

Felipe Guhl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1043620/publications.pdf>

Version: 2024-02-01

83
papers

5,149
citations

87888

38
h-index

91884

69
g-index

88
all docs

88
docs citations

88
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	Randomized Trial of Benznidazole for Chronic Chagas' Cardiomyopathy. <i>New England Journal of Medicine</i> , 2015, 373, 1295-1306.	27.0	807
2	A 9,000-year record of Chagas' disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2034-2039.	7.1	316
3	International Study to Evaluate PCR Methods for Detection of <i>Trypanosoma cruzi</i> DNA in Blood Samples from Chagas Disease Patients. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e931.	3.0	300
4	Analytical Validation of Quantitative Real-Time PCR Methods for Quantification of <i>Trypanosoma cruzi</i> DNA in Blood Samples from Chagas Disease Patients. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 605-615.	2.8	153
5	Phylogeography and Genetic Variation of <i>Triatoma dimidiata</i> , the Main Chagas Disease Vector in Central America, and Its Position within the Genus <i>Triatoma</i> . <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e233.	3.0	145
6	Chagas Cardiomyopathy Manifestations and <i>Trypanosoma cruzi</i> Genotypes Circulating in Chronic Chagasic Patients. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e899.	3.0	137
7	<i>Trypanosoma</i> (<i>Herpetosoma</i>) <i>rangeli</i> Tejera, 1920: an updated review. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2003, 98, 435-442.	1.6	131
8	Towards the establishment of a consensus real-time qPCR to monitor <i>Trypanosoma cruzi</i> parasitemia in patients with chronic Chagas disease cardiomyopathy: A substudy from the BENEFIT trial. <i>Acta Tropica</i> , 2013, 125, 23-31.	2.0	131
9	Identifying four <i>Trypanosoma cruzi</i> I isolate haplotypes from different geographic regions in Colombia. <i>Infection, Genetics and Evolution</i> , 2007, 7, 535-539.	2.3	127
10	Actualización de la distribución geográfica y ecoepidemiología de la fauna de triatominos (Reduviidae: Tj ETQq0 0 0 rgBT /Overlock	0.7	116
11	Sylvatic triatominae: a new challenge in vector control transmission. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 71-75.	1.6	115
12	Drug discovery for Chagas disease should consider <i>Trypanosoma cruzi</i> strain diversity. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 828-833.	1.6	111
13	Haplotype identification within <i>Trypanosoma cruzi</i> I in Colombian isolates from several reservoirs, vectors and humans. <i>Acta Tropica</i> , 2009, 110, 15-21.	2.0	108
14	Chagas disease in Andean countries. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2007, 102, 29-38.	1.6	96
15	Contemporary cryptic sexuality in <i>Trypanosoma cruzi</i> . <i>Molecular Ecology</i> , 2012, 21, 4216-4226.	3.9	96
16	Species specific detection of <i>Trypanosoma cruzi</i> and <i>Trypanosoma rangeli</i> in vector and mammalian hosts by polymerase chain reaction amplification of kinetoplast minicircle DNA. <i>Acta Tropica</i> , 1999, 72, 203-212.	2.0	95
17	Evaluation of Adult Chronic Chagas' Heart Disease Diagnosis by Molecular and Serological Methods. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3945-3951.	3.9	89
18	Molecular Epidemiology of Human Oral Chagas Disease Outbreaks in Colombia. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2041.	3.0	87

