

Maria Isabel Nogueira Cano

List of Publications by Year in descending order

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57
papers

1,356
citations

361413

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59
times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning, Characterization, and Epitope Expression of the Major Diagnostic Antigen of <i>Paracoccidioides brasiliensis</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 4553-4560.	3.4	145
2	Molecular karyotype of clone CL Brener chosen for the <i>Trypanosoma cruzi</i> Genome Project. <i>Molecular and Biochemical Parasitology</i> , 1995, 71, 273-278.	1.1	139
3	<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
4	Telomere and Telomerase Biology. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 125, 1-40.	1.7	76
5	Cloning and characterization of a gene for the stage-specific 82-kDa surface antigen of metacyclic trypomastigotes of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 65, 161-169.	1.1	70
6	Telomerase in kinetoplastid parasitic protozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 3616-3621.	7.1	55
7	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
8	The sensitivity, specificity and efficiency values of some serological tests used in the diagnosis of paracoccidioidomycosis. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 1991, 33, 277-280.	1.1	53
9	Electrophoretic Karyotypes and Genome Sizing of the Pathogenic Fungus <i>Paracoccidioides brasiliensis</i> . <i>Journal of Clinical Microbiology</i> , 1998, 36, 742-747.	3.9	44
10	Characterization of <i>Trypanosoma cruzi</i> Sirtuins as Possible Drug Targets for Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4669-4679.	3.2	36
11	<i>Leishmania</i> replication protein A-1 binds in vivo single-stranded telomeric DNA. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 417-423.	2.1	31
12	<i>Leishmania amazonensis</i> Promastigotes Present Two Distinct Modes of Nucleus and Kinetoplast Segregation during Cell Cycle. <i>PLoS ONE</i> , 2013, 8, e81397.	2.5	30
13	Replication Protein A Presents Canonical Functions and Is Also Involved in the Differentiation Capacity of <i>Trypanosoma cruzi</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005181.	3.0	29
14	Consequences of acute oxidative stress in <i>Leishmania amazonensis</i> : From telomere shortening to the selection of the fittest parasites. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 138-150.	4.1	27
15	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
16	The putative telomerase reverse transcriptase component of <i>Leishmania amazonensis</i> : gene cloning and characterization. <i>Parasitology Research</i> , 2006, 98, 447-454.	1.6	26
17	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
18	Telomere biology of trypanosomatids: beginning to answer some questions. <i>Trends in Parasitology</i> , 2007, 23, 357-362.	3.3	24

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19	Telomere biology of Trypanosomatids: more questions than answers. <i>Trends in Parasitology</i> , 2001, 17, 425-429.	3.3	23
20	Identification of three proteins that associate in vitro with the Leishmania (<i>Leishmania</i>) amazonensis G-rich telomeric strand. <i>FEBS Journal</i> , 2004, 271, 3050-3063.	0.2	22
21	Genomic organization of telomeric and subtelomeric sequences of <i>Leishmania</i> (<i>Leishmania</i>) amazonensis. <i>International Journal for Parasitology</i> , 2005, 35, 1435-1443.	3.1	20
22	Glyceraldehyde 3-Phosphate Dehydrogenase-Telomere Association Correlates with Redox Status in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2015, 10, e0120896.	2.5	20
23	The natural absence of RPA1N domain did not impair <i>Leishmania amazonensis</i> RPA-1 participation in DNA damage response and telomere protection. <i>Parasitology</i> , 2013, 140, 547-559.	1.5	19
24	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
25	Towards the Physical Map of the <i>Trypanosoma cruzi</i> Nuclear Genome: Construction of YAC and BAC Libraries of the Reference Clone T. <i>cruzi</i> CL-Brener. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 843-852.	1.6	18
26	The <i>Leishmania amazonensis</i> TRF (TTAGGG repeat-binding factor) homologue binds and co-localizes with telomeres. <i>BMC Microbiology</i> , 2010, 10, 136.	3.3	18
27	Characterization of an interspersed repetitive DNA element in the genome of <i>Trypanosoma cruzi</i> . <i>Parasitology</i> , 1997, 115, 563-570.	1.5	17
28	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
29	Telomere-associated genes and telomeric lncRNAs are biomarker candidates in lung squamous cell carcinoma (LUSC). <i>Experimental and Molecular Pathology</i> , 2020, 112, 104354.	2.1	17
30	Sir2-Related Protein 1 from <i>Leishmania amazonensis</i> is a glycosylated NAD ⁺ -dependent deacetylase. <i>Parasitology</i> , 2011, 138, 1245-1258.	1.5	15
31	RPA ϵ 1 from <i>Leishmania amazonensis</i> (LaRPA ϵ 1) structurally differs from other eukaryote RPA ϵ 1 and interacts with telomeric DNA via its N-terminal OB-fold domain. <i>FEBS Letters</i> , 2014, 588, 4740-4748.	2.8	15
32	The Putative <i>Leishmania</i> Telomerase RNA (<i>LeishTER</i>) Undergoes Trans-Splicing and Contains a Conserved Template Sequence. <i>PLoS ONE</i> , 2014, 9, e112061.	2.5	13
33	SIRT1 Deacetylase Activity and the Maintenance of Protein Homeostasis in Response to Stress: An Overview. <i>Protein and Peptide Letters</i> , 2011, 18, 167-173.	0.9	12
34	Automated Nuclear Analysis of <i>Leishmania</i> major Telomeric Clusters Reveals Changes in Their Organization during the Parasite's Life Cycle. <i>PLoS ONE</i> , 2008, 3, e2313.	2.5	11
35	Replication Protein A ϵ 1 Has a Preference for the Telomeric G-rich Sequence in <i>Trypanosoma cruzi</i> . <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 345-356.	1.7	10
36	A multi-approach analysis highlights the relevance of RPA-1 as a telomere end-binding protein (TEBP) in <i>Leishmania amazonensis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129607.	2.4	10

