

# Alejandro Gabriel Schijman

## List of Publications by Year in descending order

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76  
papers

4,378  
citations

147801

31  
h-index

110387

64  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2422  
citing authors

#	ARTICLE	IF	CITATIONS
1	The revised <i>Trypanosoma cruzi</i> subspecific nomenclature: Rationale, epidemiological relevance and research applications. <i>Infection, Genetics and Evolution</i> , 2012, 12, 240-253.	2.3	728
2	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
3	Accurate Real-Time PCR Strategy for Monitoring Bloodstream Parasitic Loads in Chagas Disease Patients. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e419.	3.0	241
4	Analytical Performance of a Multiplex Real-Time PCR Assay Using TaqMan Probes for Quantification of <i>Trypanosoma cruzi</i> Satellite DNA in Blood Samples. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2000.	3.0	210
5	Direct molecular profiling of minicircle signatures and lineages of <i>Trypanosoma cruzi</i> bloodstream populations causing congenital Chagas disease. <i>International Journal for Parasitology</i> , 2007, 37, 1319-1327.	3.1	200
6	Aetiological treatment of congenital Chagas' disease diagnosed and monitored by the polymerase chain reaction. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 441-449.	3.0	197
7	Molecular Identification of <i>Trypanosoma cruzi</i> Discrete Typing Units in End-Stage Chronic Chagas Heart Disease and Reactivation after Heart Transplantation. <i>Clinical Infectious Diseases</i> , 2010, 51, 485-495.	5.8	173
8	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
9	<i>Trypanosoma cruzi</i> I genotypes in different geographical regions and transmission cycles based on a microsatellite motif of the intergenic spacer of spliced-leader genes. <i>International Journal for Parasitology</i> , 2010, 40, 1599-1607.	3.1	143
10	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
11	Molecular epidemiology of domestic and sylvatic <i>Trypanosoma cruzi</i> infection in rural northwestern Argentina. <i>International Journal for Parasitology</i> , 2008, 38, 1533-1543.	3.1	103
12	Sensitive and Specific Detection of <i>Trypanosoma cruzi</i> DNA in Clinical Specimens Using a Multi-Target Real-Time PCR Approach. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1689.	3.0	88
13	Congenital Chagas disease: Updated recommendations for prevention, diagnosis, treatment, and follow-up of newborns and siblings, girls, women of childbearing age, and pregnant women. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007694.	3.0	87
14	Molecular diagnosis of <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 2018, 184, 59-66.	2.0	76
15	Multiplex Real-Time PCR Assay Using TaqMan Probes for the Identification of <i>Trypanosoma cruzi</i> DTUs in Biological and Clinical Samples. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003765.	3.0	75
16	MOLECULAR DIAGNOSIS AND TYPING OF <i>TRYPANOSOMA CRUZI</i> POPULATIONS AND LINEAGES IN CEREBRAL CHAGAS DISEASE IN A PATIENT WITH AIDS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1016-1018.	1.4	75
17	Analytical sensitivity and specificity of a loop-mediated isothermal amplification (LAMP) kit prototype for detection of <i>Trypanosoma cruzi</i> DNA in human blood samples. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005779.	3.0	69
18	Molecular Identification of <i>Trypanosoma cruzi</i> I Tropism for Central Nervous System in Chagas Reactivation Due to AIDS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 294-297.	1.4	68

