David M Pigott

List of Publications by Year
in descending order

51 papers	12,327 citations	94433 37 h-index	182427 51 g-index
59 all docs	59 docs citations	59 times ranked	16485 citing authors

#	Article	IF	Citations
1	Estimating excess mortality due to the COVID-19 pandemic: a systematic analysis of COVID-19-related mortality, 2020â€“21. Lancet, The, 2022, 399, 1513-1536.	13.7	938
2	Quantifying the effects of the COVID-19 pandemic on gender equality on health, social, and economic indicators: a comprehensive review of data from March, 2020, to September, 2021. Lancet, The, 2022, 399, 2381-2397.	13.7	165
3	Estimating global, regional, and national daily and cumulative infections with SARS-CoV-2 through Nov 14, 2021: a statistical analysis. Lancet, The, 2022, 399, 2351-2380.	13.7	177
4	Predictive performance of international COVID-19 mortality forecasting models. Nature Communications, 2021, 12, 2609.	12.8	74
5	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. PLoS Neglected Tropical Diseases, 2021, 15, e0008824.	3.0	10
6	Data curation during a pandemic and lessons learned from COVID-19. Nature Computational Science, 2021, 1, 9-10.	8.0	28
7	Informing Rift Valley Fever preparedness by mapping seasonally varying environmental suitability. International Journal of Infectious Diseases, 2020, 99, 362-372.	3.3	9
8	Crowding and the shape of COVID-19 epidemics. Nature Medicine, 2020, 26, 1829-1834.	30.7	204
9	Epidemiological data from the COVID-19 outbreak, real-time case information. Scientific Data, 2020, 7, 106.	5.3	280
10	The effect of human mobility and control measures on the COVID-19 epidemic in China. Science, 2020, 368, 493-497.	12.6	2,168
11	Open access epidemiological data from the COVID-19 outbreak. Lancet Infectious Diseases, The, 2020, 20, 534.	9.1	205
12	Estimating the burden of dengue and the impact of release of wMel Wolbachia-infected mosquitoes in Indonesia: a modelling study. BMC Medicine, 2019, 17, 172.	5.5	38
13	The current and future global distribution and population at risk of dengue. Nature Microbiology, 2019, 4, 1508-1515.	13.3	645
14	Tracking spending on malaria by source in 106 countries, 2000â€“16: an economic modelling study. Lancet Infectious Diseases, The, 2019, 19, 703-716.	9.1	52
15	Past and future spread of the arbovirus vectors Aedes aegypti and Aedes albopictus. Nature Microbiology, 2019, 4, 854-863.	13.3	699
16	Policy and Science for Global Health Security: Shaping the Course of International Health. Tropical Medicine and Infectious Disease, 2019, 4, 60.	2.3	12
17	Mapping the global distribution of podoconiosis: Applying an evidence consensus approach. PLoS Neglected Tropical Diseases, 2019, 13, e0007925.	3.0	18
18	A database of geopositioned Middle East Respiratory Syndrome Coronavirus occurrences. Scientific Data, 2019, 6, 318.	5.3	22

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19	Existing and potential infection risk zones of yellow fever worldwide: a modelling analysis. The Lancet Global Health, 2018, 6, e270-e278.	6.3	104
20	Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000â€“2015. New England Journal of Medicine, 2018, 379, 1128-1138.	27.0	106
21	The contemporary distribution of Trypanosoma cruzi infection in humans, alternative hosts and vectors. Scientific Data, 2017, 4, 170050.	5.3	39
22	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. Lancet, The, 2017, 390, 2662-2672.	13.7	80
23	Mapping the spatial distribution of the Japanese encephalitis vector, Culex tritaeniorhynchus Giles, 1901 (Diptera: Culicidae) within areas of Japanese encephalitis risk. Parasites and Vectors, 2017, 10, 148.	2.5	45
24	How will climate change pathways and mitigation options alter incidence of vector-borne diseases? A framework for leishmaniasis in South and Meso-America. PLoS ONE, 2017, 12, e0183583.	2.5	37
25	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. Eurosurveillance, 2016, 21, .	7.0	141
26	Mapping global environmental suitability for Zika virus. ELife, 2016, 5, .	6.0	299
27	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
28	Predicted global distribution of Burkholderia pseudomallei and burden of melioidosis. Nature Microbiology, 2016, 1, .	13.3	704
29	Progress and Challenges in Infectious Disease Cartography. Trends in Parasitology, 2016, 32, 19-29.	3.3	85
30	Enhancement of Ebola Preparedness across Africa. Emerging Infectious Diseases, 2016, 22, .	4.3	1
31	Updates to the zoonotic niche map of Ebola virus disease in Africa. ELife, 2016, 5, .	6.0	61
32	A global compendium of human Crimean-Congo haemorrhagic fever virus occurrence. Scientific Data, 2015, 2, 150016.	5.3	36
33	Integrating vector control across diseases. BMC Medicine, 2015, 13, 249.	5.5	98
34	The global distribution of the arbovirus vectors Aedes aegypti and Ae. albopictus. ELife, 2015, 4, e08347.	6.0	1,428
35	Mapping the zoonotic niche of Marburg virus disease in Africa. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 366-378.	1.8	99
36	Mapping the zoonotic niche of Lassa fever in Africa. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 483-492.	1.8	111

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37	The many projected futures of dengue. Nature Reviews Microbiology, 2015, 13, 230-239.	28.6	145
38	The global distribution of Crimean-Congo hemorrhagic fever. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 503-513.	1.8	193
39	Prioritising Infectious Disease Mapping. PLoS Neglected Tropical Diseases, 2015, 9, e0003756.	3.0	30
40	Global distribution maps of the leishmaniases. ELife, 2014, 3, .	6.0	203
41	Mapping the zoonotic niche of Ebola virus disease in Africa. ELife, 2014, 3, e04395.	6.0	328
42	Recasting the theory of mosquito-borne pathogen transmission dynamics and control. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2014, 108, 185-197.	1.8	142
43	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
44	Global spread of dengue virus types: mapping the 70 year history. Trends in Microbiology, 2014, 22, 138-146.	7.7	494
45	A comprehensive database of the geographic spread of past human Ebola outbreaks. Scientific Data, 2014, 1, 140042.	5.3	39
46	Global database of leishmaniasis occurrence locations, 1960â€“2012. Scientific Data, 2014, 1, 140036.	5.3	43
47	A global compendium of human dengue virus occurrence. Scientific Data, 2014, 1, 140004.	5.3	100
48	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
49	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
50	Global mapping of infectious disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120250.	4.0	179
51	Funding for malaria control 2006â€“2010: A comprehensive global assessment. Malaria Journal, 2012, 11, 246.	2.3	61