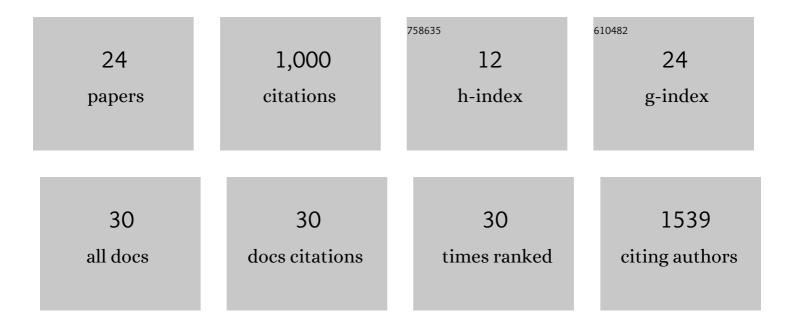
## Rachel J Sippy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8912599/publications.pdf Version: 2024-02-01



| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Thermal biology of mosquitoâ€borne disease. Ecology Letters, 2019, 22, 1690-1708.   | 3.0 | 349       |
| 2  | Time to reality check the promises of machine learning-powered precision medicine. The Lancet Digital Health, 2020, 2, e677-e680.   | 5.9 | 126       |
| 3  | Molecular Evidence for Zoonotic Transmission of an Emergent, Highly Pathogenic Campylobacter<br>jejuni Clone in the United States. Journal of Clinical Microbiology, 2012, 50, 680-687.                                 | 1.8 | 98        |
| 4  | Climate predicts geographic and temporal variation in mosquito-borne disease dynamics on two continents. Nature Communications, 2021, 12, 1233.   | 5.8 | 49        |
| 5  | Effects of Political Instability in Venezuela on Malaria Resurgence at Ecuador–Peru Border, 2018.<br>Emerging Infectious Diseases, 2019, 25, 834-836.   | 2.0 | 47        |
| 6  | Occurrence and molecular analysis of Campylobacter in wildlife on livestock farms. Veterinary<br>Microbiology, 2012, 157, 369-375.  | 0.8 | 45        |
| 7  | Recommended reporting items for epidemic forecasting and prediction research: The EPIFORGE 2020 guidelines. PLoS Medicine, 2021, 18, e1003793.  | 3.9 | 42        |
| 8  | Genetic Diversity and Antimicrobial Susceptibility of Campylobacter jejuni Isolates Associated with<br>Sheep Abortion in the United States and Great Britain. Journal of Clinical Microbiology, 2014, 52,<br>1853-1861. | 1.8 | 41        |
| 9  | Critical Role of LuxS in the Virulence of Campylobacter jejuni in a Guinea Pig Model of Abortion.<br>Infection and Immunity, 2012, 80, 585-593.   | 1.0 | 38        |
| 10 | Assessing critical gaps in COVID-19 testing capacity: the case of delayed results in Ecuador. BMC Public Health, 2021, 21, 637.   | 1.2 | 32        |
| 11 | Seasonal and geographic variation in insecticide resistance in Aedes aegypti in southern Ecuador. PLoS<br>Neglected Tropical Diseases, 2019, 13, e0007448.  | 1.3 | 21        |
| 12 | Severity Index for Suspected Arbovirus (SISA): Machine learning for accurate prediction of<br>hospitalization in subjects suspected of arboviral infection. PLoS Neglected Tropical Diseases, 2020,<br>14, e0007969.    | 1.3 | 16        |
| 13 | The origins of dengue and chikungunya viruses in Ecuador following increased migration from<br>Venezuela and Colombia. BMC Evolutionary Biology, 2020, 20, 31.  | 3.2 | 15        |
| 14 | Development of a Loop-Mediated Isothermal Amplification Assay for Rapid, Sensitive and Specific<br>Detection of a <i>Campylobacter jejuni</i> Clone. Journal of Veterinary Medical Science,<br>2012, 74, 591-596.       | 0.3 | 13        |
| 15 | Seasonal patterns of dengue fever in rural Ecuador: 2009-2016. PLoS Neglected Tropical Diseases, 2019, 13, e0007360.  | 1.3 | 12        |
| 16 | Identification and evaluation of epidemic prediction and forecasting reporting guidelines: A systematic review and a call for action. Epidemics, 2020, 33, 100400.  | 1.5 | 10        |
| 17 | The 2018–2019 weak El Niño: Predicting the risk of a dengue outbreak in Machala, Ecuador.<br>International Journal of Climatology, 2021, 41, 3813-3823.   | 1.5 | 9         |
| 18 | Genetics of critical contacts and clashes in the DNA packaging specificities of bacteriophages λ and 21.<br>Virology, 2015, 476, 115-123.   | 1.1 | 8         |

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A decade of arbovirus emergence in the temperate southern cone of South America: dengue, Aedes<br>aegypti and climate dynamics in Córdoba, Argentina. Heliyon, 2020, 6, e04858.                     | 1.4 | 8         |
| 20 | Household and climate factors influence Aedes aegypti presence in the arid city of Huaquillas,<br>Ecuador. PLoS Neglected Tropical Diseases, 2021, 15, e0009931.                                    | 1.3 | 7         |
| 21 | Chronic kidney disease in Ecuador: An epidemiological and health system analysis of an emerging public health crisis. PLoS ONE, 2022, 17, e0265395.   | 1.1 | 3         |
| 22 | Key Findings and Comparisons From Analogous Case-Cluster Studies for Dengue Virus Infection<br>Conducted in Machala, Ecuador, and Kamphaeng Phet, Thailand. Frontiers in Public Health, 2020, 8, 2. | 1.3 | 2         |
| 23 | Prioritization of family member sequencing for the detection of rare variants. BMC Proceedings, 2016, 10, 227-231.  | 1.8 | 1         |
| 24 | DNA Topology and the Initiation of Virus DNA Packaging. PLoS ONE, 2016, 11, e0154785.   | 1.1 | 1         |