

Rachel E Baker

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,102
citations

686830

13
h-index

752256

20
g-index

30
all docs

30
docs citations

30
times ranked

2819
citing authors

#	ARTICLE	IF	CITATIONS
1	Infectious disease in an era of global change. <i>Nature Reviews Microbiology</i> , 2022, 20, 193-205.	13.6	509
2	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.	3.3	325
3	Susceptible supply limits the role of climate in the early SARS-CoV-2 pandemic. <i>Science</i> , 2020, 369, 315-319.	6.0	253
4	Immune life history, vaccination, and the dynamics of SARS-CoV-2 over the next 5 years. <i>Science</i> , 2020, 370, 811-818.	6.0	210
5	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes. <i>Science</i> , 2021, 372, 363-370.	6.0	185
6	Climate and Urbanization Drive Mosquito Preference for Humans. <i>Current Biology</i> , 2020, 30, 3570-3579.e6.	1.8	153
7	Vaccine nationalism and the dynamics and control of SARS-CoV-2. <i>Science</i> , 2021, 373, eabj7364.	6.0	80
8	Epidemic dynamics of respiratory syncytial virus in current and future climates. <i>Nature Communications</i> , 2019, 10, 5512.	5.8	78
9	Variation in SARS-CoV-2 outbreaks across sub-Saharan Africa. <i>Nature Medicine</i> , 2021, 27, 447-453.	15.2	77
10	Preparing for uncertainty: endemic paediatric viral illnesses after COVID-19 pandemic disruption. <i>Lancet, The</i> , 2022, 400, 1663-1665.	6.3	43
11	Assessing the influence of climate on wintertime SARS-CoV-2 outbreaks. <i>Nature Communications</i> , 2021, 12, 846.	5.8	35
12	Characterizing the contribution of high temperatures to child undernourishment in Sub-Saharan Africa. <i>Scientific Reports</i> , 2020, 10, 18796.	1.6	25
13	Dynamic response of airborne infections to climate change: predictions for varicella. <i>Climatic Change</i> , 2018, 148, 547-560.	1.7	19
14	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.	3.2	19
15	Climate change drives increase in modeled HIV prevalence. <i>Climatic Change</i> , 2020, 163, 237-252.	1.7	14
16	The limits of SARS-CoV-2 predictability. <i>Nature Ecology and Evolution</i> , 2021, 5, 1052-1054.	3.4	11
17	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.	1.5	8
18	Challenges in evaluating risks and policy options around endemic establishment or elimination of novel pathogens. <i>Epidemics</i> , 2021, 37, 100507.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Cyclic epidemics and extreme outbreaks induced by hydro-climatic variability and memory. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200521.	1.5	3
20	Partial immunity and SARS-CoV-2 mutationsâ€™Response. <i>Science</i> , 2021, 372, 354-355.	6.0	2