Daniel O Sanchez

List of Publications by Year
in descending order

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51	2,831	304743 22	182427 51
papers	citations	h-index	g-index

52	52	52	2574
all docs	docs citations	times ranked	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	AU-rich Elements in the 3â€²-Untranslated Region of a New Mucin-type Gene Family of Trypanosoma cruzi Confers mRNA Instability and Modulates Translation Efficiency. Journal of Biological Chemistry, 2000, 275, 10218-10227.	3.4	126
3	gp63 Homologues in Trypanosoma cruzi : Surface Antigens with Metalloprotease Activity and a Possible Role in Host Cell Infection. Infection and Immunity, 2003, 71, 5739-5749.	2.2	115
4	A single tyrosine differentiates active and inactive Trypanosoma cruzi trans-sialidases. Gene, 1995, 160, 123-128.	2.2	97
5	Metacaspases of Trypanosoma cruzi: Possible candidates for programmed cell death mediators. Molecular and Biochemical Parasitology, 2006, 145, 18-28.	1.1	91
6	The complete sequence of a shed acute-phase antigen of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1991, 47, 247-250.	1.1	86
7	The Trypanosoma cruzi Mucin Family Is Transcribed from Hundreds of Genes Having Hypervariable Regions. Journal of Biological Chemistry, 1998, 273, 10843-10850.	3.4	74
8	The action of Trypanosoma cruzi trans-sialidase on glycolipids and glycoproteins. FEBS Journal, 1993, 213, 765-771.	0.2	65
9	Gene Discovery through Expressed Sequence Tag Sequencing inTrypanosoma cruzi. Infection and Immunity, 1998, 66, 5393-5398.	2.2	62
10	The Protozoan Trypanosoma cruzi Has a Family of Genes Resembling the Mucin Genes of Mammalian Cells. Journal of Biological Chemistry, 1995, 270, 24146-24149.	3.4	61
11	Characterization of a lysosomal serine carboxypeptidase from Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2003, 131, 11-23.	1.1	51
12	Genomic analysis of Campylobacter fetus subspecies: identification of candidate virulence determinants and diagnostic assay targets. BMC Microbiology, 2009, 9, 86.	3.3	51
13	High Diversity in Mucin Genes and Mucin Molecules in Trypanosoma cruzi. Journal of Biological Chemistry, 1996, 271, 32078-32083.	3.4	44
14	Sequence diversity in the kinetoplast DNA minicircles of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1986, 21, 25-32.	1.1	42
15	Interaction of DNA-binding proteins with the tissue-specific human apolipoprotein-AII enhancer. Nucleic Acids Research, 1989, 17, 2283-2300.	14.5	34
16	Gene expression analysis in the hippocampal formation of tree shrews chronically treated with cortisol. Journal of Neuroscience Research, 2004, 78, 702-710.	2.9	33
17	Characterization of Farnesylated Protein Tyrosine Phosphatase TcPRL-1 from Trypanosoma cruzi. Eukaryotic Cell, 2005, 4, 1550-1561.	3.4	33
18	Differential accumulation of mutations localized in particular domains of the mucin genes expressed in the vertebrate host stage of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2004, 133, 81-91.	1.1	32

