# Rachel J Sippy

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 24 papers | 1,000 citations | 758635 12 h-index | 610482 24 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 1539 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | The 2018â€“2019 weak El NiÃ±o: Predicting the risk of a dengue outbreak in Machala, Ecuador. International Journal of Climatology, 2021, 41, 3813-3823. | 1.5 | 9 |
| 3 | Climate predicts geographic and temporal variation in mosquito-borne disease dynamics on two continents. Nature Communications, 2021, 12, 1233. | 5.8 | 49 |
| 4 | Assessing critical gaps in COVID-19 testing capacity: the case of delayed results in Ecuador. BMC Public Health, 2021, 21, 637. | 1.2 | 32 |
| 5 | Recommended reporting items for epidemic forecasting and prediction research: The EPIFORGE 2020 guidelines. PLoS Medicine, 2021, 18, e1003793. | 3.9 | 42 |
| 6 | Household and climate factors influence Aedes aegypti presence in the arid city of Huaquillas, Ecuador. PLoS Neglected Tropical Diseases, 2021, 15, e0009931. | 1.3 | 7 |
| 7 | A decade of arbovirus emergence in the temperate southern cone of South America: dengue, Aedes aegypti and climate dynamics in CÃ³rdoba, Argentina. Heliyon, 2020, 6, e04858. | 1.4 | 8 |
| 8 | 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 |
| 9 | Time to reality check the promises of machine learning-powered precision medicine. The Lancet Digital Health, 2020, 2, e677-e680. | 5.9 | 126 |
| 10 | Key Findings and Comparisons From Analogous Case-Cluster Studies for Dengue Virus Infection Conducted in Machala, Ecuador, and Kamphaeng Phet, Thailand. Frontiers in Public Health, 2020, 8, 2. | 1.3 | 2 |
| 11 | Severity Index for Suspected Arbovirus (SISA): Machine learning for accurate prediction of hospitalization in subjects suspected of arboviral infection. PLoS Neglected Tropical Diseases, 2020, 14, e0007969. | 1.3 | 16 |
| 12 | The origins of dengue and chikungunya viruses in Ecuador following increased migration from Venezuela and Colombia. BMC Evolutionary Biology, 2020, 20, 31. | 3.2 | 15 |
| 13 | Thermal biology of mosquitoâ€borne disease. Ecology Letters, 2019, 22, 1690-1708. | 3.0 | 349 |
| 14 | Seasonal and geographic variation in insecticide resistance in Aedes aegypti in southern Ecuador. PLoS Neglected Tropical Diseases, 2019, 13, e0007448. | 1.3 | 21 |
| 15 | Seasonal patterns of dengue fever in rural Ecuador: 2009-2016. PLoS Neglected Tropical Diseases, 2019, 13, e0007360. | 1.3 | 12 |
| 16 | Effects of Political Instability in Venezuela on Malaria Resurgence at Ecuadorâ€“Peru Border, 2018. Emerging Infectious Diseases, 2019, 25, 834-836. | 2.0 | 47 |
| 17 | Prioritization of family member sequencing for the detection of rare variants. BMC Proceedings, 2016, 10, 227-231. | 1.8 | 1 |
| 18 | DNA Topology and the Initiation of Virus DNA Packaging. PLoS ONE, 2016, 11, e0154785. | 1.1 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genetics of critical contacts and clashes in the DNA packaging specificities of bacteriophages Î» and 21. Virology, 2015, 476, 115-123. | 1.1 | 8 |
| 20 | Genetic Diversity and Antimicrobial Susceptibility of Campylobacter jejuni Isolates Associated with Sheep Abortion in the United States and Great Britain. Journal of Clinical Microbiology, 2014, 52, 1853-1861. | 1.8 | 41 |
| 21 | Molecular Evidence for Zoonotic Transmission of an Emergent, Highly Pathogenic Campylobacter jejuni Clone in the United States. Journal of Clinical Microbiology, 2012, 50, 680-687. | 1.8 | 98 |
| 22 | Critical Role of LuxS in the Virulence of Campylobacter jejuni in a Guinea Pig Model of Abortion. Infection and Immunity, 2012, 80, 585-593. | 1.0 | 38 |
| 23 | Development of a Loop-Mediated Isothermal Amplification Assay for Rapid, Sensitive and Specific Detection of a <i>Campylobacter jejuni</i> Clone. Journal of Veterinary Medical Science, 2012, 74, 591-596. | 0.3 | 13 |
| 24 | Occurrence and molecular analysis of Campylobacter in wildlife on livestock farms. Veterinary Microbiology, 2012, 157, 369-375. | 0.8 | 45 |