

# Jose Franco Da Silveira

## List of Publications by Year in descending order

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75  
papers

3,452  
citations

257429

24  
h-index

144002

57  
g-index

76  
all docs

76  
docs citations

76  
times ranked

3179  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of <i>Trypanosoma cruzi</i> , Etiologic Agent of Chagas Disease. <i>Science</i> , 2005, 309, 409-415.	12.6	1,273
2	Proteomic Analysis of <i>Trypanosoma cruzi</i> Secretome: Characterization of Two Populations of Extracellular Vesicles and Soluble Proteins. <i>Journal of Proteome Research</i> , 2013, 12, 883-897.	3.7	235
3	Chagas disease: recombinant <i>Trypanosoma cruzi</i> antigens for serological diagnosis. <i>Trends in Parasitology</i> , 2001, 17, 286-291.	3.3	140
4	The Genome Sequence of <i>Leishmania (Leishmania) amazonensis</i> : Functional Annotation and Extended Analysis of Gene Models. <i>DNA Research</i> , 2013, 20, 567-581.	3.4	109
5	An improved serodiagnostic test for Chagas' disease employing a mixture of <i>Trypanosoma cruzi</i> recombinant antigens. <i>Transfusion</i> , 2003, 43, 91-97.	1.6	94
6	Chagas™ disease diagnosis: a multicentric evaluation of Chagas Stat-Pak, a rapid immunochromatographic assay with recombinant proteins of <i>Trypanosoma cruzi</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2003, 46, 265-271.	1.8	89
7	Validation of a Rapid and Reliable Test for Diagnosis of Chagas' Disease by Detection of <i>Trypanosoma cruzi</i> -Specific Antibodies in Blood of Donors and Patients in Central America. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5065-5068.	3.9	88
8	<i>Trypanosoma cruzi</i> genome project: biological characteristics and molecular typing of clone CL Brener. <i>Acta Tropica</i> , 1997, 68, 159-173.	2.0	78
9	Characterization of the small RNA content of <i>Trypanosoma cruzi</i> extracellular vesicles. <i>Molecular and Biochemical Parasitology</i> , 2014, 193, 71-74.	1.1	74
10	Serodiagnosis of Chronic and Acute Chagas' Disease with <i>Trypanosoma cruzi</i> Recombinant Proteins: Results of a Collaborative Study in Six Latin American Countries. <i>Journal of Clinical Microbiology</i> , 2004, 42, 449-452.	3.9	69
11	Genome Size, Karyotype Polymorphism and Chromosomal Evolution in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2011, 6, e23042.	2.5	62
12	Proteomic Analysis of Detergent-Solubilized Membrane Proteins from Insect-Developmental Forms of <i>Trypanosoma cruzi</i> . <i>Journal of Proteome Research</i> , 2009, 8, 3642-3652.	3.7	57
13	Organization of telomeric and sub-telomeric regions of chromosomes from the protozoan parasite <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 100, 173-183.	1.1	55
14	Chromosomal Polymorphism in the <i>Sporothrix schenckii</i> Complex. <i>PLoS ONE</i> , 2014, 9, e86819.	2.5	54
15	Telomere and subtelomere of <i>Trypanosoma cruzi</i> chromosomes are enriched in (pseudo)genes of retrotransposon hot spot and trans-sialidase-like gene families: the origins of <i>T. cruzi</i> telomeres. <i>Gene</i> , 2005, 346, 153-161.	2.2	47
16	Unique behavior of <i>Trypanosoma cruzi</i> mevalonate kinase: A conserved glycosomal enzyme involved in host cell invasion and signaling. <i>Scientific Reports</i> , 2016, 6, 24610.	3.3	45
17	Anatomy and evolution of telomeric and subtelomeric regions in the human protozoan parasite <i>Trypanosoma cruzi</i> . <i>BMC Genomics</i> , 2012, 13, 229.	2.8	43
18	Molecular Characterization of Serine-, Alanine-, and Proline-Rich Proteins of <i>Trypanosoma cruzi</i> and Their Possible Role in Host Cell Infection. <i>Infection and Immunity</i> , 2006, 74, 1537-1546.	2.2	41

