Oliver J Brady

List of Publications by Year
in descending order

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Version: 2024-02-01

103 papers	49,150 citations	31976 53 h-index	29157 104 g-index
120 all docs	120 docs citations	120 times ranked	57461 citing authors

#	Article	IF	Citations
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	13.7	8,569
2	Global burden of 369 diseases and injuries in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1204-1222.	13.7	7,664
3	The global distribution and burden of dengue. Nature, 2013, 496, 504-507.	27.8	7,138
4	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	13.7	4,989
5	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	13.7	3,269
6	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	13.7	2,123
7	The global distribution of the arbovirus vectors Aedes aegypti and Ae. albopictus. ELife, 2015, 4, e08347.	6.0	1,428
8	Refining the Global Spatial Limits of Dengue Virus Transmission by Evidence-Based Consensus. PLoS Neglected Tropical Diseases, 2012, 6, e1760.	3.0	1,276
9	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950â€“2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1160-1203.	13.7	890
10	The global burden of dengue: an analysis from the Global Burden of Disease Study 2013. Lancet Infectious Diseases, The, 2016, 16, 712-723.	9.1	770
11	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1684-1735.	13.7	716
12	Past and future spread of the arbovirus vectors Aedes aegypti and Aedes albopictus. Nature Microbiology, 2019, 4, 854-863.	13.3	699
13	The current and future global distribution and population at risk of dengue. Nature Microbiology, 2019, 4, 1508-1515.	13.3	645
14	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
15	Global spread of dengue virus types: mapping the 70 year history. Trends in Microbiology, 2014, 22, 138-146.	7.7	494
16	Evolution and epidemic spread of SARS-CoV-2 in Brazil. Science, 2020, 369, 1255-1260.	12.6	454
17	Anticipating the international spread of Zika virus from Brazil. Lancet, The, 2016, 387, 335-336.	13.7	401
18	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

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19	Five insights from the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1135-1159.	13.7	335
20	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1250-1284.	13.7	330
21	Mapping the zoonotic niche of Ebola virus disease in Africa. ELife, 2014, 3, e04395.	6.0	328
22	Mapping global environmental suitability for Zika virus. ELife, 2016, 5, .	6.0	299
23	Population and fertility by age and sex for 195 countries and territories, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1995-2051.	13.7	294
24	Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. Nature Human Behaviour, 2020, 4, 856-865.	12.0	281
25	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
26	The global compendium of Aedes aegypti and Ae. albopictus occurrence. Scientific Data, 2015, 2, 150035.	5.3	271
27	Global distribution maps of the leishmaniases. ELife, 2014, 3, .	6.0	203
28	The Global Expansion of Dengue: How Aedes aegypti Mosquitoes Enabled the First Pandemic Arbovirus. Annual Review of Entomology, 2020, 65, 191-208.	11.8	203
29	High Zika Virus Seroprevalence in Salvador, Northeastern Brazil Limits the Potential for Further Outbreaks. MBio, 2017, 8, .	4.1	183
30	Potential for Zika virus introduction and transmission in resource-limited countries in Africa and the Asia-Pacific region: a modelling study. Lancet Infectious Diseases, The, 2016, 16, 1237-1245.	9.1	163
31	Vectorial capacity and vector control: reconsidering sensitivity to parameters for malaria elimination. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 107-117.	1.8	149
32	The many projected futures of dengue. Nature Reviews Microbiology, 2015, 13, 230-239.	28.6	145
33	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. Eurosurveillance, 2016, 21, .	7.0	141
34	Global yellow fever vaccination coverage from 1970 to 2016: an adjusted retrospective analysis. Lancet Infectious Diseases, The, 2017, 17, 1209-1217.	9.1	128
35	A global assembly of adult female mosquito mark-release-recapture data to inform the control of mosquito-borne pathogens. Parasites and Vectors, 2014, 7, 276.	2.5	116
36	Variation in Childhood Diarrheal Morbidity and Mortality in Africa, 2000â€“2015. New England Journal of Medicine, 2018, 379, 1128-1138.	27.0	106

