

# Claudia P Herrera

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,221  
citations

394421

19  
h-index

414414

32  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1023  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | The Case for the Development of a Chagas Disease Vaccine: Why? How? When?. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 16.                                                                                                         | 2.3 | 17        |
| 2  | Assessing <i>Trypanosoma cruzi</i> Parasite Diversity through Comparative Genomics: Implications for Disease Epidemiology and Diagnostics. <i>Pathogens</i> , 2021, 10, 212.                                                                      | 2.8 | 24        |
| 3  | Genomic Signatures of SARS-CoV-2 Associated with Patient Mortality. <i>Viruses</i> , 2021, 13, 227.                                                                                                                                               | 3.3 | 7         |
| 4  | Active Transmission of <i>Trypanosoma cruzi</i> in Schoolchildren from the Amazon Region in Napo Province, Ecuador. <i>Acta Parasitologica</i> , 2021, 66, 1059-1062.                                                                             | 1.1 | 0         |
| 5  | Shelter cats host infections with multiple <i>Trypanosoma cruzi</i> discrete typing units in southern Louisiana. <i>Veterinary Research</i> , 2021, 52, 53.                                                                                       | 3.0 | 10        |
| 6  | Diversity and interactions among triatomine bugs, their blood feeding sources, gut microbiota and <i>Trypanosoma cruzi</i> in the Sierra Nevada de Santa Marta in Colombia. <i>Scientific Reports</i> , 2021, 11, 12306.                          | 3.3 | 13        |
| 7  | Molecular ecology of <i>Triatoma dimidiata</i> in southern Belize reveals risk for human infection and the local differentiation of <i>Trypanosoma cruzi</i> parasites. <i>International Journal of Infectious Diseases</i> , 2021, 108, 320-329. | 3.3 | 9         |
| 8  | Locally Transmitted <i>Trypanosoma cruzi</i> in a Domestic Llama ( <i>Lama glama</i> ) in a Rural Area of Greater New Orleans, Louisiana, USA. <i>Vector-Borne and Zoonotic Diseases</i> , 2021, 21, 762-768.                                     | 1.5 | 4         |
| 9  | Geographic Variations in Test Reactivity for the Serological Diagnosis of <i>Trypanosoma cruzi</i> Infection. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0106221.                                                                       | 3.9 | 24        |
| 10 | Diversity of <i>Trypanosoma cruzi</i> parasites infecting <i>Triatoma dimidiata</i> in Central Veracruz, Mexico, and their One Health ecological interactions. <i>Infection, Genetics and Evolution</i> , 2021, 95, 105050.                       | 2.3 | 10        |
| 11 | Sequence of <i>Trypanosoma cruzi</i> reference strain SC43 nuclear genome and kinetoplast maxicircle confirms a strong genetic structure among closely related parasite discrete typing units. <i>Genome</i> , 2021, 64, 1-7.                     | 2.0 | 6         |
| 12 | Deep sequencing reveals multiclonality and new discrete typing units of <i>Trypanosoma cruzi</i> in rodents from the southern United States. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 622-633.                        | 3.1 | 31        |
| 13 | In the heart of the city: <i>Trypanosoma cruzi</i> infection prevalence in rodents across New Orleans. <i>Parasites and Vectors</i> , 2020, 13, 577.                                                                                              | 2.5 | 10        |
| 14 | Polymorphism and Selection Pressure of SARS-CoV-2 Vaccine and Diagnostic Antigens: Implications for Immune Evasion and Serologic Diagnostic Performance. <i>Pathogens</i> , 2020, 9, 584.                                                         | 2.8 | 16        |
| 15 | Interactions among <i>Triatoma sanguisuga</i> blood feeding sources, gut microbiota and <i>Trypanosoma cruzi</i> diversity in southern Louisiana. <i>Molecular Ecology</i> , 2020, 29, 3747-3761.                                                 | 3.9 | 29        |
| 16 | Short-course Benznidazole treatment to reduce <i>Trypanosoma cruzi</i> parasitic load in women of reproductive age (BETTY): a non-inferiority randomized controlled trial study protocol. <i>Reproductive Health</i> , 2020, 17, 128.             | 3.1 | 16        |
| 17 | Extent of polymorphism and selection pressure on the <i>Trypanosoma cruzi</i> vaccine candidate antigen Tc24. <i>Evolutionary Applications</i> , 2020, 13, 2663-2672.                                                                             | 3.1 | 11        |
| 18 | Safety and immunogenicity of a recombinant vaccine against <i>Trypanosoma cruzi</i> in Rhesus macaques. <i>Vaccine</i> , 2020, 38, 4584-4591.                                                                                                     | 3.8 | 16        |

