Jose Franco Da Silveira

List of Publications by Year
in descending order

75 papers	3,452 citations	257450 24 h-index	144013 57 g-index
76 all docs	76 docs citations	76 times ranked	3179 citing authors

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

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19	Chromosomal polymorphism, syntenic relationships, and ploidy in the pathogenic fungus Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2003, 39, 60-69.	2.1	38
20	A novel protein phosphatase 2A (PP2A) is involved in the transformation of human protozoan parasite Trypanosoma cruzi. Biochemical Journal, 2003, 374, 647-656.	3.7	36
21	Molecular Characterization of a Novel Family of Trypanosoma cruzi Surface Membrane Proteins (TcSMP) Involved in Mammalian Host Cell Invasion. PLoS Neglected Tropical Diseases, 2015, 9, e0004216.	3.0	34
22	Calcineurin B of the human protozoan parasite Trypanosoma cruzi is involved in cell invasion. Microbes and Infection, 2008, 10, 892-900.	1.9	31
23	The Trypanosoma cruzi Genome Project: Nuclear Karyotype and Gene Mapping of Clone CL Brener. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 821-828.	1.6	26
24	Organization and expression of the gene encoding an immunodominant repetitive antigen associated to the cytoskeleton of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1995, 71, 89-98.	1.1	25
25	Expression and cellular trafficking of GP82 and GP90 glycoproteins during Trypanosoma cruzi metacyclogenesis. Parasites and Vectors, 2013, 6, 127.	2.5	25
26	A protein phosphatase 1 gamma (PP1Î³) of the human protozoan parasite Trichomonas vaginalis is involved in proliferation and cell attachment to the host cell. International Journal for Parasitology, 2012, 42, 715-727.	3.1	24
27	Detection of antibodies in sera from Chagas' disease patients using a Trypanosoma cruzi immunodominant recombinant antigen. Parasite Immunology, 1994, 16, 165-169.	1.5	23
28	Cell Adhesion and Ca 2+ Signaling Activity in Stably Transfected Trypanosoma cruzi Epimastigotes Expressing the Metacyclic Stage-Specific Surface Molecule gp82. Infection and Immunity, 2003, 71, 1561-1565.	2.2	23
29	Diagnostic performance of tests based on Trypanosoma cruzi excretedâ€“secreted antigens in an endemic area for Chagas' disease in Bolivia. Diagnostic Microbiology and Infectious Disease, 2007, 57, 229-232.	1.8	23
30	Expression of GP82 and GP90 surface glycoprotein genes of Trypanosoma cruzi during in vivo metacyclogenesis in the insect vector Rhodnius prolixus. Acta Tropica, 2008, 105, 87-91.	2.0	23
31	Molecular Characterization of Trypanosoma cruzi SAP Proteins with Host-Cell Lysosome Exocytosis-Inducing Activity Required for Parasite Invasion. PLoS ONE, 2013, 8, e83864.	2.5	23
32	A refined molecular karyotype for the reference strain of the Trypanosoma cruzi genome project (clone CL Brener) by assignment of chromosome markers. Gene, 2003, 308, 53-65.	2.2	22
33	The TryPIKinome of five human pathogenic trypanosomatids: Trypanosoma brucei, Trypanosoma cruzi, Leishmania major, Leishmania braziliensis and Leishmania infantum â€“ New tools for designing specific inhibitors. Biochemical and Biophysical Research Communications, 2009, 390, 963-970.	2.1	21
34	The Repetitive Cytoskeletal Protein H49 of Trypanosoma cruzi Is a Calpain-Like Protein Located at the Flagellum Attachment Zone. PLoS ONE, 2011, 6, e27634.	2.5	20
35	Comparative Analysis of Virulence Mechanisms of Trypanosomatids Pathogenic to Humans. Frontiers in Cellular and Infection Microbiology, 2021, 11, 669079.	3.9	20
36	The Aspergillus fumigatus Mismatch Repair MSH2 Homolog Is Important for Virulence and Azole Resistance. MSphere, 2019, 4, .	2.9	19