#	ARTICLE	IF	CITATIONS
19	Trypanosoma cruzi I diversity: Towards the need of genetic subdivision?. Acta Tropica, 2011, 119, 1-4.	2.0	81
20	Trypanosome species in neo-tropical bats: Biological, evolutionary and epidemiological implications. Infection, Genetics and Evolution, 2014, 22, 250-256.	2.3	73
21	Diagnosis, management and treatment of chronic Chagasâ€™ gastrointestinal disease in areas where Trypanosoma cruzi infection is not endemic. GastroenterologÃ¡ Y HepatologÃ¡a, 2010, 33, 191-200.	0.5	71
22	kDNA markers define two major Trypanosoma rangeli lineages in Latin-America. Acta Tropica, 2002, 81, 77-82.	2.0	66
23	Cytokine Profiling in Chagas Disease: Towards Understanding the Association with Infecting Trypanosoma cruzi Discrete Typing Units (A BENEFIT TRIAL Sub-Study). PLoS ONE, 2014, 9, e91154.	2.5	65
24	Trypanosoma cruzi DNA in human mummies. Lancet, The, 1997, 349, 1370.	13.7	59
25	Metric Variation Among Geographic Populations of the Chagas Vector <i>Triatoma dimidiata</i> (Hemiptera: Reduviidae: Triatominae) and Related Species. Journal of Medical Entomology, 2004, 41, 296-301.	1.8	58
26	Lessons from a national survey of Chagas disease transmission risk in Colombia. Trends in Parasitology, 2005, 21, 259-262.	3.3	57
27	Chagas disease and human migration. Memorias Do Instituto Oswaldo Cruz, 2000, 95, 553-555.	1.6	52
28	The Costs of Preventing and Treating Chagas Disease in Colombia. PLoS Neglected Tropical Diseases, 2008, 2, e336.	3.0	52
29	Genetic structure of sylvatic, peridomestic and domestic populations of <i>Triatoma dimidiata</i> (Hemiptera: Reduviidae) from an endemic zone of Boyaca, Colombia. Acta Tropica, 2005, 93, 23-29.	2.0	51
30	Parity between kinetoplast DNA and mini-exon gene sequences supports either clonal evolution or speciation in <i>Trypanosoma rangeli</i> strains isolated from <i>Rhodnius colombiensis</i> , <i>R. pallescens</i> and <i>R. prolixus</i> in Colombia. Infection, Genetics and Evolution, 2003, 3, 39-45.	2.3	48
31	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
32	Understanding the role of dogs (<i>Canis lupus familiaris</i>) in the transmission dynamics of <i>Trypanosoma cruzi</i> genotypes in Colombia. Veterinary Parasitology, 2013, 196, 216-219.	1.8	47
33	Retrospective molecular integrated epidemiology of Chagas disease in Colombia. Infection, Genetics and Evolution, 2013, 20, 148-154.	2.3	45
34	Phylogenetic reconstruction based on Cytochrome b (Cytb) gene sequences reveals distinct genotypes within Colombian <i>Trypanosoma cruzi</i> I populations. Acta Tropica, 2011, 119, 61-65.	2.0	43
35	Molecular Characterization and Diagnosis of <i>Trypanosoma cruzi</i> and <i>T. rangeli</i> . Archives of Medical Research, 2002, 33, 362-370.	3.3	42
36	Follow-up of an Asymptomatic Chagas Disease Population of Children after Treatment with Nifurtimox (Lampit) in a Sylvatic Endemic Transmission Area of Colombia. PLoS Neglected Tropical Diseases, 2015, 9, e0003465.	3.0	41

