Claudia P Herrera

List of Publications by Year
in descending order

50	1,221	394421	414414
papers	citations	19 h-index	32 g-index

51	51	51	1023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identifying four Trypanosoma cruzi I isolate haplotypes from different geographic regions in Colombia. Infection, Genetics and Evolution, 2007, 7, 535-539.	2.3	127
2	Haplotype identification within Trypanosoma cruzi I in Colombian isolates from several reservoirs, vectors and humans. Acta Tropica, 2009, 110, 15-21.	2.0	108
3	Detailed ecological associations of triatomines revealed by metabarcoding and next-generation sequencing: implications for triatomine behavior and Trypanosoma cruzi transmission cycles. Scientific Reports, 2018, 8, 4140.	3.3	106
4	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
5	Molecular identification and genotyping of Trypanosoma cruzi DNA in autochthonous Chagas disease patients from Texas, USA. Infection, Genetics and Evolution, 2017, 49, 151-156.	2.3	52
6	Genetic Variability and Phylogenetic Relationships withinTrypanosoma cruziI Isolated in Colombia Based on Miniexon Gene Sequences. Journal of Parasitology Research, 2009, 2009, 1-9.	1.2	48
7	Congenital Transmission of Trypanosoma cruzi in Argentina, Honduras, and Mexico: An Observational Prospective Study. American Journal of Tropical Medicine and Hygiene, 2018, 98, 478-485.	1.4	48
8	Estimating the current burden of Chagas disease in Mexico: A systematic review and meta-analysis of epidemiological surveys from 2006 to 2017. PLoS Neglected Tropical Diseases, 2019, 13, e0006859.	3.0	46
9	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
10	High prevalence of Trypanosoma cruzi infection in shelter dogs from southern Louisiana, USA. Parasites and Vectors, 2019, 12, 322.	2.5	36
11	Molecular Genotyping of Trypanosoma cruzi by Next-Generation Sequencing of the Mini-Exon Gene Reveals Infections With Multiple Parasite Discrete Typing Units in Chagasic Patients From Yucatan, Mexico. Journal of Infectious Diseases, 2019, 219, 1980-1988.	4.0	31
12	Deep sequencing reveals multiclonality and new discrete typing units of Trypanosoma cruzi in rodents from the southern United States. Journal of Microbiology, Immunology and Infection, 2020, 53, 622-633.	3.1	31
13	Interactions among Triatoma sanguisuga blood feeding sources, gut microbiota and Trypanosoma cruzi diversity in southern Louisiana. Molecular Ecology, 2020, 29, 3747-3761.	3.9	29
14	Chagas Disease Has Not Been Controlled in Ecuador. PLoS ONE, 2016, 11, e0158145.	2.5	27
15	Striking Divergence inToxoplasma ROP16Nucleotide Sequences From Human and Meat Samples. Journal of Infectious Diseases, 2015, 211, 2006-2013.	4.0	26
16	A therapeutic preconceptional vaccine against Chagas disease: A novel indication that could reduce congenital transmission and accelerate vaccine development. PLoS Neglected Tropical Diseases, 2019, 13, e0006985.	3.0	26
17	Ten years of Chagas disease research: Looking back to achievements, looking ahead to challenges. PLoS Neglected Tropical Diseases, 2017, 11, e0005422.	3.0	24
18	Assessing Trypanosoma cruzi Parasite Diversity through Comparative Genomics: Implications for Disease Epidemiology and Diagnostics. Pathogens, 2021, 10, 212.	2.8	24

