

Oliver John Watson

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

7,871
citations

236925

25
h-index

189892

50
g-index

82
all docs

82
docs citations

82
times ranked

11926
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Malaria Transmission Dynamics in a High-Transmission Setting of Western Kenya and the Inadequate Treatment Response to Artemether-Lumefantrine in an Asymptomatic Population. <i>Clinical Infectious Diseases</i> , 2023, 76, 704-712. | 5.8 | 5 |
| 2 | Understanding the Potential Impact of Different Drug Properties on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Transmission and Disease Burden: A Modelling Analysis. <i>Clinical Infectious Diseases</i> , 2022, 75, e224-e233. | 5.8 | 10 |
| 3 | Country differences in transmissibility, age distribution and case-fatality of SARS-CoV-2: a global ecological analysis. <i>International Journal of Infectious Diseases</i> , 2022, 114, 210-218. | 3.3 | 11 |
| 4 | Modelling the impact of vaccine hesitancy in prolonging the need for Non-Pharmaceutical Interventions to control the COVID-19 pandemic. <i>Communications Medicine</i> , 2022, 2, . | 4.2 | 36 |
| 5 | Reassessing Reported Deaths and Estimated Infection Attack Rate during the First 6 Months of the COVID-19 Epidemic, Delhi, India. <i>Emerging Infectious Diseases</i> , 2022, 28, 759-766. | 4.3 | 3 |
| 6 | A framework for reconstructing SARS-CoV-2 transmission dynamics using excess mortality data. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 10 |
| 7 | Estimating the COVID-19 infection fatality ratio accounting for seroreversion using statistical modelling. <i>Communications Medicine</i> , 2022, 2, . | 4.2 | 28 |
| 8 | Global impact of the first year of COVID-19 vaccination: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 1293-1302. | 9.1 | 789 |
| 9 | Describing the current status of <i>Plasmodium falciparum</i> population structure and drug resistance within mainland Tanzania using molecular inversion probes. <i>Molecular Ecology</i> , 2021, 30, 100-113. | 3.9 | 29 |
| 10 | Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. <i>International Journal of Infectious Diseases</i> , 2021, 102, 463-471. | 3.3 | 12 |
| 11 | Evaluating the Performance of Malaria Genetics for Inferring Changes in Transmission Intensity Using Transmission Modeling. <i>Molecular Biology and Evolution</i> , 2021, 38, 274-289. | 8.9 | 17 |
| 12 | Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021, 12, 1090. | 12.8 | 394 |
| 13 | Leveraging community mortality indicators to infer COVID-19 mortality and transmission dynamics in Damascus, Syria. <i>Nature Communications</i> , 2021, 12, 2394. | 12.8 | 35 |
| 14 | Modelling intensive care unit capacity under different epidemiological scenarios of the COVID-19 pandemic in three Western European countries. <i>International Journal of Epidemiology</i> , 2021, 50, 753-767. | 1.9 | 24 |
| 15 | Genetic evidence for the association between COVID-19 epidemic severity and timing of non-pharmaceutical interventions. <i>Nature Communications</i> , 2021, 12, 2188. | 12.8 | 23 |
| 16 | <i>Plasmodium</i> interspecies interactions during a period of increasing prevalence of <i>Plasmodium ovale</i> in symptomatic individuals seeking treatment: an observational study. <i>Lancet Microbe</i> , The, 2021, 2, e141-e150. | 7.3 | 32 |
| 17 | Within-country age-based prioritisation, global allocation, and public health impact of a vaccine against SARS-CoV-2: A mathematical modelling analysis. <i>Vaccine</i> , 2021, 39, 2995-3006. | 3.8 | 71 |
| 18 | Temperature and population density influence SARS-CoV-2 transmission in the absence of nonpharmaceutical interventions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 95 |