#	ARTICLE	IF	CITATIONS
37	From ancient to contemporary molecular eco-epidemiology of Chagas disease in the Americas. <i>International Journal for Parasitology</i> , 2014, 44, 605-612.	3.1	40
38	Distribución actual e importancia epidemiológica de las especies de triatominos (Reduviidae): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	0.7	39
39	Interest and limitations of Spliced Leader Intergenic Region sequences for analyzing <i>Trypanosoma cruzi</i> phylogenetic diversity in the Argentinean Chaco. <i>Infection, Genetics and Evolution</i> , 2011, 11, 300-307.	2.3	38
40	Development of Peptide-Based Lineage-Specific Serology for Chronic Chagas Disease: Geographical and Clinical Distribution of Epitope Recognition. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2892.	3.0	37
41	Prevalence of <i>Trypanosoma cruzi</i> ™s Discrete Typing Units in a cohort of Latin American migrants in Spain. <i>Acta Tropica</i> , 2016, 157, 145-150.	2.0	37
42	Isoenzyme clustering of <i>Trypanosomatidae</i> Colombian populations.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 394-400.	1.4	36
43	Genetic structure of <i>Trypanosoma cruzi</i> in Colombia revealed by a High-throughput Nuclear Multilocus Sequence Typing (nMLST) approach. <i>BMC Genetics</i> , 2013, 14, 96.	2.7	35
44	Identification of <i>Trypanosoma cruzi</i> Discrete Typing Units (DTUs) through the implementation of a High-Resolution Melting (HRM) genotyping assay. <i>Parasites and Vectors</i> , 2013, 6, 112.	2.5	34
45	New scenarios of <i>Trypanosoma cruzi</i> transmission in the Orinoco region of Colombia. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 283-288.	1.6	34
46	Immunological Identification of <i>Trypanosoma cruzi</i> Lineages in Human Infection Along the Endemic Area. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 78-84.	1.4	32
47	Comparación del ciclo de vida de <i>Rhodnius colombiensis</i> Moreno, Jurberg & Galvão, 1999 y <i>Rhodnius prolixus</i> Stal, 1872 (Hemiptera, Reduviidae, Triatominae) en condiciones de laboratorio. <i>Biomedica</i> , 2007, 27, 119.	0.7	31
48	The effect of temperature increase on the development of <i>Rhodnius prolixus</i> and the course of <i>Trypanosoma cruzi</i> metacyclogenesis. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006735.	3.0	29
49	Risks associated with dispersive nocturnal flights of sylvatic Triatominae to artificial lights in a model house in the northeastern plains of Colombia. <i>Parasites and Vectors</i> , 2015, 8, 600.	2.5	28
50	Natural and emergent <i>Trypanosoma cruzi</i> genotypes revealed by mitochondrial (Cytb) and nuclear (SSU rDNA) genetic markers. <i>Experimental Parasitology</i> , 2012, 132, 487-494.	1.2	27
51	Differentiation and genetic analysis of <i>Rhodnius prolixus</i> and <i>Rhodnius colombiensis</i> by rDNA and RAPD amplification. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2001, 96, 1043-1048.	1.6	27
52	Genetic structure of <i>Triatoma venosa</i> (Hemiptera: Reduviidae): molecular and morphometric evidence. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2006, 101, 39-45.	1.6	26
53	Target product profile for a test for the early assessment of treatment efficacy in Chagas disease patients: An expert consensus. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008035.	3.0	26
54	Chagas disease control-surveillance in the Americas: the multinational initiatives and the practical impossibility of interrupting vector-borne <i>Trypanosoma cruzi</i> transmission. <i>Memorias Do Instituto Oswaldo Cruz</i> , 0, 117, .	1.6	26

