

Edward M Hill

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,473
citations

686830

13
h-index

454577

30
g-index

62
all docs

62
docs citations

62
times ranked

2133
citing authors

#	ARTICLE	IF	CITATIONS
1	Cattle farmer psychosocial profiles and their association with control strategies for bovine viral diarrhoea. <i>Journal of Dairy Science</i> , 2022, 105, 3559-3573.	1.4	7
2	Fitting to the UK COVID-19 outbreak, short-term forecasts and estimating the reproductive number. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1716-1737.	0.7	22
3	Quantifying pupil-to-pupil SARS-CoV-2 transmission and the impact of lateral flow testing in English secondary schools. <i>Nature Communications</i> , 2022, 13, 1106.	5.8	24
4	Assessing the impact of lateral flow testing strategies on within-school SARS-CoV-2 transmission and absences: A modelling study. <i>PLoS Computational Biology</i> , 2022, 18, e1010158.	1.5	11
5	The effect of notification window length on the epidemiological impact of COVID-19 contact tracing mobile applications. <i>Communications Medicine</i> , 2022, 2, .	1.9	3
6	Modelling livestock infectious disease control policy under differing social perspectives on vaccination behaviour. <i>PLoS Computational Biology</i> , 2022, 18, e1010235.	1.5	9
7	Predictions of COVID-19 dynamics in the UK: Short-term forecasting and analysis of potential exit strategies. <i>PLoS Computational Biology</i> , 2021, 17, e1008619.	1.5	87
8	Developing a Framework for Public Involvement in Mathematical and Economic Modelling: Bringing New Dynamism to Vaccination Policy Recommendations. <i>Patient</i> , 2021, 14, 435-445.	1.1	24
9	Modelling optimal vaccination strategy for SARS-CoV-2 in the UK. <i>PLoS Computational Biology</i> , 2021, 17, e1008849.	1.5	142
10	The impact of school reopening on the spread of COVID-19 in England. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200261.	1.8	41
11	A network modelling approach to assess non-pharmaceutical disease controls in a worker population: An application to SARS-CoV-2. <i>PLoS Computational Biology</i> , 2021, 17, e1009058.	1.5	12
12	An analysis of school absences in England during the COVID-19 pandemic. <i>BMC Medicine</i> , 2021, 19, 137.	2.3	17
13	Vaccination and non-pharmaceutical interventions for COVID-19: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 793-802.	4.6	453
14	SARS-CoV-2 incidence and vaccine escape. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 913-914.	4.6	51
15	Vaccine escape in a heterogeneous population: insights for SARS-CoV-2 from a simple model. <i>Royal Society Open Science</i> , 2021, 8, 210530.	1.1	33
16	SARS-CoV-2 infection in UK university students: lessons from September–December 2020 and modelling insights for future student return. <i>Royal Society Open Science</i> , 2021, 8, 210310.	1.1	15
17	Modelling SARS-CoV-2 transmission in a UK university setting. <i>Epidemics</i> , 2021, 36, 100476.	1.5	17
18	Possible future waves of SARS-CoV-2 infection generated by variants of concern with a range of characteristics. <i>Nature Communications</i> , 2021, 12, 5730.	5.8	90

#	ARTICLE	IF	CITATIONS
19	Comparison between one and two dose SARS-CoV-2 vaccine prioritization for a fixed number of vaccine doses. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210214.	1.5	13
20	Precautionary breaks: Planned, limited duration circuit breaks to control the prevalence of SARS-CoV2 and the burden of COVID-19 disease. <i>Epidemics</i> , 2021, 37, 100526.	1.5	8
21	Optimising age coverage of seasonal influenza vaccination in England: A mathematical and health economic evaluation. <i>PLoS Computational Biology</i> , 2020, 16, e1008278.	1.5	7
22	Title is missing!. , 2020, 16, e1008278.		0
23	Title is missing!. , 2020, 16, e1008278.		0
24	Title is missing!. , 2020, 16, e1008278.		0
25	Title is missing!. , 2020, 16, e1008278.		0
26	Seasonal influenza: Modelling approaches to capture immunity propagation. <i>PLoS Computational Biology</i> , 2019, 15, e1007096.	1.5	35
27	Spatio-temporal modelling of <i>Leishmania infantum</i> infection among domestic dogs: a simulation study and sensitivity analysis applied to rural Brazil. <i>Parasites and Vectors</i> , 2019, 12, 215.	1.0	6
28	The impact of surveillance and control on highly pathogenic avian influenza outbreaks in poultry in Dhaka division, Bangladesh. <i>PLoS Computational Biology</i> , 2018, 14, e1006439.	1.5	17
29	Modelling H5N1 in Bangladesh across spatial scales: Model complexity and zoonotic transmission risk. <i>Epidemics</i> , 2017, 20, 37-55.	1.5	19
30	Evidence for history-dependence of influenza pandemic emergence. <i>Scientific Reports</i> , 2017, 7, 43623.	1.6	7
31	Spreading of components of mood in adolescent social networks. <i>Royal Society Open Science</i> , 2017, 4, 170336.	1.1	10
32	How predictable are flu pandemics?. <i>Significance</i> , 2017, 14, 28-33.	0.3	2
33	Spreading of healthy mood in adolescent social networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151180.	1.2	28