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37	Interclonal Variations in the Molecular Karyotype of Trypanosoma cruzi: Chromosome Rearrangements in a Single Cell-Derived Clone of the G Strain. PLoS ONE, 2013, 8, e63738.	2.5	19
38	Physical Mapping of a 670-kb Region of Chromosomes XVI and XVII from the Human Protozoan Parasite Trypanosoma cruzi Encompassing the Genes for Two Immunodominant Antigens. Genome Research, 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 Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2002, 125, 201-206.	1.1	17
40	Characterization of a RAB5 homologue in Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2005, 329, 638-645.	2.1	17
41	Posttranscriptional mechanisms involved in the control of expression of the stage-specific GP82 surface glycoprotein in Trypanosoma cruzi. Acta Tropica, 2009, 109, 152-158.	2.0	16
42	Trypanosoma cruzi: 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 Trypanosoma cruzi Repeated Element That Shows Site Specificity for Insertion. Eukaryotic Cell, 2007, 6, 1228-1238.	3.4	15
44	Regulatory elements in the 3â€² untranslated region of the GP82 glycoprotein are responsible for its stage-specific expression in Trypanosoma cruzi metacyclic trypomastigotes. Acta Tropica, 2012, 123, 230-233.	2.0	15
45	Serological diagnosis of Chagas disease with purified and defined Trypanosoma cruzi antigens. Memorias Do Instituto Oswaldo Cruz, 1999, 94, 285-288.	1.6	15
46	Trypanosoma cruzi: Genome characterization of phosphatidylinositol kinase gene family (PIK and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	14
47	The Influence of Genetic Stability onAspergillus fumigatusVirulence and Azole Resistance. G3: Genes, Genomes, Genetics, 2018, 8, 265-278.	1.8	14
48	An improved general approach for cloning and characterizing telomeres: the protozoan parasite Trypanosoma cruzi as model organism. Gene, 2002, 294, 197-204.	2.2	13
49	The diversity and expansion of the trans-sialidase gene family is a common feature in Trypanosoma cruzi clade members. Infection, Genetics and Evolution, 2016, 37, 266-274.	2.3	13
50	Identification of PDZ5, a candidate universal minicircle sequence binding protein of Trypanosoma cruzi. International Journal for Parasitology, 2003, 33, 853-858.	3.1	12
51	Genetic Structure and Expression of the Surface Glycoprotein GP82, the Main Adhesin ofTrypanosoma cruziMetacyclic Trypomastigotes. Scientific World Journal, The, 2013, 2013, 1-11.	2.1	12
52	A Cytoplasmic New Catalytic Subunit of Calcineurin in Trypanosoma cruzi and Its Molecular and Functional Characterization. PLoS Neglected Tropical Diseases, 2014, 8, e2676.	3.0	12
53	Heterologous Expression of A Trypanosoma Cruzi Surface Glycoprotein (Gp82) In Mammalian Cells Indicates the Existence of Different Signal Sequence Requirements and Processing. Journal of Eukaryotic Microbiology, 1999, 46, 557-565.	1.7	11
54	An Exploration of the Genetic Robustness Landscape of Surface Protein Families in the Human Protozoan ParasiteTrypanosoma Cruzi. IEEE Transactions on Nanobioscience, 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 Leishmania amazonensis : 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 cruzi1Note: Nucleotide Sequence data reported in this paper are available in the GenBankâ„¢ 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 3â€²UTRs 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 Trypanosoma cruzi Genome. , 2006, 349, 187-198.		1
74	Molecular Characterization of <i>Trypanosoma cruzi Tc8.2</i> 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	Trypanosoma cruzi Genomic Variability: Array Comparative Genomic Hybridization Analysis of Clone and Parental Strain. Frontiers in Cellular and Infection Microbiology, 2022, 12, 760830.	3.9	0