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19	Target Product Profile (TPP) for Chagas Disease Point-of-Care Diagnosis and Assessment of Response to Treatment. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003697.	3.0	63
20	Early Molecular Diagnosis of Acute Chagas Disease After Transplantation With Organs From <i>Trypanosoma cruzi</i> Infected Donors. <i>American Journal of Transplantation</i> , 2013, 13, 3253-3261.	4.7	55
21	Genetic profiling of <i>Trypanosoma cruzi</i> directly in infected tissues using nested PCR of polymorphic microsatellites. <i>International Journal for Parasitology</i> , 2008, 38, 839-850.	3.1	51
22	The burden of congenital Chagas disease and implementation of molecular diagnostic tools in Latin America. <i>BMJ Global Health</i> , 2018, 3, e001069.	4.7	50
23	New Sylvatic Hosts of <i>Trypanosoma cruzi</i> and Their Reservoir Competence in the Humid Chaco of Argentina: A Longitudinal Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 872-882.	1.4	49
24	Urbanization of congenital transmission of <i>Trypanosoma cruzi</i> : prospective polymerase chain reaction study in pregnancy. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2011, 105, 543-549.	1.8	40
25	Interest and limitations of Spliced Leader Intergenic Region sequences for analyzing <i>Trypanosoma cruzi</i> I phylogenetic diversity in the Argentinean Chaco. <i>Infection, Genetics and Evolution</i> , 2011, 11, 300-307.	2.3	38
26	Molecular diagnostics for Chagas disease: up to date and novel methodologies. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 699-710.	3.1	37
27	First report of a family outbreak of Chagas disease in French Guiana and posttreatment follow-up. <i>Infection, Genetics and Evolution</i> , 2014, 28, 245-250.	2.3	36
28	Pharmacokinetic and pharmacodynamic responses in adult patients with Chagas disease treated with a new formulation of benznidazole. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 218-221.	1.6	36
29	Congenital Transmission of <i>Trypanosoma cruzi</i> : A Review About the Interactions Between the Parasite, the Placenta, the Maternal and the Fetal/Neonatal Immune Responses. <i>Frontiers in Microbiology</i> , 2019, 10, 1854.	3.5	36
30	High variability of Colombian <i>Trypanosoma cruzi</i> lineage I stocks as revealed by low-stringency single primer-PCR minicircle signatures. <i>Acta Tropica</i> , 2006, 100, 110-118.	2.0	35
31	Molecular diagnosis and treatment monitoring of congenital transmission of <i>Trypanosoma cruzi</i> to twins of a triplet delivery. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 65, 58-61.	1.8	35
32	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
33	Infestation of <i>Mauritia flexuosa</i> palms by triatomines (Hemiptera: Reduviidae), vectors of <i>Trypanosoma cruzi</i> and <i>Trypanosoma rangeli</i> in the Brazilian savanna. <i>Acta Tropica</i> , 2012, 121, 105-111.	2.0	30
34	Usefulness of Serial Blood Sampling and PCR Replicates for Treatment Monitoring of Patients with Chronic Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	29
35	Chagas' disease in Aboriginal and Creole communities from the Gran Chaco Region of Argentina: Seroprevalence and molecular parasitological characterization. <i>Infection, Genetics and Evolution</i> , 2016, 41, 84-92.	2.3	28
36	Introducing automation to the molecular diagnosis of <i>Trypanosoma cruzi</i> infection: A comparative study of sample treatments, DNA extraction methods and real-time PCR assays. <i>PLoS ONE</i> , 2018, 13, e0195738.	2.5	28

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37	First external quality assurance program for bloodstream Real-Time PCR monitoring of treatment response in clinical trials of Chagas disease. <i>PLoS ONE</i> , 2017, 12, e0188550.	2.5	27
38	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
39	Molecular diagnosis and typing of <i>Trypanosoma cruzi</i> populations and lineages in cerebral Chagas disease in a patient with AIDS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1016-8.	1.4	25
40	Molecular identification of <i>Trypanosoma cruzi</i> I tropism for central nervous system in Chagas reactivation due to AIDS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 294-7.	1.4	25
41	Evaluation of Nifurtimox Treatment of Chronic Chagas Disease by Means of Several Parasitological Methods. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4518-4523.	3.2	24
42	<i>Trypanosoma cruzi</i> loop-mediated isothermal amplification ( <i>Trypanosoma cruzi</i> Loopamp) kit for detection of congenital, acute and Chagas disease reactivation. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008402.	3.0	24
43	Benznidazole Treatment of Chagasic Encephalitis in Pregnant Woman with AIDS. <i>Emerging Infectious Diseases</i> , 2013, 19, 1490-1492.	4.3	23
44	New insights into <i>Trypanosoma cruzi</i> evolution, genotyping and molecular diagnostics from satellite DNA sequence analysis. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006139.	3.0	23
45	Alterations in Placental Gene Expression of Pregnant Women with Chronic Chagas Disease. <i>American Journal of Pathology</i> , 2018, 188, 1345-1353.	3.8	21
46	Identification of <i>Trypanosoma cruzi</i> Discrete Typing Units (DTUs) in Latin-American migrants in Barcelona (Spain). <i>Parasitology International</i> , 2017, 66, 83-88.	1.3	20
47	Geographical clustering of <i>Trypanosoma cruzi</i> I groups from Colombia revealed by low-stringency single specific primer-PCR of the intergenic regions of spliced-leader genes. <i>Parasitology Research</i> , 2009, 104, 399-410.	1.6	19
48	A flow cytometer-based method to simultaneously assess activity and selectivity of compounds against the intracellular forms of <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 2015, 152, 8-16.	2.0	19
49	Differential detection of <i>Blastocrithidia triatoma</i> e and <i>Trypanosoma cruzi</i> by amplification of 24S± ribosomal RNA genes in faeces of sylvatic triatomine species from rural northwestern Argentina. <i>Acta Tropica</i> , 2006, 99, 50-54.	2.0	18
50	Molecular characterization of trypanosomatid infections in wild howler monkeys ( <i>Alouatta caraya</i> ) in northeastern Argentina. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2016, 5, 198-206.	1.5	18
51	Impairment in Natural Killer Cells Editing of Immature Dendritic Cells by Infection with a Virulent <b><i>Trypanosoma cruzi</i></b> Population. <i>Journal of Innate Immunity</i> , 2013, 5, 494-504.	3.8	17
52	Geographic variation of <i>Trypanosoma cruzi</i> discrete typing units from <i>Triatoma infestans</i> at different spatial scales. <i>Acta Tropica</i> , 2014, 140, 10-18.	2.0	16
53	Role of nucleic acid amplification assays in monitoring treatment response in chagas disease: Usefulness in clinical trials. <i>Acta Tropica</i> , 2019, 199, 105120.	2.0	16
54	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

