Angela Kaysel Cruz

List of Publications by Year
in descending order

65 papers	3,795 citations	304602 22 h-index	128225 60 g-index
67 all docs	67 docs citations	67 times ranked	3632 citing authors

#	Article	IF	Citations
1	The Genome of the Kinetoplastid Parasite, Leishmania major. Science, 2005, 309, 436-442.	6.0	1,237
2	Comparative genomic analysis of three Leishmania species that cause diverse human disease. Nature Genetics, 2007, 39, 839-847.	9.4	648
3	Double targeted gene replacement for creating null mutants.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7170-7174.	3.3	308
4	Gene replacement in parasitic protozoa. Nature, 1990, 348, 171-173.	13.7	237
5	Plasticity in chromosome number and testing of essential genes in Leishmania by targeting.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 1599-1603.	3.3	179
6	Comparative genomics: From genotype to disease phenotype in the leishmaniases. International Journal for Parasitology, 2007, 37, 1173-1186.	1.3	103
7	Genetic nomenclature for Trypanosoma and Leishmania. Molecular and Biochemical Parasitology, 1998, 97, 221-224.	0.5	83
8	Unveiling Benznidazole's mechanism of action through overexpression of DNA repair proteins in <i>Trypanosoma cruzi</i>. Environmental and Molecular Mutagenesis, 2014, 55, 309-321.	0.9	70
9	Glutathione and the redox control system trypanothione/trypanothione reductase are involved in the protection of Leishmania spp. against nitrosothiol-induced cytotoxicity. Brazilian Journal of Medical and Biological Research, 2006, 39, 355-363.	0.7	65
10	Leishmania RNA virus exacerbates Leishmaniasis by subverting innate immunity via TLR3-mediated NLRP3 inflammasome inhibition. Nature Communications, 2019, 10, 5273.	5.8	65
11	Differential Gene Expression and Infection Profiles of Cutaneous and Mucosal Leishmania braziliensis Isolates from the Same Patient. PLoS Neglected Tropical Diseases, 2015, 9, e0004018.	1.3	44
12	Current Treatment and Drug Discovery Against Leishmania spp. and Plasmodium spp.: A Review. Current Drug Targets, 2009, 10, 178-192.	1.0	42
13	Galectinâ€3 negatively regulates the frequency and function of <scp>CD</scp>4⁺<scp>CD</scp>25⁺<scp>F</scp>oxp3⁺ regulatory <scp>T</scp> cells and influences the course of <i><scp>L</scp>eishmania major</i> infection. European Journal of Immunology, 2013, 43, 1806-1817.	1.6	41
14	Identification of Leishmania selenoproteins and SECIS element. Molecular and Biochemical Parasitology, 2006, 149, 128-134.	0.5	40
15	The Leishmania genome project: new insights into gene organization and function. Medical Microbiology and Immunology, 2001, 190, 9-12.	2.6	36
16	Genetic diversity of Leishmania amazonensisstrains isolated in northeastern Brazil as revealed by DNA sequencing, PCR-based analyses and molecular karyotyping. Parasites and Vectors, 2007, 6, 5.	1.9	36
17	Altered expression of an <scp>RBP</scp>â€associated arginine methyltransferase 7 in <scp><i>L</i></scp><i>eishmania major</i> affects parasite infection. Molecular Microbiology, 2014, 94, 1085-1102.	1.2	34
18	In Vitro Leishmanicidal Activities of Sesquiterpene Lactones from Tithonia diversifolia against Leishmania braziliensis Promastigotes and Amastigotes. Molecules, 2014, 19, 6070-6079.	1.7	32