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|----|---|------|-----------|
| 19 | Using syndromic measures of mortality to capture the dynamics of COVID-19 in Java, Indonesia, in the context of vaccination rollout. <i>BMC Medicine</i> , 2021, 19, 146. | 5.5 | 7 |
| 20 | Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. <i>Science Translational Medicine</i> , 2021, 13, . | 12.4 | 89 |
| 21 | The epidemiology of <i>Plasmodium vivax</i> among adults in the Democratic Republic of the Congo. <i>Nature Communications</i> , 2021, 12, 4169. | 12.8 | 18 |
| 22 | Potential impact of intervention strategies on COVID-19 transmission in Malawi: a mathematical modelling study. <i>BMJ Open</i> , 2021, 11, e045196. | 1.9 | 8 |
| 23 | The benefits and costs of social distancing in high- and low-income countries. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2021, 115, 807-819. | 1.8 | 64 |
| 24 | Under-reporting of deaths limits our understanding of true burden of covid-19. <i>BMJ</i> , The, 2021, 375, n2239. | 6.0 | 75 |
| 25 | Communicating uncertainty in epidemic models. <i>Epidemics</i> , 2021, 37, 100520. | 3.0 | 9 |
| 26 | Social contact patterns and implications for infectious disease transmission – a systematic review and meta-analysis of contact surveys. <i>ELife</i> , 2021, 10, . | 6.0 | 36 |
| 27 | Ivermectin as a novel complementary malaria control tool to reduce incidence and prevalence: a modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 498-508. | 9.1 | 53 |
| 28 | Epidemiology and genotypes of group A rotaviruses in cattle and goats of Bangladesh, 2009-2010. <i>Infection, Genetics and Evolution</i> , 2020, 79, 104170. | 2.3 | 12 |
| 29 | Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. <i>The Lancet Global Health</i> , 2020, 8, e1132-e1141. | 6.3 | 573 |
| 30 | State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , 2020, 11, 6189. | 12.8 | 104 |
| 31 | The potential public health consequences of COVID-19 on malaria in Africa. <i>Nature Medicine</i> , 2020, 26, 1411-1416. | 30.7 | 128 |
| 32 | Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo – . <i>Nature</i> , 2020, 584, 425-429. | 27.8 | 872 |
| 33 | Response to COVID-19 in South Korea and implications for lifting stringent interventions. <i>BMC Medicine</i> , 2020, 18, 321. | 5.5 | 137 |
| 34 | SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. <i>Journal of Travel Medicine</i> , 2020, 27, . | 3.0 | 5 |
| 35 | Projected health-care resource needs for an effective response to COVID-19 in 73 low-income and middle-income countries: a modelling study. <i>The Lancet Global Health</i> , 2020, 8, e1372-e1379. | 6.3 | 51 |
| 36 | Host or pathogen-related factors in COVID-19 severity? – Authors' reply. <i>Lancet</i> , The, 2020, 396, 1397. | 13.7 | 3 |

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|----|---|------|-----------|
| 37 | Transmission of Artemisinin-Resistant Malaria Parasites to Mosquitoes under Antimalarial Drug Pressure. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, . | 3.2 | 29 |
| 38 | The impact of antimalarial resistance on the genetic structure of <i>Plasmodium falciparum</i> in the DRC. <i>Nature Communications</i> , 2020, 11, 2107. | 12.8 | 57 |
| 39 | The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. <i>Science</i> , 2020, 369, 413-422. | 12.6 | 718 |
| 40 | Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet, The</i> , 2020, 395, e110-e111. | 13.7 | 70 |
| 41 | Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , 2020, 584, 257-261. | 27.8 | 2,558 |
| 42 | Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020, 5, 81. | 1.8 | 62 |
| 43 | Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020, 5, 81. | 1.8 | 81 |
| 44 | Reproducible parallel inference and simulation of stochastic state space models using odin, dust, and mcstate. <i>Wellcome Open Research</i> , 2020, 5, 288. | 1.8 | 4 |
| 45 | False-negative malaria rapid diagnostic test results and their impact on community-based malaria surveys in sub-Saharan Africa. <i>BMJ Global Health</i> , 2019, 4, e001582. | 4.7 | 44 |
| 46 | Impact of seasonal variations in <i>Plasmodium falciparum</i> malaria transmission on the surveillance of pfrp2 gene deletions. <i>ELife</i> , 2019, 8, . | 6.0 | 28 |
| 47 | An infectious way to teach students about outbreaks. <i>Epidemics</i> , 2018, 23, 42-48. | 3.0 | 12 |
| 48 | Emerging implications of policies on malaria treatment: genetic changes in the <i>Pfmdr-1</i> gene affecting susceptibility to artemetherâ€“lumefantrine and artesunateâ€“amodiaquine in Africa. <i>BMJ Global Health</i> , 2018, 3, e000999. | 4.7 | 58 |
| 49 | <i>Plasmodium falciparum</i> genetic variation of var2csa in the Democratic Republic of the Congo. <i>Malaria Journal</i> , 2018, 17, 46. | 2.3 | 13 |
| 50 | Predictive Malaria Epidemiology, Models of Malaria Control Interventions and Elimination. , 2018, , 1-7. | | 0 |
| 51 | Predictive Malaria Epidemiology, Models of Malaria Transmission and Elimination. , 2018, , 1-7. | | 0 |
| 52 | Modelling the drivers of the spread of <i>Plasmodium falciparum</i> hrp2 gene deletions in sub-Saharan Africa. <i>ELife</i> , 2017, 6, . | 6.0 | 79 |
| 53 | Reproducible parallel inference and simulation of stochastic state space models using odin, dust, and mcstate. <i>Wellcome Open Research</i> , 0, 5, 288. | 1.8 | 5 |
| 54 | Interpreting estimates of coronavirus disease 2019 (COVID-19) vaccine efficacy and effectiveness to inform simulation studies of vaccine impact: a systematic review. <i>Wellcome Open Research</i> , 0, 6, 185. | 1.8 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | rdhs: an R package to interact with The Demographic and Health Surveys (DHS) Program datasets. Wellcome Open Research, 0, 4, 103. | 1.8 | 24 |