Christopher E Overton

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Approximating Quasi-Stationary Behaviour in Network-Based SIS Dynamics. Bulletin of Mathematical Biology, 2022, 84, 4.	1.9	4
2	Challenges for modelling interventions for future pandemics. Epidemics, 2022, 38, 100546.	3.0	30
3	Challenges in estimation, uncertainty quantification and elicitation for pandemic modelling. Epidemics, 2022, 38, 100547.	3.0	20
4	Effectiveness of the BNT162b2 (Pfizer-BioNTech) and the ChAdOx1 nCoV-19 (Oxford-AstraZeneca) vaccines for reducing susceptibility to infection with the Delta variant (B.1.617.2) of SARS-CoV-2. BMC Infectious Diseases, 2022, 22, 270.	2.9	8
5	The rapid replacement of the SARS-CoV-2 Delta variant by Omicron (B.1.1.529) in England. Science Translational Medicine, 2022, 14, eabo5395.	12.4	40
6	Adjusting for time of infection or positive test when estimating the risk of a post-infection outcome in an epidemic. Statistical Methods in Medical Research, 2022, 31, 1942-1958.	1.5	9
7	Evolutionary bet-hedging in structured populations. Journal of Mathematical Biology, 2021, 82, 43.	1.9	0
8	Using a household-structured branching process to analyse contact tracing in the SARS-CoV-2 pandemic. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200267.	4.0	27
9	Challenges in control of COVID-19: short doubling time and long delay to effect of interventions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200264.	4.0	93
10	Evolutionary graph theory derived from eco-evolutionary dynamics. Journal of Theoretical Biology, 2021, 519, 110648.	1.7	3
11	Hospital length of stay for COVID-19 patients: Data-driven methods for forward planning. BMC Infectious Diseases, 2021, 21, 700.	2.9	99
12	Using statistics and mathematical modelling to understand infectious disease outbreaks: COVID-19 as an example. Infectious Disease Modelling, 2020, 5, 409-441.	1.9	61
13	Methods for approximating stochastic evolutionary dynamics on graphs. Journal of Theoretical Biology, 2019, 468, 45-59.	1.7	7