

Rachel E Baker

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.

27
papers

828
citations

11
h-index

28
g-index

30
ext. papers

1,427
ext. citations

18.2
avg, IF

5.12
L-index

#	Paper	IF	Citations
27	Susceptible supply limits the role of climate in the early SARS-CoV-2 pandemic. <i>Science</i> , 2020 , 369, 315-319	33.3	180
26	Immune life history, vaccination, and the dynamics of SARS-CoV-2 over the next 5 years. <i>Science</i> , 2020 , 370, 811-818	33.3	121
25	The impact of COVID-19 nonpharmaceutical interventions on the future dynamics of endemic infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 30547-30553	11.5	116
24	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes. <i>Science</i> , 2021 , 372, 363-370	33.3	90
23	Climate and Urbanization Drive Mosquito Preference for Humans. <i>Current Biology</i> , 2020 , 30, 3570-3579	66.3	61
22	Infectious disease in an era of global change. <i>Nature Reviews Microbiology</i> , 2021 ,	22.2	52
21	Variation in SARS-CoV-2 outbreaks across sub-Saharan Africa. <i>Nature Medicine</i> , 2021 , 27, 447-453	50.5	43
20	Epidemic dynamics of respiratory syncytial virus in current and future climates. <i>Nature Communications</i> , 2019 , 10, 5512	17.4	40
19	Assessing the influence of climate on wintertime SARS-CoV-2 outbreaks. <i>Nature Communications</i> , 2021 , 12, 846	17.4	19
18	Vaccine nationalism and the dynamics and control of SARS-CoV-2. <i>Science</i> , 2021 , 373, eabj7364	33.3	19
17	Dynamic response of airborne infections to climate change: predictions for varicella. <i>Climatic Change</i> , 2018 , 148, 547-560	4.5	14
16	Characterizing the contribution of high temperatures to child undernourishment in Sub-Saharan Africa. <i>Scientific Reports</i> , 2020 , 10, 18796	4.9	10
15	Climate change drives increase in modeled HIV prevalence. <i>Climatic Change</i> , 2020 , 163, 237-252	4.5	9
14	Susceptible supply limits the role of climate in the COVID-19 pandemic		9
13	The Impact of Climate Change on Vaccine-Preventable Diseases: Insights From Current Research and New Directions. <i>Current Environmental Health Reports</i> , 2020 , 7, 384-391	6.5	8
12	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes 2021 ,		8
11	Immuno-epidemiological life-history and the dynamics of SARS-CoV-2 over the next five years		4

10	Climatological, virological and sociological drivers of current and projected dengue fever outbreak dynamics in Sri Lanka. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200075	4.1	4
9	High variation expected in the pace and burden of SARS-CoV-2 outbreaks across sub-Saharan Africa 2020 ,		3
8	Vaccine nationalism and the dynamics and control of SARS-CoV-2		3
7	The limits of SARS-CoV-2 predictability. <i>Nature Ecology and Evolution</i> , 2021 , 5, 1052-1054	12.3	3
6	Challenges in evaluating risks and policy options around endemic establishment or elimination of novel pathogens. <i>Epidemics</i> , 2021 , 37, 100507	5.1	2
5	Climate and urbanization drive mosquito preference for humans		2
4	Cyclic epidemics and extreme outbreaks induced by hydro-climatic variability and memory. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200521	4.1	2
3	Partial immunity and SARS-CoV-2 mutations-Response. <i>Science</i> , 2021 , 372, 354-355	33.3	2
2	Assessing the influence of climate on future wintertime SARS-CoV-2 outbreaks		1
1	Implications of climatic and demographic change for seasonal influenza dynamics and evolution		1