Jamie M Caldwell

List of Publications by Year
in descending order

27	1,375	471509 17	552781 26
papers	citations	h-index	g-index

32	32	32	1798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal biology of mosquitoâ€borne disease. Ecology Letters, 2019, 22, 1690-1708.	6.4	349
2	Climate change could shift disease burden from malaria to arboviruses in Africa. Lancet Planetary Health, The, 2020, 4, e416-e423.	11.4	163
3	Disease epidemic and a marine heat wave are associated with the continental-scale collapse of a pivotal predator (Pycnopodia helianthoides). Science Advances, 2019, 5, eaau7042.	10.3	142
4	Seasonal temperature variation influences climate suitability for dengue, chikungunya, and Zika transmission. PLoS Neglected Tropical Diseases, 2018, 12, e0006451.	3.0	98
5	Suitable Days for Plant Growth Disappear under Projected Climate Change: Potential Human and Biotic Vulnerability. PLoS Biology, 2015, 13, e1002167.	5.6	73
6	Role of modelling in COVID-19 policy development. Paediatric Respiratory Reviews, 2020, 35, 57-60.	1.8	59
7	Climate predicts geographic and temporal variation in mosquito-borne disease dynamics on two continents. Nature Communications, 2021, 12, 1233.	12.8	49
8	How will mosquitoes adapt to climate warming?. ELife, 2021, 10, .	6.0	46
9	Modelling insights into the COVID-19 pandemic. Paediatric Respiratory Reviews, 2020, 35, 64-69.	1.8	35
10	Impact of recent climate extremes on mosquito-borne disease transmission in Kenya. PLoS Neglected Tropical Diseases, 2021, 15, e0009182.	3.0	34
11	Modes of coral disease transmission: how do diseases spread between individuals and among populations?. Marine Biology, 2019, 166, 1.	1.5	33
12	Host size and proximity to diseased neighbours drive the spread of a coral disease outbreak in Hawaiâ€ï. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172265.	2.6	30
13	Localized outbreaks of coral disease on Arabian reefs are linked to extreme temperatures and environmental stressors. Coral Reefs, 2020, 39, 829-846.	2.2	30
14	Malaria smear positivity among Kenyan children peaks at intermediate temperatures as predicted by ecological models. Parasites and Vectors, 2019, 12, 288.	2.5	28
15	The influence of vectorâ€borne disease on human history: socioâ€ecological mechanisms. Ecology Letters, 2021, 24, 829-846.	6.4	28
16	Understanding COVID-19 dynamics and the effects of interventions in the Philippines: A mathematical modelling study. The Lancet Regional Health - Western Pacific, 2021, 14, 100211.	2.9	25
17	Case-control design identifies ecological drivers of endemic coral diseases. Scientific Reports, 2020, 10, 2831.	3.3	22
18	Climate drives spatial variation in Zika epidemics in Latin America. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191578.	2.6	20

#	Article	IF	Citations
19	Satellite SST-Based Coral Disease Outbreak Predictions for the Hawaiian Archipelago. Remote Sensing, 2016, 8, 93.	4.0	18
20	Vaccines and variants: Modelling insights into emerging issues in COVID-19 epidemiology. Paediatric Respiratory Reviews, 2021, 39, 32-39.	1.8	18
21	Coral Disease Time Series Highlight Size-Dependent Risk and Other Drivers of White Syndrome in a Multi-Species Model. Frontiers in Marine Science, 2020, 7, .	2.5	15
22	Complementary sampling methods for coral histology, metabolomics and microbiome. Methods in Ecology and Evolution, 2020, 11, 1012-1020.	5.2	11
23	Environmental Drivers of Vector-Borne Diseases. , 2020, , 85-118.		10
24	HawaiÊ»i Coral Disease database (HICORDIS): species-specific coral health data from across the Hawaiian archipelago. Data in Brief, 2016, 8, 1054-1058.	1.0	9
25	Coral reef resilience differs among islands within the Gulf of Mannar, southeast India, following successive coral bleaching events. Coral Reefs, 2021, 40, 1029-1044.	2.2	9
26	Sustaining effective COVID-19 control in Malaysia through large-scale vaccination. Epidemics, 2021, 37, 100517.	3.0	8
27	Intra-colony disease progression induces fragmentation of coral fluorescent pigments. Scientific Reports, 2017, 7, 14596.	3.3	7