Alexandra B Hogan

List of Publications by Year
in descending order

29 papers	2,088 citations	759233 12 h-index	642732 23 g-index
36 all docs	36 docs citations	36 times ranked	2008 citing authors

#	Article	IF	Citations
1	Developing a prediction model to estimate the true burden of respiratory syncytial virus (RSV) in hospitalised children in Western Australia. Scientific Reports, 2022, 12, 332.	3.3	212
2	Modelling the impact of vaccine hesitancy in prolonging the need for Non-Pharmaceutical Interventions to control the COVID-19 pandemic. Communications Medicine, 2022, 2, .	4.2	36
3	Optimizing social and economic activity while containing SARS-CoV-2 transmission using DAEDALUS. Nature Computational Science, 2022, 2, 223-233.	8.0	8
4	Global impact of the first year of COVID-19 vaccination: a mathematical modelling study. Lancet Infectious Diseases, The, 2022, 22, 1293-1302.	9.1	789
5	Within-country age-based prioritisation, global allocation, and public health impact of a vaccine against SARS-CoV-2: A mathematical modelling analysis. Vaccine, 2021, 39, 2995-3006.	3.8	71
6	A Systematic Review of the Costs Relating to Non-pharmaceutical Interventions Against Infectious Disease Outbreaks. Applied Health Economics and Health Policy, 2021, 19, 673-697.	2.1	5
7	Modelling the impact of respiratory syncytial virus (RSV) vaccine and immunoprophylaxis strategies in New Zealand. Vaccine, 2021, 39, 4383-4390.	3.8	3
8	Health inequities and clustering of fever, acute respiratory infection, diarrhoea and wasting in children under five in low- and middle-income countries: a Demographic and Health Surveys analysis. BMC Medicine, 2021, 19, 144.	5.5	9
9	Analysis of the potential for a malaria vaccine to reduce gaps in malaria intervention coverage. Malaria Journal, 2021, 20, 438.	2.3	9
10	Modelling the roles of antibody titre and avidity in protection from Plasmodium falciparum malaria infection following RTS,S/AS01 vaccination. Vaccine, 2020, 38, 7498-7507.	3.8	18
11	Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. The Lancet Global Health, 2020, 8, e1132-e1141.	6.3	573
12	Modelling the household-level impact of a maternal respiratory syncytial virus (RSV) vaccine in a high-income setting. BMC Medicine, 2020, 18, 319.	5.5	8
13	The potential public health consequences of COVID-19 on malaria in Africa. Nature Medicine, 2020, 26, 1411-1416.	30.7	128
14	Estimated impact of RTS,S/AS01 malaria vaccine allocation strategies in sub-Saharan Africa: A modelling study. PLoS Medicine, 2020, 17, e1003377.	8.4	24
15	Title is missing!. , 2020, 17, e1003377.		0
16	Title is missing!. , 2020, 17, e1003377.		0
17	Title is missing!. , 2020, 17, e1003377.		0
18	Title is missing!. , 2020, 17, e1003377.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 17, e1003377.		0
20	Modelling population-level impact to inform target product profiles for childhood malaria vaccines. BMC Medicine, 2018, 16, 109.	5.5	8
21	COMPLEX DEMODULATION: A NOVEL TIME SERIES METHOD FOR ANALYSING SEASONAL INFECTIOUSÂDISEASES. ANZIAM Journal, 2017, 59, 51-60.	0.2	1
22	A Model for the Spread of an Invasive Weed, Tradescantia fluminensis. Bulletin of Mathematical Biology, 2017, 79, 1201-1217.	1.9	4
23	Potential impact of a maternal vaccine for RSV: A mathematical modelling study. Vaccine, 2017, 35, 6172-6179.	3.8	32
24	Unexpected Infection Spikes in a Model of Respiratory Syncytial Virus Vaccination. Vaccines, 2017, 5, 12.	4.4	4
25	Time series analysis of RSV and bronchiolitis seasonality in temperate and tropical Western Australia. Epidemics, 2016, 16, 49-55.	3.0	33
26	Exploring the dynamics of respiratory syncytial virus (RSV) transmission in children. Theoretical Population Biology, 2016, 110, 78-85.	1.1	28
27	Modelling the Seasonal Epidemics of Respiratory Syncytial Virus in Young Children. PLoS ONE, 2014, 9, e100422.	2.5	40
28	Interpreting estimates of coronavirus disease 2019 (COVID-19) vaccine efficacy and effectiveness to inform simulation studies of vaccine impact: a systematic review. Wellcome Open Research, 0, 6, 185.	1.8	17
29	Complex demodulation: a novel time series method for analysing seasonal infectious diseases. ANZIAM Journal, 0, 59, 51.	0.0	0