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19	Chromosomal polymorphism, syntenic relationships, and ploidy in the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2003, 39, 60-69.	2.1	38
20	A novel protein phosphatase 2A (PP2A) is involved in the transformation of human protozoan parasite <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2003, 374, 647-656.	3.7	36
21	Molecular Characterization of a Novel Family of <i>Trypanosoma cruzi</i> Surface Membrane Proteins (TcSMP) Involved in Mammalian Host Cell Invasion. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004216.	3.0	34
22	Calcineurin B of the human protozoan parasite <i>Trypanosoma cruzi</i> is involved in cell invasion. <i>Microbes and Infection</i> , 2008, 10, 892-900.	1.9	31
23	The <i>Trypanosoma cruzi</i> Genome Project: Nuclear Karyotype and Gene Mapping of Clone CL Brener. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 821-828.	1.6	26
24	Organization and expression of the gene encoding an immunodominant repetitive antigen associated to the cytoskeleton of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1995, 71, 89-98.	1.1	25
25	Expression and cellular trafficking of GP82 and GP90 glycoproteins during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Parasites and Vectors</i> , 2013, 6, 127.	2.5	25
26	A protein phosphatase 1 gamma (PP1 $\gamma$ ) of the human protozoan parasite <i>Trichomonas vaginalis</i> is involved in proliferation and cell attachment to the host cell. <i>International Journal for Parasitology</i> , 2012, 42, 715-727.	3.1	24
27	Detection of antibodies in sera from Chagas' disease patients using a <i>Trypanosoma cruzi</i> immunodominant recombinant antigen. <i>Parasite Immunology</i> , 1994, 16, 165-169.	1.5	23
28	Cell Adhesion and Ca <sup>2+</sup> Signaling Activity in Stably Transfected <i>Trypanosoma cruzi</i> Epimastigotes Expressing the Metacyclic Stage-Specific Surface Molecule gp82. <i>Infection and Immunity</i> , 2003, 71, 1561-1565.	2.2	23
29	Diagnostic performance of tests based on <i>Trypanosoma cruzi</i> excreted/secreted antigens in an endemic area for Chagas' disease in Bolivia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 57, 229-232.	1.8	23
30	Expression of GP82 and GP90 surface glycoprotein genes of <i>Trypanosoma cruzi</i> during in vivo metacyclogenesis in the insect vector <i>Rhodnius prolixus</i> . <i>Acta Tropica</i> , 2008, 105, 87-91.	2.0	23
31	Molecular Characterization of <i>Trypanosoma cruzi</i> SAP Proteins with Host-Cell Lysosome Exocytosis-Inducing Activity Required for Parasite Invasion. <i>PLoS ONE</i> , 2013, 8, e83864.	2.5	23
32	A refined molecular karyotype for the reference strain of the <i>Trypanosoma cruzi</i> genome project (clone CL Brener) by assignment of chromosome markers. <i>Gene</i> , 2003, 308, 53-65.	2.2	22
33	The TryPIKinome of five human pathogenic trypanosomatids: <i>Trypanosoma brucei</i> , <i>Trypanosoma cruzi</i> , <i>Leishmania major</i> , <i>Leishmania braziliensis</i> and <i>Leishmania infantum</i> – New tools for designing specific inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 963-970.	2.1	21
34	The Repetitive Cytoskeletal Protein H49 of <i>Trypanosoma cruzi</i> Is a Calpain-Like Protein Located at the Flagellum Attachment Zone. <i>PLoS ONE</i> , 2011, 6, e27634.	2.5	20
35	Comparative Analysis of Virulence Mechanisms of Trypanosomatids Pathogenic to Humans. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 669079.	3.9	20
36	The <i>Aspergillus fumigatus</i> Mismatch Repair (MSH2) Homolog Is Important for Virulence and Azole Resistance. <i>MSphere</i> , 2019, 4, .	2.9	19