#	Article	IF	Citations
19	Geographic Variations in Test Reactivity for the Serological Diagnosis of Trypanosoma cruzi Infection. Journal of Clinical Microbiology, 2021, 59, e0106221.	3.9	24
20	Toxoplasmosis in military personnel involved in jungle operations. Acta Tropica, 2012, 122, 46-51.	2.0	23
21	Phylogenetic Analysis of Trypanosoma cruzi from Pregnant Women and Newborns from Argentina, Honduras, and Mexico Suggests an AssociationÂofÂParasite Haplotypes with Congenital Transmission of the Parasite. Journal of Molecular Diagnostics, 2019, 21, 1095-1105.	2.8	21
22	Trypanosoma cruzi diversity in naturally infected nonhuman primates in Louisiana assessed by deep sequencing of the mini-exon gene. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2019, 113, 281-286.	1.8	21
23	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
24	An Improved Approach to Trypanosoma cruzi Molecular Genotyping by Next-Generation Sequencing of the Mini-exon Gene. Methods in Molecular Biology, 2019, 1955, 47-60.	0.9	18
25	The Case for the Development of a Chagas Disease Vaccine: Why? How? When?. Tropical Medicine and Infectious Disease, 2021, 6, 16.	2.3	17
26	Polymorphism and Selection Pressure of SARS-CoV-2 Vaccine and Diagnostic Antigens: Implications for Immune Evasion and Serologic Diagnostic Performance. Pathogens, 2020, 9, 584.	2.8	16
27	Short-course Benznidazole treatment to reduce Trypanosoma cruzi parasitic load in women of reproductive age (BETTY): a non-inferiority randomized controlled trial study protocol. Reproductive Health, 2020, 17, 128.	3.1	16
28	Safety and immunogenicity of a recombinant vaccine against Trypanosoma cruzi in Rhesus macaques. Vaccine, 2020, 38, 4584-4591.	3.8	16
29	Genetic diversity of Trypanosoma cruzi parasites infecting dogs in southern Louisiana sheds light on parasite transmission cycles and serological diagnostic performance. PLoS Neglected Tropical Diseases, 2020, 14, e0008932.	3.0	14
30	Molecular epidemiology of Trypanosoma cruzi and Triatoma dimidiata in costal Ecuador. Infection, Genetics and Evolution, 2016, 41, 207-212.	2.3	13
31	Diversity and interactions among triatomine bugs, their blood feeding sources, gut microbiota and Trypanosoma cruzi in the Sierra Nevada de Santa Marta in Colombia. Scientific Reports, 2021, 11, 12306.	3.3	13
32	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
33	Extent of polymorphism and selection pressure on the Trypanosoma cruzi vaccine candidate antigen Tc24. Evolutionary Applications, 2020, 13, 2663-2672.	3.1	11
34	In the heart of the city: Trypanosoma cruzi infection prevalence in rodents across New Orleans. Parasites and Vectors, 2020, 13, 577.	2.5	10
35	Raccoons As an Important Reservoir for Trypanosoma cruzi: A Prevalence Study from Two Metropolitan Areas in Louisiana. Vector-Borne and Zoonotic Diseases, 2020, 20, 535-540.	1.5	10
36	Shelter cats host infections with multiple Trypanosoma cruzi discrete typing units in southern Louisiana. Veterinary Research, 2021, 52, 53.	3.0	10

#	Article	IF	Citations
37	Diversity of Trypanosoma cruzi parasites infecting Triatoma dimidiata in Central Veracruz, Mexico, and their One Health ecological interactions. Infection, Genetics and Evolution, 2021, 95, 105050.	2.3	10
38	Molecular ecology of Triatoma dimidiata in southern Belize reveals risk for human infection and the local differentiation of Trypanosoma cruzi parasites. International Journal of Infectious Diseases, 2021, 108, 320-329.	3.3	9
39	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
40	Metabarcoding: A Powerful Yet Still Underestimated Approach for the Comprehensive Study of Vector-Borne Pathogen Transmission Cycles and Their Dynamics. , 0, , .		7
41	Genomic Signatures of SARS-CoV-2 Associated with Patient Mortality. Viruses, 2021, 13, 227.	3.3	7
42	Sequence of Trypanosoma cruzi reference strain SC43 nuclear genome and kinetoplast maxicircle confirms a strong genetic structure among closely related parasite discrete typing units. Genome, 2021, 64, 1-7.	2.0	6
43	Locally Transmitted Trypanosoma cruzi in a Domestic Llama (Lama glama) in a Rural Area of Greater New Orleans, Louisiana, USA. Vector-Borne and Zoonotic Diseases, 2021, 21, 762-768.	1.5	4
44	Active Transmission of Trypanosoma cruzi in Schoolchildren from the Amazon Region in Napo Province, Ecuador. Acta Parasitologica, 2021, 66, 1059-1062.	1.1	0
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