

Daniel O Sanchez

List of Publications by Year in descending order

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51
papers

2,831
citations

304368

22
h-index

182168

51
g-index

52
all docs

52
docs citations

52
times ranked

2574
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.	6.0	1,273
2	AU-rich Elements in the 5'-Untranslated Region of a New Mucin-type Gene Family of <i>Trypanosoma cruzi</i> Confers mRNA Instability and Modulates Translation Efficiency. <i>Journal of Biological Chemistry</i> , 2000, 275, 10218-10227.	1.6	126
3	gp63 Homologues in <i>Trypanosoma cruzi</i> : Surface Antigens with Metalloprotease Activity and a Possible Role in Host Cell Infection. <i>Infection and Immunity</i> , 2003, 71, 5739-5749.	1.0	115
4	A single tyrosine differentiates active and inactive <i>Trypanosoma cruzi</i> trans-sialidases. <i>Gene</i> , 1995, 160, 123-128.	1.0	97
5	Metacaspases of <i>Trypanosoma cruzi</i> : Possible candidates for programmed cell death mediators. <i>Molecular and Biochemical Parasitology</i> , 2006, 145, 18-28.	0.5	91
6	The complete sequence of a shed acute-phase antigen of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1991, 47, 247-250.	0.5	86
7	The <i>Trypanosoma cruzi</i> Mucin Family Is Transcribed from Hundreds of Genes Having Hypervariable Regions. <i>Journal of Biological Chemistry</i> , 1998, 273, 10843-10850.	1.6	74
8	The action of <i>Trypanosoma cruzi</i> trans-sialidase on glycolipids and glycoproteins. <i>FEBS Journal</i> , 1993, 213, 765-771.	0.2	65
9	Gene Discovery through Expressed Sequence Tag Sequencing in <i>Trypanosoma cruzi</i> . <i>Infection and Immunity</i> , 1998, 66, 5393-5398.	1.0	62
10	The Protozoan <i>Trypanosoma cruzi</i> Has a Family of Genes Resembling the Mucin Genes of Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 24146-24149.	1.6	61
11	Characterization of a lysosomal serine carboxypeptidase from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 131, 11-23.	0.5	51
12	Genomic analysis of <i>Campylobacter fetus</i> subspecies: identification of candidate virulence determinants and diagnostic assay targets. <i>BMC Microbiology</i> , 2009, 9, 86.	1.3	51
13	High Diversity in Mucin Genes and Mucin Molecules in <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 32078-32083.	1.6	44
14	Sequence diversity in the kinetoplast DNA minicircles of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1986, 21, 25-32.	0.5	42
15	Interaction of DNA-binding proteins with the tissue-specific human apolipoprotein-AII enhancer. <i>Nucleic Acids Research</i> , 1989, 17, 2283-2300.	6.5	34
16	Gene expression analysis in the hippocampal formation of tree shrews chronically treated with cortisol. <i>Journal of Neuroscience Research</i> , 2004, 78, 702-710.	1.3	33
17	Characterization of Farnesylated Protein Tyrosine Phosphatase TcPRL-1 from <i>Trypanosoma cruzi</i> . <i>Eukaryotic Cell</i> , 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 <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2004, 133, 81-91.	0.5	32

