

# Colin J Worby

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6765748/publications.pdf>

Version: 2024-02-01

28  
papers

1,297  
citations

586496

16  
h-index

591227

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2348  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Establishing the role of the gut microbiota in susceptibility to recurrent urinary tract infections. <i>Journal of Clinical Investigation</i> , 2022, 132, .                                   | 3.9  | 17        |
| 2  | StrainGE: a toolkit to track and characterize low-abundance strains in complex microbial communities. <i>Genome Biology</i> , 2022, 23, 74.  | 3.8  | 35        |
| 3  | Inter-species geographic signatures for tracing horizontal gene transfer and long-term persistence of carbapenem resistance. <i>Genome Medicine</i> , 2022, 14, 37.                            | 3.6  | 15        |
| 4  | Drinking water chlorination has minor effects on the intestinal flora and resistomes of Bangladeshi children. <i>Nature Microbiology</i> , 2022, 7, 620-629.                                   | 5.9  | 9         |
| 5  | Longitudinal multi-omics analyses link gut microbiome dysbiosis with recurrent urinary tract infections in women. <i>Nature Microbiology</i> , 2022, 7, 630-639.                               | 5.9  | 54        |
| 6  | Face mask use in the general population and optimal resource allocation during the COVID-19 pandemic. <i>Nature Communications</i> , 2020, 11, 4049.   | 5.8  | 250       |
| 7  | Acquisition of Antibiotic-Resistant Bacteria by U.S. International Travelers. <i>New England Journal of Medicine</i> , 2020, 382, 1372-1374.   | 13.9 | 20        |
| 8  | Acquisition and Long-term Carriage of Multidrug-Resistant Organisms in US International Travelers. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa543.                                   | 0.4  | 21        |
| 9  | Phylogeography of rubella virus in Asia: Vaccination and demography shape synchronous outbreaks. <i>Epidemics</i> , 2019, 28, 100346.  | 1.5  | 7         |
| 10 | Model diagnostics and refinement for phylodynamic models. <i>PLoS Computational Biology</i> , 2019, 15, e1006955.  | 1.5  | 3         |
| 11 | On the Relative Role of Different Age Groups During Epidemics Associated With Respiratory Syncytial Virus. <i>Journal of Infectious Diseases</i> , 2018, 217, 238-244.                         | 1.9  | 34        |
| 12 | On the Role of Different Age Groups and Pertussis Vaccines During the 2012 Outbreak in Wisconsin. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy082.                                     | 0.4  | 6         |
| 13 | Bayesian reconstruction of transmission within outbreaks using genomic variants. <i>PLoS Computational Biology</i> , 2018, 14, e1006117.   | 1.5  | 69        |
| 14 | Population effect of influenza vaccination under co-circulation of non-vaccine variants and the case for a bivalent A/H3N2 vaccine component. <i>Epidemics</i> , 2017, 19, 74-82.              | 1.5  | 4         |
| 15 | Shared Genomic Variants: Identification of Transmission Routes Using Pathogen Deep-Sequence Data. <i>American Journal of Epidemiology</i> , 2017, 186, 1209-1216.                              | 1.6  | 84        |
| 16 | THE REAL McCOIL: A method for the concurrent estimation of the complexity of infection and SNP allele frequency for malaria parasites. <i>PLoS Computational Biology</i> , 2017, 13, e1005348. | 1.5  | 93        |
| 17 | Penicillin Resistance of Nonvaccine Type <i>Pneumococcus</i> before and after PCV13 Introduction, United States. <i>Emerging Infectious Diseases</i> , 2017, 23, 1012-1015.                    | 2.0  | 13        |
| 18 | Reconstructing transmission trees for communicable diseases using densely sampled genetic data. <i>Annals of Applied Statistics</i> , 2016, 10, 395-417.                                       | 0.5  | 52        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Microbial Genomics of Ancient Plagues and Outbreaks. <i>Trends in Microbiology</i> , 2016, 24, 978-990.   | 3.5 | 50        |
| 20 | Identifying the effect of patient sharing on between-hospital genetic differentiation of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Genome Medicine</i> , 2016, 8, 18.   | 3.6 | 20        |
| 21 | More Research Is Needed to Quantify Risks, Benefits, and Cost-Effectiveness of Universal Mupirocin Usage. <i>Clinical Infectious Diseases</i> , 2016, 62, 1193.2-1194.  | 2.9 | 0         |
| 22 | Examining the role of different age groups and of vaccination during the 2012 Minnesota pertussis outbreak. <i>Scientific Reports</i> , 2015, 5, 13182.   | 1.6 | 20        |
| 23 | 'SEEDY' (Simulation of Evolutionary and Epidemiological Dynamics): An R Package to Follow Accumulation of Within-Host Mutation in Pathogens. <i>PLoS ONE</i> , 2015, 10, e0129745.  | 1.1 | 24        |
| 24 | Impact of mupirocin resistance on the transmission and control of healthcare-associated MRSA. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, dkv249.  | 1.3 | 21        |
| 25 | On the relative role of different age groups in influenza epidemics. <i>Epidemics</i> , 2015, 13, 10-16.  | 1.5 | 128       |
| 26 | Within-Host Bacterial Diversity Hinders Accurate Reconstruction of Transmission Networks from Genomic Distance Data. <i>PLoS Computational Biology</i> , 2014, 10, e1003549.  | 1.5 | 148       |
| 27 | The Distribution of Pairwise Genetic Distances: A Tool for Investigating Disease Transmission. <i>Genetics</i> , 2014, 198, 1395-1404.  | 1.2 | 43        |
| 28 | Estimating the Effectiveness of Isolation and Decolonization Measures in Reducing Transmission of Methicillin-resistant <i>Staphylococcus aureus</i> in Hospital General Wards. <i>American Journal of Epidemiology</i> , 2013, 177, 1306-1313. | 1.6 | 43        |