

Josefa Carrion-Navarro

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

7,380
citations

331670

21
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

15950
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Estimates of the severity of coronavirus disease 2019: a model-based analysis. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 669-677. | 9.1 | 3,036 |
| 2 | Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , 2021, 372, 815-821. | 12.6 | 1,125 |
| 3 | 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 |
| 4 | 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 |
| 5 | Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021, 12, 1090. | 12.8 | 394 |
| 6 | Comparison of diagnostics for the detection of asymptomatic <i>Plasmodium falciparum</i> infections to inform control and elimination strategies. <i>Nature</i> , 2015, 528, S86-S93. | 27.8 | 176 |
| 7 | Malaria morbidity and mortality in Ebola-affected countries caused by decreased health-care capacity, and the potential effect of mitigation strategies: a modelling analysis. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 825-832. | 9.1 | 141 |
| 8 | The potential public health consequences of COVID-19 on malaria in Africa. <i>Nature Medicine</i> , 2020, 26, 1411-1416. | 30.7 | 128 |
| 9 | Assessing the impact of next-generation rapid diagnostic tests on <i>Plasmodium falciparum</i> malaria elimination strategies. <i>Nature</i> , 2015, 528, S94-S101. | 27.8 | 115 |
| 10 | Estimating the most efficient allocation of interventions to achieve reductions in <i>Plasmodium falciparum</i> malaria burden and transmission in Africa: a modelling study. <i>The Lancet Global Health</i> , 2016, 4, e474-e484. | 6.3 | 107 |
| 11 | Estimated risk of placental infection and low birthweight attributable to <i>Plasmodium falciparum</i> malaria in Africa in 2010: a modelling study. <i>The Lancet Global Health</i> , 2014, 2, e460-e467. | 6.3 | 101 |
| 12 | The Potential Impact of Adding Ivermectin to a Mass Treatment Intervention to Reduce Malaria Transmission: A Modelling Study. <i>Journal of Infectious Diseases</i> , 2014, 210, 1972-1980. | 4.0 | 83 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Estimated impact on birth weight of scaling up intermittent preventive treatment of malaria in pregnancy given sulphadoxine-pyrimethamine resistance in Africa: A mathematical model. <i>PLoS Medicine</i> , 2017, 14, e1002243. | 8.4 | 50 |
| 17 | A model of parity-dependent immunity to placental malaria. <i>Nature Communications</i> , 2013, 4, 1609. | 12.8 | 46 |
| 18 | Seasonality in malaria transmission: implications for case-management with long-acting artemisinin combination therapy in sub-Saharan Africa. <i>Malaria Journal</i> , 2015, 14, 321. | 2.3 | 34 |

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|----|---|------|-----------|
| 19 | Clinical Utility of Liquid Biopsy-Based Actionable Mutations Detected via ddPCR. <i>Biomedicines</i> , 2021, 9, 906. | 3.2 | 30 |
| 20 | Estimating spatiotemporally varying malaria reproduction numbers in a near elimination setting. <i>Nature Communications</i> , 2018, 9, 2476. | 12.8 | 28 |
| 21 | Estimating the COVID-19 infection fatality ratio accounting for seroreversion using statistical modelling. <i>Communications Medicine</i> , 2022, 2, . | 4.2 | 28 |
| 22 | A Bayesian Approach to Quantifying the Effects of Mass Poultry Vaccination upon the Spatial and Temporal Dynamics of H5N1 in Northern Vietnam. <i>PLoS Computational Biology</i> , 2010, 6, e1000683. | 3.2 | 27 |
| 23 | The US President's Malaria Initiative, <i>Plasmodium falciparum</i> transmission and mortality: A modelling study. <i>PLoS Medicine</i> , 2017, 14, e1002448. | 8.4 | 23 |
| 24 | Targeting Pregnant Women for Malaria Surveillance. <i>Trends in Parasitology</i> , 2019, 35, 677-686. | 3.3 | 20 |
| 25 | Modelling the incremental benefit of introducing malaria screening strategies to antenatal care in Africa. <i>Nature Communications</i> , 2020, 11, 3799. | 12.8 | 20 |
| 26 | Modelling the roles of antibody titre and avidity in protection from <i>Plasmodium falciparum</i> malaria infection following RTS,S/AS01 vaccination. <i>Vaccine</i> , 2020, 38, 7498-7507. | 3.8 | 18 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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. <i>BMC Medicine</i> , 2021, 19, 144. | 5.5 | 9 |
| 30 | Communicating uncertainty in epidemic models. <i>Epidemics</i> , 2021, 37, 100520. | 3.0 | 9 |
| 31 | 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 |
| 32 | SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. <i>Journal of Travel Medicine</i> , 2020, 27, . | 3.0 | 5 |
| 33 | Value of additional chemotherapy for malaria in pregnancy. <i>The Lancet Global Health</i> , 2015, 3, e116-e117. | 6.3 | 4 |
| 34 | Tracking malaria transmission at the antenatal clinic. <i>The Lancet Global Health</i> , 2015, 3, e581-e582. | 6.3 | 1 |
| 35 | Monthly malaria chemoprevention shows potential in an area of very high, perennial malaria transmission. <i>Evidence-Based Medicine</i> , 2015, 20, 110-110. | 0.6 | 0 |