| #  | ARTICLE                                                                                                                                                                                                                                                                             | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Raccoons As an Important Reservoir for <i>Trypanosoma cruzi</i> : A Prevalence Study from Two Metropolitan Areas in Louisiana. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 535-540.                                                                                       | 1.5 | 10        |
| 20 | Genetic diversity of <i>Trypanosoma cruzi</i> parasites infecting dogs in southern Louisiana sheds light on parasite transmission cycles and serological diagnostic performance. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008932.                                      | 3.0 | 14        |
| 21 | Title is missing!. , 2020, 14, e0008932.                                                                                                                                                                                                                                            |     | 0         |
| 22 | Title is missing!. , 2020, 14, e0008932.                                                                                                                                                                                                                                            |     | 0         |
| 23 | Title is missing!. , 2020, 14, e0008932.                                                                                                                                                                                                                                            |     | 0         |
| 24 | Title is missing!. , 2020, 14, e0008932.                                                                                                                                                                                                                                            |     | 0         |
| 25 | Title is missing!. , 2020, 14, e0008932.                                                                                                                                                                                                                                            |     | 0         |
| 26 | Title is missing!. , 2020, 14, e0008932.                                                                                                                                                                                                                                            |     | 0         |
| 27 | High prevalence of <i>Trypanosoma cruzi</i> infection in shelter dogs from southern Louisiana, USA. <i>Parasites and Vectors</i> , 2019, 12, 322.                                                                                                                                   | 2.5 | 36        |
| 28 | Phylogenetic Analysis of <i>Trypanosoma cruzi</i> from Pregnant Women and Newborns from Argentina, Honduras, and Mexico Suggests an Association of Parasite Haplotypes with Congenital Transmission of the Parasite. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 1095-1105. | 2.8 | 21        |
| 29 | A therapeutic preconceptional vaccine against Chagas disease: A novel indication that could reduce congenital transmission and accelerate vaccine development. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006985.                                                        | 3.0 | 26        |
| 30 | An Improved Approach to <i>Trypanosoma cruzi</i> Molecular Genotyping by Next-Generation Sequencing of the Mini-exon Gene. <i>Methods in Molecular Biology</i> , 2019, 1955, 47-60.                                                                                                 | 0.9 | 18        |
| 31 | Estimating the current burden of Chagas disease in Mexico: A systematic review and meta-analysis of epidemiological surveys from 2006 to 2017. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006859.                                                                        | 3.0 | 46        |
| 32 | Molecular Genotyping of <i>Trypanosoma cruzi</i> by Next-Generation Sequencing of the Mini-Exon Gene Reveals Infections With Multiple Parasite Discrete Typing Units in Chagasic Patients From Yucatan, Mexico. <i>Journal of Infectious Diseases</i> , 2019, 219, 1980-1988.       | 4.0 | 31        |
| 33 | <i>Trypanosoma cruzi</i> diversity in naturally infected nonhuman primates in Louisiana assessed by deep sequencing of the mini-exon gene. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 281-286.                                          | 1.8 | 21        |
| 34 | Detailed ecological associations of triatomines revealed by metabarcoding and next-generation sequencing: implications for triatomine behavior and <i>Trypanosoma cruzi</i> transmission cycles. <i>Scientific Reports</i> , 2018, 8, 4140.                                         | 3.3 | 106       |
| 35 | Congenital Transmission of <i>Trypanosoma cruzi</i> in Argentina, Honduras, and Mexico: An Observational Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 478-485.                                                                           | 1.4 | 48        |
| 36 | Molecular identification and genotyping of <i>Trypanosoma cruzi</i> DNA in autochthonous Chagas disease patients from Texas, USA. <i>Infection, Genetics and Evolution</i> , 2017, 49, 151-156.                                                                                     | 2.3 | 52        |