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19	Identification of novel vaccine candidates for Chagas's disease by immunization with sequential fractions of a trypomastigote cDNA expression library. <i>Vaccine</i> , 2009, 27, 1323-1332.	1.7	28
20	Nucleolar Localization of RNA Binding Proteins Induced by Actinomycin D and Heat Shock in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2011, 6, e19920.	1.1	26
21	Sequence of the gene for a <i>Trypanosoma cruzi</i> protein antigenic during the chronic phase of human Chagas disease. <i>Molecular and Biochemical Parasitology</i> , 1992, 54, 125-128.	0.5	24
22	The Calcineurin A homologue from <i>Trypanosoma cruzi</i> lacks two important regulatory domains. <i>Acta Tropica</i> , 2007, 101, 80-89.	0.9	24
23	TcTASV: A Novel Protein Family in <i>Trypanosoma cruzi</i> Identified from a Subtractive Trypomastigote cDNA Library. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e841.	1.3	24
24	Sequence of a <i>Trypanosoma rangeli</i> gene closely related to <i>Trypanosoma cruzi</i> trans-sialidase. <i>Molecular and Biochemical Parasitology</i> , 1993, 62, 115-116.	0.5	23
25	Immune Response to <i>Trypanosoma cruzi</i> Shed Acute Phase Antigen in Children from an Endemic Area for Chagas' Disease in Bolivia. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 503-507.	0.8	23
26	Members of the SAPA/trans-sialidase protein family have identical N-terminal sequences and a putative signal peptide. <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 171-174.	0.5	22
27	TcTASV-C, a Protein Family in <i>Trypanosoma cruzi</i> that Is Predominantly Trypomastigote-Stage Specific and Secreted to the Medium. <i>PLoS ONE</i> , 2013, 8, e71192.	1.1	21
28	Rapid identification of <i>Trypanosoma cruzi</i> isolates by dot-spot hybridization. <i>FEBS Letters</i> , 1984, 168, 139-142.	1.3	19
29	Polymorphisms within minicircle sequence classes in the kinetoplast DNA of <i>Trypanosoma cruzi</i> clones. <i>Molecular and Biochemical Parasitology</i> , 1985, 16, 61-74.	0.5	19
30	Gene Discovery in the Freshwater Fish Parasite <i>Trypanosoma carassii</i> : Identification of trans-Sialidase-Like and Mucin-Like Genes. <i>Infection and Immunity</i> , 2002, 70, 7140-7144.	1.0	19
31	The protein family TcTASV-C is a novel <i>Trypanosoma cruzi</i> virulence factor secreted in extracellular vesicles by trypomastigotes and highly expressed in bloodstream forms. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006475.	1.3	19
32	Depletion of the SR-Related Protein TbRRM1 Leads to Cell Cycle Arrest and Apoptosis-Like Death in <i>Trypanosoma brucei</i> . <i>PLoS ONE</i> , 2015, 10, e0136070.	1.1	18
33	Generation and analysis of expressed sequence tags from <i>Trypanosoma cruzi</i> trypomastigote and amastigote cDNA libraries. <i>Molecular and Biochemical Parasitology</i> , 2004, 136, 221-225.	0.5	16
34	A genomic scale map of genetic diversity in <i>Trypanosoma cruzi</i> . <i>BMC Genomics</i> , 2012, 13, 736.	1.2	16
35	Rapid evolution of kinetoplast DNA mini-circle subpopulations in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1984, 11, 169-178.	0.5	13
36	Severe Heat Shock Induces Nucleolar Accumulation of mRNAs in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2012, 7, e43715.	1.1	13

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37	Nucleolar Accumulation of RNA Binding Proteins Induced by ActinomycinD Is Functional in <i>Trypanosoma cruzi</i> and <i>Leishmania mexicana</i> but Not in <i>T. brucei</i> . <i>PLoS ONE</i> , 2011, 6, e24184.	1.1	13
38	Transmigration of <i>Trypanosoma cruzi</i> trypomastigotes through 3D cultures resembling a physiological environment. <i>Cellular Microbiology</i> , 2020, 22, e13207.	1.1	9
39	Repetitive sequences scattered throughout the genome of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1983, 8, 227-239.	0.5	8
40	A putative pyruvate dehydrogenase β subunit gene from <i>Trypanosoma cruzi</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1309, 53-57.	2.4	8
41	<i>Trypanosoma cruzi</i> : Structure and Transcription of Kinetoplast DNA Maxicircles of Cloned Stocks. <i>Journal of Protozoology</i> , 1986, 33, 503-507.	0.9	7
42	Immunogenicity of the Recombinant SAPA Protein of <i>Trypanosoma cruzi</i> for Mice. <i>Journal of Parasitology</i> , 1997, 83, 76.	0.3	7
43	Gene discovery in <i>Triatoma infestans</i> . <i>Parasites and Vectors</i> , 2011, 4, 39.	1.0	7
44	Chagas™ disease: TCRBV9 over-representation and sequence oligoclonality in the fine specificity of T lymphocytes in target tissues of damage. <i>Acta Tropica</i> , 2005, 94, 15-24.	0.9	6
45	The <i>Trypanosoma cruzi</i> TcTASV-C protein subfamily administrated with U-Omp19 promotes a protective response against a lethal challenge in mice. <i>Vaccine</i> , 2020, 38, 7645-7653.	1.7	6
46	TcTASV Antigens of <i>Trypanosoma cruzi</i> : Utility for Diagnosis and High Accuracy as Biomarkers of Treatment Efficacy in Pediatric Patients. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 1135-1138.	0.6	6
47	A Random Sequencing Approach for the Analysis of the <i>Trypanosoma cruzi</i> Genome: General Structure, Large Gene and Repetitive DNA Families, and Gene Discovery. <i>Genome Research</i> , 2000, 10, 1996-2005.	2.4	5
48	Transmigration of <i>Trypanosoma cruzi</i> Trypomastigotes through 3D Spheroids Mimicking Host Tissues. <i>Methods in Molecular Biology</i> , 2019, 1955, 165-177.	0.4	4
49	The <i>Trypanosoma brucei</i> RNA Binding Protein TbRRM1 is Involved in the Transcription of a Subset of RNA Polymerase II-Dependent Genes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 719-729.	0.8	4
50	TbRRM1 knockdown produces abnormal cell morphology and apoptotic-like death in the bloodstream form of <i>T. brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 224, 1-5.	0.5	3
51	Phylogenetic and Mathematical Analyses for Investigating Putative Mother-to-Infant Transmission Chains When Only GB Virus C (Hepatitis G Virus) 5' Noncoding Region Sequences Are Available. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4489-4491.	1.8	1