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37	Interclonal Variations in the Molecular Karyotype of <i>Trypanosoma cruzi</i> : Chromosome Rearrangements in a Single Cell-Derived Clone of the G Strain. <i>PLoS ONE</i> , 2013, 8, e63738.	2.5	19
38	Physical Mapping of a 670-kb Region of Chromosomes XVI and XVII from the Human Protozoan Parasite <i>Trypanosoma cruzi</i> Encompassing the Genes for Two Immunodominant Antigens. <i>Genome Research</i> , 1999, 9, 1268-1276.	5.5	18
39	Expression and genome-wide distribution of the gene family encoding a 90 kDa surface glycoprotein of metacyclic trypomastigotes of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 125, 201-206.	1.1	17
40	Characterization of a RAB5 homologue in <i>Trypanosoma cruzi</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 638-645.	2.1	17
41	Posttranscriptional mechanisms involved in the control of expression of the stage-specific GP82 surface glycoprotein in <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 2009, 109, 152-158.	2.0	16
42	<i>Trypanosoma cruzi</i> : Isolation of an immunodominant peptide of TESA (trypomastigote) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (ex 187-192.	1.8	15
43	New <i>Trypanosoma cruzi</i> Repeated Element That Shows Site Specificity for Insertion. <i>Eukaryotic Cell</i> , 2007, 6, 1228-1238.	3.4	15
44	Regulatory elements in the 3' untranslated region of the GP82 glycoprotein are responsible for its stage-specific expression in <i>Trypanosoma cruzi</i> metacyclic trypomastigotes. <i>Acta Tropica</i> , 2012, 123, 230-233.	2.0	15
45	Serological diagnosis of Chagas disease with purified and defined <i>Trypanosoma cruzi</i> antigens. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1999, 94, 285-288.	1.6	15
46	<i>Trypanosoma cruzi</i> : Genome characterization of phosphatidylinositol kinase gene family (PIK and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (ex 187-192.	2.3	14
47	The Influence of Genetic Stability on <i>Aspergillus fumigatus</i> Virulence and Azole Resistance. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 265-278.	1.8	14
48	An improved general approach for cloning and characterizing telomeres: the protozoan parasite <i>Trypanosoma cruzi</i> as model organism. <i>Gene</i> , 2002, 294, 197-204.	2.2	13
49	The diversity and expansion of the trans-sialidase gene family is a common feature in <i>Trypanosoma cruzi</i> clade members. <i>Infection, Genetics and Evolution</i> , 2016, 37, 266-274.	2.3	13
50	Identification of PDZ5, a candidate universal minicircle sequence binding protein of <i>Trypanosoma cruzi</i> . <i>International Journal for Parasitology</i> , 2003, 33, 853-858.	3.1	12
51	Genetic Structure and Expression of the Surface Glycoprotein GP82, the Main Adhesin of <i>Trypanosoma cruzi</i> Metacyclic Trypomastigotes. <i>Scientific World Journal</i> , The, 2013, 2013, 1-11.	2.1	12
52	A Cytoplasmic New Catalytic Subunit of Calcineurin in <i>Trypanosoma cruzi</i> and Its Molecular and Functional Characterization. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2676.	3.0	12
53	Heterologous Expression of A <i>Trypanosoma Cruzi</i> Surface Glycoprotein (Gp82) In Mammalian Cells Indicates the Existence of Different Signal Sequence Requirements and Processing. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 557-565.	1.7	11
54	An Exploration of the Genetic Robustness Landscape of Surface Protein Families in the Human Protozoan Parasite <i>Trypanosoma Cruzi</i> . <i>IEEE Transactions on Nanobioscience</i> , 2007, 6, 223-228.	3.3	11