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37	Exploring TERRA during Leishmania major developmental cycle and continuous in vitro passages. International Journal of Biological Macromolecules, 2021, 174, 573-586.	7.5	9
38	A Trypanosoma brucei Protein Complex That Binds G-overhangs and Co-purifies with Telomerase Activity. Journal of Biological Chemistry, 2002, 277, 896-906.	3.4	8
39	LaTBP1: A Leishmania amazonensis DNA-binding protein that associates in vivo with telomeres and GT-rich DNA using a Myb-like domain. Archives of Biochemistry and Biophysics, 2007, 465, 399-409.	3.0	8
40	LaRbp38: A Leishmania amazonensis protein that binds nuclear and kinetoplast DNAs. Biochemical and Biophysical Research Communications, 2007, 358, 854-860.	2.1	7
41	DNA and heparin chaperone the refolding of purified recombinant replication protein A subunit 1 from Leishmania amazonensis. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 119-125.	2.4	7
42	Leishmania amazonensis: Partial purification and study of the biochemical properties of the telomerase reverse transcriptase activity from promastigote-stage. Experimental Parasitology, 2011, 127, 243-248.	1.2	7
43	Utiliza�o de amino�cidos no estudo do crescimento do Paracoccidioides brasiliensis: Influ�ncia sobre o dimorfismo. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1991, 33, 319-324.	1.1	5
44	Possible Involvement of Hsp90 in the Regulation of Telomere Length and Telomerase Activity During the Leishmania amazonensis Developmental Cycle and Population Proliferation. Frontiers in Cell and Developmental Biology, 2021, 9, 713415.	3.7	5
45	Cell Cycle, Telomeres, and Telomerase in Leishmania spp.: What Do We Know So Far?. Cells, 2021, 10, 3195.	4.1	5
46	A calmodulin-like protein (LCALA) is a new Leishmania amazonensis candidate for telomere end-binding protein. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2583-2597.	2.4	4
47	Leishmania major RUVBL1 has a hexameric conformation in solution and, in the presence of RUVBL2, forms a heterodimer with ATPase activity. Archives of Biochemistry and Biophysics, 2021, 703, 108841.	3.0	4
48	Chaperones and Their Role in Telomerase Ribonucleoprotein Biogenesis and Telomere Maintenance. Current Proteomics, 2018, 16, 31-43.	0.3	4
49	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
50	Dual cellular localization of the Leishmania amazonensis Rbp38 (LaRbp38) explains its affinity for telomeric and mitochondrial DNA. Biochimie, 2019, 162, 15-25.	2.6	3
51	Homeostasis of DNA Integrity. , 2017, , 1-24.		3
52	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
53	Human Chromosome Telomeres. , 2021, , 207-243.		2
54	Purification and characterization of a novel and conserved TPR-domain protein that binds both Hsp90 and Hsp70 and is expressed in all developmental stages of Leishmania major. Biochimie, 2021, 182, 51-60.	2.6	2

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55	RPA-1 from Leishmania sp.: Recombinant Protein Expression and Purification, Molecular Modeling, and Molecular Dynamics Simulations Protocols. <i>Methods in Molecular Biology</i> , 2021, 2281, 169-191.	0.9	1
56	Pesquisa do antígeno circulante de <i>Cryptococcus neoformans</i> em líquido cefalorraqueano pelo teste de coagulinação. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 1990, 32, 456-460.	1.1	0
57	Editorial: Nuclear Genome Stability: DNA Replication, Telomere Maintenance, and DNA Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 875749.	3.7	0