| #  | ARTICLE                                                                                                                                                                                                                                          | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Ten years of Chagas disease research: Looking back to achievements, looking ahead to challenges. PLoS Neglected Tropical Diseases, 2017, 11, e0005422.                                                                                           | 3.0 | 24        |
| 38 | Chagas Disease Has Not Been Controlled in Ecuador. PLoS ONE, 2016, 11, e0158145.                                                                                                                                                                 | 2.5 | 27        |
| 39 | Molecular epidemiology of Trypanosoma cruzi and Triatoma dimidiata in coastal Ecuador. Infection, Genetics and Evolution, 2016, 41, 207-212.                                                                                                     | 2.3 | 13        |
| 40 | Genotype diversity of Trypanosoma cruzi in small rodents and Triatoma sanguisuga from a rural area in New Orleans, Louisiana. Parasites and Vectors, 2015, 8, 123.                                                                               | 2.5 | 58        |
| 41 | Seroprevalence of Trypanosoma cruzi Infection in Schoolchildren and in Pregnant Women from an Amazonian Region in Orellana Province, Ecuador. American Journal of Tropical Medicine and Hygiene, 2015, 93, 774-778.                              | 1.4 | 12        |
| 42 | Striking Divergence in <i>Toxoplasma</i> ROP16 Nucleotide Sequences From Human and Meat Samples. Journal of Infectious Diseases, 2015, 211, 2006-2013.                                                                                           | 4.0 | 26        |
| 43 | Validation of a Poisson-distributed limiting dilution assay (LDA) for a rapid and accurate resolution of multiclonal infections in natural Trypanosoma cruzi populations. Journal of Microbiological Methods, 2013, 92, 220-225.                 | 1.6 | 8         |
| 44 | Complex evolutionary pathways of the intergenic region of the mini-exon gene in Trypanosoma cruzi TcI: A possible ancient origin in the Gran Chaco and lack of strict genetic structuration. Infection, Genetics and Evolution, 2013, 16, 27-37. | 2.3 | 19        |
| 45 | Toxoplasmosis in military personnel involved in jungle operations. Acta Tropica, 2012, 122, 46-51.                                                                                                                                               | 2.0 | 23        |
| 46 | Interest and limitations of Spliced Leader Intergenic Region sequences for analyzing Trypanosoma cruzi I phylogenetic diversity in the Argentinean Chaco. Infection, Genetics and Evolution, 2011, 11, 300-307.                                  | 2.3 | 38        |
| 47 | Genetic Variability and Phylogenetic Relationships within <i>Trypanosoma cruzi</i> I Isolated in Colombia Based on Miniexon Gene Sequences. Journal of Parasitology Research, 2009, 2009, 1-9.                                                   | 1.2 | 48        |
| 48 | Haplotype identification within Trypanosoma cruzi I in Colombian isolates from several reservoirs, vectors and humans. Acta Tropica, 2009, 110, 15-21.                                                                                           | 2.0 | 108       |
| 49 | Identifying four Trypanosoma cruzi I isolate haplotypes from different geographic regions in Colombia. Infection, Genetics and Evolution, 2007, 7, 535-539.                                                                                      | 2.3 | 127       |
| 50 | Metabarcoding: A Powerful Yet Still Underestimated Approach for the Comprehensive Study of Vector-Borne Pathogen Transmission Cycles and Their Dynamics. , 0, , .                                                                                |     | 7         |