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19	Identification of novel vaccine candidates for Chagasâ€™ disease by immunization with sequential fractions of a trypomastigote cDNA expression library. Vaccine, 2009, 27, 1323-1332.	3.8	28
20	Nucleolar Localization of RNA Binding Proteins Induced by Actinomycin D and Heat Shock in Trypanosoma cruzi. PLoS ONE, 2011, 6, e19920.	2.5	26
21	Sequence of the gene for a Trypanosoma cruzi protein antigenic during the chronic phase of human Chagas disease. Molecular and Biochemical Parasitology, 1992, 54, 125-128.	1.1	24
22	The Calcineurin A homologue from Trypanosoma cruzi lacks two important regulatory domains. Acta Tropica, 2007, 101, 80-89.	2.0	24
23	TcTASV: A Novel Protein Family in Trypanosoma cruzi Identified from a Subtractive Trypomastigote cDNA Library. PLoS Neglected Tropical Diseases, 2010, 4, e841.	3.0	24
24	Sequence of a Trypanosoma rangeli gene closely related to Trypanosoma cruzi trans-sialidase. Molecular and Biochemical Parasitology, 1993, 62, 115-116.	1.1	23
25	Immune Response to Trypanosoma cruzi Shed Acute Phase Antigen in Children from an Endemic Area for Chagas' Disease in Bolivia. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 503-507.	1.6	23
26	Members of the SAPA/trans-sialidase protein family have identical N-terminal sequences and a putative signal peptide. Molecular and Biochemical Parasitology, 1993, 59, 171-174.	1.1	22
27	TcTASV-C, a Protein Family in Trypanosoma cruzi that Is Predominantly Trypomastigote-Stage Specific and Secreted to the Medium. PLoS ONE, 2013, 8, e71192.	2.5	21
28	Rapid identification of Trypanosoma cruzi isolates by â€˜dot-spotâ€™ hybridization. FEBS Letters, 1984, 168, 139-142.	2.8	19
29	Polymorphisms within minicircle sequence classes in the kinetoplast DNA of Trypanosoma cruzi clones. Molecular and Biochemical Parasitology, 1985, 16, 61-74.	1.1	19
30	Gene Discovery in the Freshwater Fish Parasite Trypanosoma carassii : Identification of trans -Sialidase-Like and Mucin-Like Genes. Infection and Immunity, 2002, 70, 7140-7144.	2.2	19
31	The protein family TcTASV-C is a novel Trypanosoma cruzi virulence factor secreted in extracellular vesicles by trypomastigotes and highly expressed in bloodstream forms. PLoS Neglected Tropical Diseases, 2018, 12, e0006475.	3.0	19
32	Depletion of the SR-Related Protein TbRRM1 Leads to Cell Cycle Arrest and Apoptosis-Like Death in Trypanosoma brucei. PLoS ONE, 2015, 10, e0136070.	2.5	18
33	Generation and analysis of expressed sequence tags from Trypanosoma cruzi trypomastigote and amastigote cDNA libraries. Molecular and Biochemical Parasitology, 2004, 136, 221-225.	1.1	16
34	A genomic scale map of genetic diversity in Trypanosoma cruzi. BMC Genomics, 2012, 13, 736.	2.8	16
35	Rapid evolution of kinetoplast DNA mini-circle subpopulations in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1984, 11, 169-178.	1.1	13
36	Severe Heat Shock Induces Nucleolar Accumulation of mRNAs in Trypanosoma cruzi. PLoS ONE, 2012, 7, e43715.	2.5	13

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37	Nucleolar Accumulation of RNA Binding Proteins Induced by ActinomycinD Is Functional in Trypanosoma cruzi and Leishmania mexicana but Not in T. brucei. PLoS ONE, 2011, 6, e24184.	2.5	13
38	Transmigration ofTrypanosoma cruzitrypomastigotes through<scp>3D</scp>cultures resembling a physiological environment. Cellular Microbiology, 2020, 22, e13207.	2.1	9
39	Repetitive sequences scattered throughout the genome of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1983, 8, 227-239.	1.1	8
40	A putative pyruvate dehydrogenase Î± subunit gene fromTrypanosoma cruzi. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1996, 1309, 53-57.	2.4	8
41	Trypanosoma cruzi: Structure and Transcription of Kinetoplast DNA Maxicircles of Cloned Stocks12. Journal of Protozoology, 1986, 33, 503-507.	0.8	7
42	Immunogenicity of the Recombinant SAPA Protein of Trypanosoma cruzi for Mice. Journal of Parasitology, 1997, 83, 76.	0.7	7
43	Gene discovery in Triatoma infestans. Parasites and Vectors, 2011, 4, 39.	2.5	7
44	Chagasâ€™ disease: TCRBV9 over-representation and sequence oligoclonality in the fine specificity of T lymphocytes in target tissues of damage. Acta Tropica, 2005, 94, 15-24.	2.0	6
45	The Trypanosoma cruzi TcTASV-C protein subfamily administrated with U-Omp19 promotes a protective response against a lethal challenge in mice. Vaccine, 2020, 38, 7645-7653.	3.8	6
46	TcTASV Antigens of Trypanosoma cruzi: Utility for Diagnosis and High Accuracy as Biomarkers of Treatment Efficacy in Pediatric Patients. American Journal of Tropical Medicine and Hygiene, 2019, 101, 1135-1138.	1.4	6
47	A Random Sequencing Approach for the Analysis of the Trypanosoma cruzi Genome: General Structure, Large Gene and Repetitive DNA Families, and Gene Discovery. Genome Research, 2000, 10, 1996-2005.	5.5	5
48	Transmigration of Trypanosoma cruzi Trypomastigotes through 3D Spheroids Mimicking Host Tissues. Methods in Molecular Biology, 2019, 1955, 165-177.	0.9	4
49	TheTrypanosoma bruceiRNAâ€Binding Protein TbRRM1 is Involved in the Transcription of a Subset ofRNAPolIIâ€Dependent Genes. Journal of Eukaryotic Microbiology, 2019, 66, 719-729.	1.7	4
50	TbRRM1 knockdown produces abnormal cell morphology and apoptotic-like death in the bloodstream form of T. brucei. Molecular and Biochemical Parasitology, 2018, 224, 1-5.	1.1	3
51	Phylogenetic and Mathematical Analyses for Investigating Putative Mother-to-Infant Transmission Chains When Only GB Virus C (Hepatitis G Virus) 5â€² Noncoding Region Sequences Are Available. Journal of Clinical Microbiology, 2003, 41, 4489-4491.	3.9	1