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19	Bioactive extracts and chemical constituents of two endophytic strains of Fusarium oxysporum. Revista Brasileira De Farmacognosia, 2012, 22, 1276-1281.	0.6	31
20	Mycoleptones Aâ€“C and Polyketides from the Endophyte <i>Mycoleptodiscus indicus</i>. Journal of Natural Products, 2014, 77, 70-78.	1.5	30
21	Thymidine kinase as a negative selectable marker in Leishmania major. Molecular and Biochemical Parasitology, 1992, 51, 321-325.	0.5	29
22	Cyclic AMP dependent, constitutive thermotolerance in the adenylate cyclase-deficient cr-1 (crisp) mutant of Neurospora crassa. Current Genetics, 1988, 13, 451-454.	0.8	26
23	A survey of Leishmania braziliensis genome by shotgun sequencing. Molecular and Biochemical Parasitology, 2004, 137, 81-86.	0.5	20
24	Organization of H locus conserved repeats in Leishmania (Viannia) braziliensis correlates with lack of gene amplification and drug resistance. Parasitology Research, 2007, 101, 667-676.	0.6	20
25	Comparative transcriptomics in <i>Leishmania braziliensis</i>: disclosing differential gene expression of coding and putative noncoding RNAs across developmental stages. RNA Biology, 2019, 16, 639-660.	1.5	20
26	The H region HTBF gene mediates terbinafine resistance in Leishmania major. Molecular and Biochemical Parasitology, 2003, 131, 77-81.	0.5	17
27	Regulation of tyrosinase during the vegetative and sexual life cycles of Neurospora crassa. Archives of Microbiology, 1984, 140, 236-242.	1.0	16
28	Genome and transcriptome analyses of Leishmania spp.: opening Pandoraâ€™s box. Current Opinion in Microbiology, 2019, 52, 64-69.	2.3	16
29	Subproteomic analysis of soluble proteins of the microsomal fraction from two Leishmania species. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2006, 1, 300-308.	0.4	15
30	In silico identification of conserved intercoding sequences in Leishmania genomes: Unraveling putative cis-regulatory elements. Molecular and Biochemical Parasitology, 2012, 183, 140-150.	0.5	14
31	Leishmania major and Trypanosoma cruzi present distinct DNA damage responses. Molecular and Biochemical Parasitology, 2016, 207, 23-32.	0.5	14
32	PRMT7 regulates RNA-binding capacity and protein stability in Leishmania parasites. Nucleic Acids Research, 2020, 48, 5511-5526.	6.5	14
33	Overexpression of miniexon gene decreases virulence of Leishmania major in BALB/c mice in vivo. Molecular and Biochemical Parasitology, 2000, 107, 57-69.	0.5	12
34	Evidence of putative non-coding RNAs from Leishmania untranslated regions. Molecular and Biochemical Parasitology, 2017, 214, 69-74.	0.5	12
35	Intrinsically disordered proteins (IDPs) in trypanosomatids. BMC Genomics, 2014, 15, 1100.	1.2	11
36	Genomics and functional genomics in Leishmania and Trypanosoma cruzi: statuses, challenges and perspectives. Memorias Do Instituto Oswaldo Cruz, 2021, 116, e200634.	0.8	11

