3
2	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
1	Practical geospatial and sociodemographic predictors of human mobility. <i>Scientific Reports</i> , <b>2021</b> , 11, 15389	4.9	1