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37	Existing and potential infection risk zones of yellow fever worldwide: a modelling analysis. The Lancet Global Health, 2018, 6, e270-e278.	6.3	104
38	Role of mass drug administration in elimination of Plasmodium falciparum malaria: a consensus modelling study. The Lancet Global Health, 2017, 5, e680-e687.	6.3	102
39	A global compendium of human dengue virus occurrence. Scientific Data, 2014, 1, 140004.	5.3	100
40	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
41	The association between Zika virus infection and microcephaly in Brazil 2015â€“2017: An observational analysis of over 4 million births. PLoS Medicine, 2019, 16, e1002755.	8.4	96
42	Assessing Seasonal Risks for the Introduction and Mosquito-borne Spread of Zika Virus in Europe. EBioMedicine, 2016, 9, 250-256.	6.1	91
43	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000â€“17. The Lancet Global Health, 2020, 8, e1162-e1185.	6.3	91
44	Evidence-based risk assessment and communication: a new global dengue-risk map for travellers and clinicians[#]. Journal of Travel Medicine, 2016, 23, taw062.	3.0	89
45	Utilizing general human movement models to predict the spread of emerging infectious diseases in resource poor settings. Scientific Reports, 2019, 9, 5151.	3.3	89
46	Local, national, and regional viral haemorrhagic fever pandemic potential in Africa: a multistage analysis. Lancet, The, 2017, 390, 2662-2672.	13.7	80
47	Risk of microcephaly after Zika virus infection in Brazil, 2015 to 2016. Bulletin of the World Health Organization, 2017, 95, 191-198.	3.3	79
48	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
49	Temperature modulates dengue virus epidemic growth rates through its effects on reproduction numbers and generation intervals. PLoS Neglected Tropical Diseases, 2017, 11, e0005797.	3.0	73
50	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000â€“17: analysis for the Global Burden of Disease Study 2017. Lancet, The, 2020, 395, 1779-1801.	13.7	72
51	Dengue Expansion in Africaâ€”Not Recognized or Not Happening?. Emerging Infectious Diseases, 2014, 20, .	4.3	72
52	Mapping routine measles vaccination in low- and middle-income countries. Nature, 2021, 589, 415-419.	27.8	71
53	Dengue disease outbreak definitions are implicitly variable. Epidemics, 2015, 11, 92-102.	3.0	68
54	Measuring the effects of COVID-19-related disruption on dengue transmission in southeast Asia and Latin America: a statistical modelling study. Lancet Infectious Diseases, The, 2022, 22, 657-667.	9.1	68

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55	Combined effects of hydrometeorological hazards and urbanisation on dengue risk in Brazil: a spatiotemporal modelling study. Lancet Planetary Health, The, 2021, 5, e209-e219.	11.4	67
56	Updates to the zoonotic niche map of Ebola virus disease in Africa. ELife, 2016, 5, .	6.0	61
57	Projecting the end of the Zika virus epidemic in Latin America: a modelling analysis. BMC Medicine, 2018, 16, 180.	5.5	53
58	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. Nature Medicine, 2020, 26, 750-759.	30.7	47
59	Factors Affecting Pre-Travel Health Seeking Behaviour and Adherence to Pre-Travel Health Advice: A Systematic Review. Journal of Travel Medicine, 2019, 26, .	3.0	46
60	The first local cases of Zika virus in Europe. Lancet, The, 2019, 394, 1991-1992.	13.7	43
61	Recommended reporting items for epidemic forecasting and prediction research: The EPIFORGE 2020 guidelines. PLoS Medicine, 2021, 18, e1003793.	8.4	42
62	A comprehensive database of the geographic spread of past human Ebola outbreaks. Scientific Data, 2014, 1, 140042.	5.3	39
63	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
64	International travel between global urban centres vulnerable to yellow fever transmission. Bulletin of the World Health Organization, 2018, 96, 343-354B.	3.3	37
65	Probabilistic seasonal dengue forecasting in Vietnam: A modelling study using superensembles. PLoS Medicine, 2021, 18, e1003542.	8.4	35
66	Adult vector control, mosquito ecology and malaria transmission. International Health, 2015, 7, 121-129.	2.0	34
67	What Is the Impact of Lockdowns on Dengue?. Current Infectious Disease Reports, 2021, 23, 2.	3.0	34
68	Subnational mapping of HIV incidence and mortality among individuals aged 15â€“49 years in sub-Saharan Africa, 2000â€“18: a modelling study. Lancet HIV,the, 2021, 8, e363-e375.	4.7	32
69	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
70	Aedes aegypti Control Through Modernized, Integrated Vector Management. PLOS Currents, 2017, 9, .	1.4	31
71	Elevation as a proxy for mosquito-borne Zika virus transmission in the Americas. PLoS ONE, 2017, 12, e0178211.	2.5	30
72	Dengue on islands: a Bayesian approach to understanding the global ecology of dengue viruses. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 303-312.	1.8	28