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55	Different genotypes of <i>Trypanosoma cruzi</i> produce distinctive placental environment genetic response in chronic experimental infection. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005436.	3.0	16
56	Human Polymorphisms in Placentally Expressed Genes and Their Association With Susceptibility to Congenital <i>Trypanosoma cruzi</i> Infection. <i>Journal of Infectious Diseases</i> , 2016, 213, 1299-1306.	4.0	15
57	Nitric oxide synthase and oxidative/nitrosative stress play a key role in placental infection by <i>Trypanosoma cruzi</i> . <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12852.	1.2	15
58	Differential infectivity of two <i>Trypanosoma cruzi</i> strains in placental cells and tissue. <i>Acta Tropica</i> , 2018, 186, 35-40.	2.0	15
59	Prospective multicenter evaluation of real time PCR Kit prototype for early diagnosis of congenital Chagas disease. <i>EBioMedicine</i> , 2021, 69, 103450.	6.1	14
60	Congenital Chagas Disease. <i>Perspectives in Medical Virology</i> , 2006, 13, 223-258.	0.1	13
61	Development and Evaluation of a Three-Dimensional Printer-Based DNA Extraction Method Coupled to Loop Mediated Isothermal Amplification for Point-of-Care Diagnosis of Congenital Chagas Disease in Endemic Regions. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 389-398.	2.8	13
62	Prospective evaluation of in-house polymerase chain reaction for diagnosis of mycobacterial diseases in patients with HIV infection and lung infiltrates. <i>International Journal of Tuberculosis and Lung Disease</i> , 2004, 8, 106-113.	1.2	13
63	Serological based monitoring of a cohort of patients with chronic Chagas disease treated with benznidazole in a highly endemic area of northern Argentina. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 365-371.	1.6	12
64	Parasitological, serological and molecular diagnosis of acute and chronic Chagas disease: from field to laboratory. <i>Memorias Do Instituto Oswaldo Cruz</i> , 0, 117, .	1.6	11
65	Mixed infections by different <i>Trypanosoma cruzi</i> discrete typing units among Chagas disease patients in an endemic community in Panama. <i>PLoS ONE</i> , 2020, 15, e0241921.	2.5	9
66	Loop-Mediated Isothermal Amplification of <i>Trypanosoma cruzi</i> DNA for Point-of-Care Follow-Up of Anti-Parasitic Treatment of Chagas Disease. <i>Microorganisms</i> , 2022, 10, 909.	3.6	9
67	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
68	Placenta, <i>Trypanosoma cruzi</i> , and Congenital Chagas Disease. <i>Current Tropical Medicine Reports</i> , 2020, 7, 172-182.	3.7	8
69	Toward the Establishment of a Single Standard Curve for Quantification of <i>Trypanosoma cruzi</i> Natural Populations Using a Synthetic Satellite Unit DNA Sequence. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 521-531.	2.8	7
70	Characterization and Follow-Up of <i>Trypanosoma cruzi</i> Natural Populations Refractory to Etiological Chemotherapy in Oral Chagas Disease Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 665063.	3.9	4
71	Differential tissue distribution of discrete typing units after drug combination therapy in experimental <i>Trypanosoma cruzi</i> mixed infection. <i>Parasitology</i> , 2021, 148, 1595-1601.	1.5	4
72	Genetic polymorphism of <i>Trypanosoma cruzi</i> bloodstream populations in adult chronic indeterminate Chagas disease patients from the E1224 clinical trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 578-584.	3.0	3

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73	Real-time polymerase chain reaction based algorithm for differential diagnosis of Kinetoplastidean species of zoonotic relevance. <i>Infection, Genetics and Evolution</i> , 2020, 83, 104328.	2.3	2
74	Diagnosis of Chagas Disease. <i>Birkhauser Advances in Infectious Diseases</i> , 2019, , 141-158.	0.3	2
75	Diagnosis of <i>Trypanosoma cruzi</i> Infection: Challenges on Laboratory Tests Development and Applications. , 2020, , 75-94.		2
76	Detection and identification of Kinetoplastids of zoonotic interest by HRM-qPCR analysis in <i>Canis lupus familiaris</i> from Argentinean Mesopotamia. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2021, 24, 100557.	0.5	0