

# Christopher E Overton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6430992/publications.pdf>

Version: 2024-02-01

13  
papers

509  
citations

1305906

8  
h-index

1336881

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

758  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Approximating Quasi-Stationary Behaviour in Network-Based SIS Dynamics. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 4.   | 0.9 | 4         |
| 2  | Challenges for modelling interventions for future pandemics. <i>Epidemics</i> , 2022, 38, 100546.  | 1.5 | 30        |
| 3  | Challenges in estimation, uncertainty quantification and elicitation for pandemic modelling. <i>Epidemics</i> , 2022, 38, 100547.  | 1.5 | 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. <i>BMC Infectious Diseases</i> , 2022, 22, 270. | 1.3 | 8         |
| 5  | The rapid replacement of the SARS-CoV-2 Delta variant by Omicron (B.1.1.529) in England. <i>Science Translational Medicine</i> , 2022, 14, eabo5395.   | 5.8 | 40        |
| 6  | Adjusting for time of infection or positive test when estimating the risk of a post-infection outcome in an epidemic. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1942-1958.  | 0.7 | 9         |
| 7  | Evolutionary bet-hedging in structured populations. <i>Journal of Mathematical Biology</i> , 2021, 82, 43.   | 0.8 | 0         |
| 8  | Using a household-structured branching process to analyse contact tracing in the SARS-CoV-2 pandemic. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200267.                                       | 1.8 | 27        |
| 9  | Challenges in control of COVID-19: short doubling time and long delay to effect of interventions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200264.   | 1.8 | 93        |
| 10 | Evolutionary graph theory derived from eco-evolutionary dynamics. <i>Journal of Theoretical Biology</i> , 2021, 519, 110648.   | 0.8 | 3         |
| 11 | Hospital length of stay for COVID-19 patients: Data-driven methods for forward planning. <i>BMC Infectious Diseases</i> , 2021, 21, 700.   | 1.3 | 99        |
| 12 | Using statistics and mathematical modelling to understand infectious disease outbreaks: COVID-19 as an example. <i>Infectious Disease Modelling</i> , 2020, 5, 409-441.  | 1.2 | 61        |
| 13 | Methods for approximating stochastic evolutionary dynamics on graphs. <i>Journal of Theoretical Biology</i> , 2019, 468, 45-59.  | 0.8 | 7         |