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73	malERA: An updated research agenda for combination interventions and modelling in malaria elimination and eradication. PLoS Medicine, 2017, 14, e1002453.	8.4	24
74	The cost-effectiveness of controlling dengue in Indonesia using wMel Wolbachia released at scale: a modelling study. BMC Medicine, 2020, 18, 186.	5.5	24
75	Too poor or too far? Partitioning the variability of hospital-based childbirth by poverty and travel time in Kenya, Malawi, Nigeria and Tanzania. International Journal for Equity in Health, 2020, 19, 15.	3.5	24
76	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000â€“2018. Nature Human Behaviour, 2021, 5, 1027-1045.	12.0	24
77	Zika virus transmission in Angola and the potential for further spread to other African settings. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2017, 111, 527-529.	1.8	23
78	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000â€“17. The Lancet Global Health, 2020, 8, e1038-e1060.	6.3	23
79	Using paired serology and surveillance data to quantify dengue transmission and control during a large outbreak in Fiji. ELife, 2018, 7, .	6.0	23
80	Football fever could be a dose of dengue. Nature, 2013, 503, 439-439.	27.8	21
81	Mapping environmental suitability of Haemagogus and Sabethes spp. mosquitoes to understand sylvatic transmission risk of yellow fever virus in Brazil. PLoS Neglected Tropical Diseases, 2022, 16, e0010019.	3.0	19
82	Mapping the global distribution of podoconiosis: Applying an evidence consensus approach. PLoS Neglected Tropical Diseases, 2019, 13, e0007925.	3.0	18
83	Potential Zika virus spread within and beyond India. Journal of Travel Medicine, 2019, 26, .	3.0	16
84	Dengue virus on the rise in Nepal. Lancet Infectious Diseases, The, 2020, 20, 889-890.	9.1	12
85	Real-time monitoring of COVID-19 dynamics using automated trend fitting and anomaly detection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200266.	4.0	12
86	Assessing the impact of COVID-19 border restrictions on dengue transmission in Yunnan Province, China: an observational epidemiological and phylogenetic analysis. The Lancet Regional Health - Western Pacific, 2021, 14, 100259.	2.9	11
87	Scale up the supply of experimental Ebola drugs. Nature, 2014, 512, 233-233.	27.8	10
88	Current realities versus theoretical optima: quantifying efficiency and sociospatial equity of travel time to hospitals in low-income and middle-income countries. BMJ Global Health, 2019, 4, e001552.	4.7	10
89	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. PLoS Neglected Tropical Diseases, 2021, 15, e0008824.	3.0	10
90	Why not? Understanding the spatial clustering of private facility-based delivery and financial reasons for homebirths in Nigeria. BMC Health Services Research, 2018, 18, 397.	2.2	9

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91	Mapping the emerging burden of dengue. ELife, 2019, 8, .	6.0	8
92	Cost of Dengue Illness in Indonesia across Hospital, Ambulatory, and not Medically Attended Settings. American Journal of Tropical Medicine and Hygiene, 2020, 103, 2029-2039.	1.4	8
93	Comparison of spatial interpolation methods to create high-resolution poverty maps for low- and middle-income countries. Journal of the Royal Society Interface, 2018, 15, 20180252.	3.4	7
94	A serological framework to investigate acute primary and post-primary dengue cases reporting across the Philippines. BMC Medicine, 2020, 18, 364.	5.5	7
95	Tracking the emergence of disparities in the subnational spread of COVID-19 in Brazil using an online application for real-time data visualisation: A longitudinal analysis. The Lancet Regional Health Americas, 2022, 5, 100119.	2.6	7
96	Estimating the annual dengue force of infection from the age of reporting primary infections across urban centres in endemic countries. BMC Medicine, 2021, 19, 217.	5.5	6
97	Geo-Spatial Characteristics of 567 Places of Tick-Borne Encephalitis Infection in Southern Germany, 2018â€“2020. Microorganisms, 2022, 10, 643.	3.6	6
98	Serological Evidence of Widespread Zika Transmission across the Philippines. Viruses, 2021, 13, 1441.	3.3	5
99	Combining rapid diagnostic tests to estimate primary and post-primary dengue immune status at the point of care. PLoS Neglected Tropical Diseases, 2022, 16, e0010365.	3.0	4
100	Case-area targeted interventions (CATI) for reactive dengue control: Modelling effectiveness of vector control and prophylactic drugs in Singapore. PLoS Neglected Tropical Diseases, 2021, 15, e0009562.	3.0	3
101	Model citizen â€“ Authors' reply. The Lancet Global Health, 2017, 5, e974.	6.3	1
102	The importance of saturating density dependence for population-level predictions of SARS-CoV-2 resurgence compared with density-independent or linearly density-dependent models, England, 23 March to 31 July 2020. Eurosurveillance, 2021, 26, .	7.0	1
103	Additional considerations for assessing COVID-19 impact on dengue transmission â€“ Authors' reply. Lancet Infectious Diseases, The, 2022, 22, 763.	9.1	0