#	ARTICLE	IF	CITATIONS
55	Using the basic reproduction number to assess the effects of climate change in the risk of Chagas disease transmission in Colombia. <i>Acta Tropica</i> , 2014, 129, 74-82.	2.0	25
56	Repeat-Driven Generation of Antigenic Diversity in a Major Human Pathogen, <i>Trypanosoma cruzi</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 614665.	3.9	25
57	Interruption of Chagas disease transmission in the Andean Countries: Colombia. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1999, 94, 413-415.	1.6	24
58	The identification of two <i>Trypanosoma cruzi</i> I genotypes from domestic and sylvatic transmission cycles in Colombia based on a single polymerase chain reaction amplification of the spliced-leader intergenic region. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 932-935.	1.6	23
59	Sequence analysis of the spliced-leader intergenic region (SL-IR) and random amplified polymorphic DNA (RAPD) of <i>Trypanosoma rangeli</i> strains isolated from <i>Rhodnius ecuadoriensis</i> , <i>R. colombiensis</i> , <i>R. pallescens</i> and <i>R. prolixus</i> suggests a degree of co-evolution between parasites and vectors. <i>Acta Tropica</i> , 2011, 120, 59-66.	2.0	21
60	Poverty, Migration, and Chagas Disease. <i>Current Tropical Medicine Reports</i> , 2021, 8, 52-58.	3.7	20
61	Interacción tripanosoma-vector-vertebrado y su relación con la sistema inmunitaria y la epidemiología de la tripanosomiasis americana. <i>Biomedica</i> , 2007, 27, 110.	0.7	19
62	Modelling geographic variation in the cost-effectiveness of control policies for infectious vector diseases: The example of Chagas disease. <i>Journal of Health Economics</i> , 2008, 27, 405-426.	2.7	16
63	Multilocus PCR-RFLP profiling in <i>Trypanosoma cruzi</i> I highlights an intraspecific genetic variation pattern. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1743-1750.	2.3	16
64	Generalist host species drive <i>Trypanosoma cruzi</i> vector infection in oil palm plantations in the Orinoco region, Colombia. <i>Parasites and Vectors</i> , 2019, 12, 274.	2.5	16
65	<i>Trypanosoma rangeli</i> genotypes association with <i>Rhodnius prolixus</i> and <i>R. pallescens</i> allopatric distribution in Central America. <i>Infection, Genetics and Evolution</i> , 2009, 9, 1306-1310.	2.3	13
66	Importation of Hybrid Human-Associated <i>Trypanosoma cruzi</i> Strains of Southern South American Origin, Colombia. <i>Emerging Infectious Diseases</i> , 2016, 22, 1452-1455.	4.3	13
67	Distribution of <i>Trypanosoma cruzi</i> discrete typing units in Bolivian migrants in Spain. <i>Infection, Genetics and Evolution</i> , 2014, 21, 440-442.	2.3	12
68	The impact of landscape transformation on the reinfestation rates of <i>Rhodnius prolixus</i> in the Orinoco Region, Colombia. <i>Acta Tropica</i> , 2015, 151, 73-79.	2.0	12
69	Taxonomy, Evolution, and Biogeography of the <i>Rhodnius</i> Tribe (Hemiptera: Reduviidae). <i>Diversity</i> , 2020, 12, 97.	1.7	12
70	Slight temperature changes cause rapid transcriptomic responses in <i>Trypanosoma cruzi</i> metacyclic trypomastigotes. <i>Parasites and Vectors</i> , 2020, 13, 255.	2.5	11
71	Systematic review on the biology, ecology, genetic diversity and parasite transmission potential of <i>Panstrongylus geniculatus</i> (Latreille 1811) in Latin America. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2021, 116, e200528.	1.6	11
72	Validation of a Poisson-distributed limiting dilution assay (LDA) for a rapid and accurate resolution of multiclonal infections in natural <i>Trypanosoma cruzi</i> populations. <i>Journal of Microbiological Methods</i> , 2013, 92, 220-225.	1.6	8

#	ARTICLE	IF	CITATIONS
73	Development and evaluation of a duplex TaqMan qPCR assay for detection and quantification of <i>Trypanosoma cruzi</i> infection in domestic and sylvatic reservoir hosts. <i>Parasites and Vectors</i> , 2019, 12, 567.	2.5	8
74	Fauna de insectos hematofagos del sur del Parque Natural Nacional Chiribiquete, Caquetá, Colombia. <i>Biomedica</i> , 2000, 20, 314.	0.7	6
75	Geographical Distribution of Chagas Disease. , 2010, , 83-114.		6
76	Rabbit serum against K1 peptide, an immunogenic epitope of the <i>Trypanosoma cruzi</i> KMP-11, decreases parasite invasion to cells. <i>Acta Tropica</i> , 2012, 123, 224-229.	2.0	6
77	Serological reactivity against <i>T. cruzi</i> -derived antigens: Evaluation of their suitability for the assessment of response to treatment in chronic Chagas disease.. <i>Acta Tropica</i> , 2021, 221, 105990.	2.0	6
78	Evaluación de la variabilidad genética de aislamientos colombianos de <i>Trypanosoma cruzi</i> mediante marcadores microsatélites. <i>Infectio</i> , 2011, 15, 227-234.	0.4	5
79	<i>Rhodnius prolixus</i> Colonization and <i>Trypanosoma cruzi</i> Transmission in Oil Palm (<i>Elaeis guineensis</i>) Plantations in the Orinoco Basin, Colombia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 428-436.	1.4	4
80	Innate trypanolytic factors in triatomine hemolymph against <i>Trypanosoma rangeli</i> and <i>T. cruzi</i> : a comparative study in eight Chagas disease vectors. <i>Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales</i> , 2020, 44, 88-104.	0.2	3
81	Preface. <i>Acta Tropica</i> , 2009, 110, 87.	2.0	0
82	Chagas Disease in Pre-Colombian Civilizations. , 2010, , 25-44.		0
83	Triatomines intrahaemocoelic inoculation protocol: a useful tool to check infectivity in insects. <i>Journal of Biological Methods</i> , 2016, 3, e40.	0.6	0