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55	Parasite Genome Projects and the Trypanosoma cruzi Genome Initiative. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 859-862.	1.6	10
56	Expression and Cellular Localization of Molecules of the gp82 Family in Trypanosoma cruzi Metacyclic Trypomastigotes. Infection and Immunity, 2007, 75, 3264-3270.	2.2	10
57	Characterization of RAB-like4, the first identified RAB-like protein from Trypanosoma cruzi with GTPase activity. Biochemical and Biophysical Research Communications, 2005, 333, 808-817.	2.1	7
58	Comparative Analysis of the Secretome and Interactome of Trypanosoma cruzi and Trypanosoma rangeli Reveals Species Specific Immune Response Modulating Proteins. Frontiers in Immunology, 2020, 11, 1774.	4.8	7
59	Role of Virulence Factors of Trypanosomatids in the Insect Vector and Putative Genetic Events Involved in Surface Protein Diversity. Frontiers in Cellular and Infection Microbiology, 2022, 12, 807172.	3.9	6
60	Characterization of a Trypanosoma cruzi genomic fragment complementary to several species-specific mRNAs but different from the spliced leader sequence. Memorias Do Instituto Oswaldo Cruz, 1989, 84, 143-149.	1.6	5
61	Dual Host-Intracellular Parasite Transcriptome of Enucleated Cells Hosting <i>Leishmania amazonensis</i> : Control of Half-Life of Host Cell Transcripts by the Parasite. Infection and Immunity, 2020, 88, .	2.2	5
62	Cloning and expression of transgenes using linear vectors in Trypanosoma cruzi. International Journal for Parasitology, 2014, 44, 447-456.	3.1	4
63	Signal peptide recognition in Trypanosoma cruzi GP82 adhesin relies on its localization at protein N-terminus. Scientific Reports, 2019, 9, 7325.	3.3	4
64	Antigens of Trypanosoma cruzi with clinical interest cloned and expressed in Escherichia coli. Memorias Do Instituto Oswaldo Cruz, 1990, 85, 507-511.	1.6	4
65	Cloning and characterization of a gene encoding a novel immunodominant antigen of Trypanosoma cruzi. Note: Nucleotide Sequence data reported in this paper are available in the GenBank® data base under the accession number U24190 and U96914.1. Molecular and Biochemical Parasitology, 1997, 87, 193-204.	1.1	3
66	Mapping of B-Cell Epitopes in a Trypanosoma cruzi Immunodominant Antigen Expressed in Natural Infections. Vaccine Journal, 2005, 12, 329-333.	3.1	3
67	Heterologous Expression of a Trypanosoma cruzi Surface Glycoprotein (gp82) Indicates that Requirements for Glycosylphosphatidylinositol Anchoring are Different in Mammalian Cells and this Trypanosome. Memorias Do Instituto Oswaldo Cruz, 1999, 94, 527-530.	1.6	3
68	Organization and expression of a multigene family encoding the surface glycoproteins of Trypanosoma cruzi metacyclic trypomastigotes involved in the cell invasion. Memorias Do Instituto Oswaldo Cruz, 1999, 94, 169-171.	1.6	3
69	A novel reiterated family of transcribed oligo(A)-terminated, interspersed DNA elements in the genome of Trypanosoma cruzi. Memorias Do Instituto Oswaldo Cruz, 2003, 98, 129-133.	1.6	2
70	Identification and characterization of expressed retrotransposons in the genome of the Paracoccidioides species complex. BMC Genomics, 2015, 16, 376.	2.8	2
71	Identification of Novel Interspersed DNA Repetitive Elements in the Trypanosoma cruzi Genome Associated with the 3'UTRs of Surface Multigenic Families. Genes, 2020, 11, 1235.	2.4	2
72	Analysis and chromosomal mapping of Leishmania (Leishmania) amazonensis amastigote expressed sequence tags. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 707-711.	1.6	2

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73	Contribution of Yeast Artificial Chromosome-Based Physical Maps to the Final Assembly of the <i>Trypanosoma cruzi</i> Genome. , 2006, 349, 187-198.		1
74	Molecular Characterization of <i>Trypanosoma cruzi</i> Tc8.2 Gene Indicates Two Differential Locations for the Encoded Protein in Epimastigote and Trypomastigote Forms. Korean Journal of Parasitology, 2015, 53, 483-488.	1.3	0
75	<i>Trypanosoma cruzi</i> Genomic Variability: Array Comparative Genomic Hybridization Analysis of Clone and Parental Strain. Frontiers in Cellular and Infection Microbiology, 2022, 12, 760830.	3.9	0