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37	Leishmania braziliensis prostaglandin F2Î± synthase impacts host infection. Parasites and Vectors, 2020, 13, 9.	1.0	10
38	Expression in E. coli and purification of the nucleoside diphosphate kinase b from Leishmania major. Protein Expression and Purification, 2006, 49, 244-250.	0.6	9
39	Characterization of anti-silencing factor 1 in Leishmania major. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 377-386.	0.8	9
40	Synthesis, Cytotoxicity and <i>In Vitro</i> Antileishmanial Activity of Naphthothiazoles. Chemical Biology and Drug Design, 2013, 81, 749-756.	1.5	9
41	Functional Study of <i>Leishmania braziliensis</i> Protein Arginine Methyltransferases (PRMTs) Reveals That PRMT1 and PRMT5 Are Required for Macrophage Infection. ACS Infectious Diseases, 2022, 8, 516-532.	1.8	9
42	Characterisation of three chromosomal ends of Leishmania major reveals transcriptional activity across arrays of reiterated and unique sequences. Molecular and Biochemical Parasitology, 2001, 114, 71-80.	0.5	8
43	Leishmania (Viannia) braziliensis transfectants overexpressing the miniexon gene lose virulence in vivo. Parasitology International, 2009, 58, 45-50.	0.6	8
44	Investigation of the pathways related to intrinsic miltefosine tolerance in Leishmania (Viannia) braziliensis clinical isolates reveals differences in drug uptake. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 11, 139-147.	1.4	8
45	Protein methyltransferase 7 deficiency in Leishmania major increases neutrophil associated pathology in murine model. PLoS Neglected Tropical Diseases, 2021, 15, e0009230.	1.3	8
46	Effective Genome Editing in Leishmania (Viannia) braziliensis Stably Expressing Cas9 and T7 RNA Polymerase. Frontiers in Cellular and Infection Microbiology, 2021, 11, 772311.	1.8	8
47	AnSau3AI restriction endonuclease isoschizomer fromBacillus cereus. FEBS Letters, 1984, 173, 99-102.	1.3	7
48	Leishmania major phosphoglycerate kinase transcript and protein stability contributes to differences in isoform expression levels. Experimental Parasitology, 2015, 159, 222-226.	0.5	7
49	The effect of location and direction of an episomal gene on the restoration of a phenotype by functional complementation in Leishmania. Molecular and Biochemical Parasitology, 2002, 122, 141-148.	0.5	6
50	A processed short transcript of Leishmania, ODD1. Molecular and Biochemical Parasitology, 2003, 127, 205-208.	0.5	6
51	Characterization of the pattern of ribosomal protein L19 production during the lifecycle of Leishmania spp.. Experimental Parasitology, 2014, 147, 60-66.	0.5	6
52	Arginine Methyltransferases as Regulators of RNA-Binding Protein Activities in Pathogenic Kinetoplastids. Frontiers in Molecular Biosciences, 2021, 8, 692668.	1.6	6
53	Base Compositional Bias in Trans-Spliced Sequences of Unknown Function in Leishmania major. Experimental Parasitology, 2002, 100, 1-5.	0.5	5
54	Characterization of LST-R533: Uncovering a novel repetitive element in Leishmania. International Journal for Parasitology, 2006, 36, 211-217.	1.3	5

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55	A novel A2 allele found in Leishmania (Leishmania) infantum chagasi. Brazilian Journal of Veterinary Parasitology, 2011, 20, 42-48.	0.2	5
56	Shuttle mutagenesis and targeted disruption of a telomere-located essential gene of Leishmania. Parasitology, 2007, 134, 511-522.	0.7	4
57	The use of Tn5 transposable elements in a gene trapping strategy for the protozoan Leishmania. International Journal for Parasitology, 2007, 37, 735-742.	1.3	4
58	Cell homeostasis in a Leishmania major mutant overexpressing the spliced leader RNA is maintained by an increased proteolytic activity. International Journal of Biochemistry and Cell Biology, 2010, 42, 1661-1671.	1.2	4
59	An improved purification procedure for Leishmania RNA virus (LRV). Brazilian Journal of Microbiology, 2014, 45, 695-698.	0.8	4
60	Sclerosing Orbital Inflammation Caused by Leishmania braziliensis. American Journal of Tropical Medicine and Hygiene, 2017, 96, 197-199.	0.6	4
61	Identification of a DNA fragment that increases mitotic stability of episomal linear DNAs in Leishmania major. International Journal for Parasitology, 2005, 35, 973-980.	1.3	3
62	Molecular biology. Clinics in Dermatology, 1996, 14, 533-540.	0.8	2
63	Disclosing 3' UTR cis-elements and putative partners involved in gene expression regulation in Leishmania spp.. PLoS ONE, 2017, 12, e0183401.	1.1	2
64	The Semisynthetic Landscape of Aphidicolin: Inspiration Towards Leishmanicidal Compounds. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
65	Insights on a putative aminoacyl-tRNA-protein transferase of Leishmania major. PLoS ONE, 2018, 13, e0203369.	1.1	0