

# Fernã;n G Agã¼ero

## List of Publications by Year in descending order

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51  
papers

1,974  
citations

257450

24  
h-index

254184

43  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of ADAT2/3 molecules in <i>Trypanosoma cruzi</i> and regulation of mucin gene expression by tRNA editing. <i>Biochemical Journal</i> , 2022, 479, 561-580.	3.7	4
2	Biological features of TcM: A new <i>Trypanosoma cruzi</i> isolate from Argentina classified into TcV lineage. <i>Current Research in Microbial Sciences</i> , 2022, 3, 100152.	2.3	0
3	Screening and Identification of Metacaspase Inhibitors: Evaluation of Inhibition Mechanism and Trypanocidal Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	1
4	Serological Approaches for <i>Trypanosoma cruzi</i> Strain Typing. <i>Trends in Parasitology</i> , 2021, 37, 214-225.	3.3	7
5	APRANK: Computational Prioritization of Antigenic Proteins and Peptides From Complete Pathogen Proteomes. <i>Frontiers in Immunology</i> , 2021, 12, 702552.	4.8	6
6	TDR Targets 6: driving drug discovery for human pathogens through intensive chemogenomic data integration. <i>Nucleic Acids Research</i> , 2020, 48, D992-D1005.	14.5	26
7	FastqCleaner: an interactive Bioconductor application for quality-control, filtering and trimming of FASTQ files. <i>BMC Bioinformatics</i> , 2019, 20, 361.	2.6	10
8	Potent and selective inhibitors for M32 metalloproteases identified from high-throughput screening of anti-kinetoplastid chemical boxes. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007560.	3.0	3
9	Molecular and antigenic characterization of <i>Trypanosoma cruzi</i> ToIT proteins. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007245.	3.0	9
10	Novel scaffolds for inhibition of Cruzipain identified from high-throughput screening of anti-kinetoplastid chemical boxes. <i>Scientific Reports</i> , 2017, 7, 12073.	3.3	27
11	Chagas Disease Diagnostic Applications. <i>Advances in Parasitology</i> , 2017, 97, 1-45.	3.2	87
12	High-resolution profiling of linear B-cell epitopes from mucin-associated surface proteins (MASPs) of <i>Trypanosoma cruzi</i> during human infections. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005986.	3.0	21
13	Next-generation ELISA diagnostic assay for Chagas Disease based on the combination of short peptidic epitopes. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005972.	3.0	31
14	A report on the International Society for Computational Biology - Latin America (ISCB-LA) Bioinformatics Conference 2016. <i>EMBnet Journal</i> , 2017, 23, 883.	0.6	1
15	A Multilayer Network Approach for Guiding Drug Repositioning in Neglected Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004300.	3.0	38
16	A report on the International Society for Computational Biology - Latin America (ISCB-LA) Bioinformatics Conference 2016. <i>EMBnet Journal</i> , 2016, 22, 883.	0.6	0
17	Mapping Antigenic Motifs in the Trypomastigote Small Surface Antigen from <i>Trypanosoma cruzi</i> . <i>Vaccine Journal</i> , 2015, 22, 304-312.	3.1	25
18	Towards High-throughput Immunomics for Infectious Diseases: Use of Next-generation Peptide Microarrays for Rapid Discovery and Mapping of Antigenic Determinants. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1871-1884.	3.8	80

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19	Neglected Tropical Diseases in the Post-Genomic Era. <i>Trends in Genetics</i> , 2015, 31, 539-555.	6.7	24
20	A Genome-Wide Analysis of Genetic Diversity in <i>Trypanosoma cruzi</i> Intergenic Regions. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2839.	3.0	8
21	Characterization of <i>Toxoplasma gondii</i> subtelomeric-like regions: identification of a long-range compositional bias that is also associated with gene-poor regions. <i>BMC Genomics</i> , 2014, 15, 21.	2.8	8
22	Genetic Profiling of the Isoprenoid and Sterol Biosynthesis Pathway Genes of <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2014, 9, e96762.	2.5	19
23	Genome-wide analysis of 3' untranslated regions supports the existence of post-transcriptional regulons controlling gene expression in trypanosomes. <i>PeerJ</i> , 2013, 1, e118.	2.0	34
24	A Simple Strain Typing Assay for <i>Trypanosoma cruzi</i> : Discrimination of Major Evolutionary Lineages from a Single Amplification Product. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1777.	3.0	64
25	TDR Targets: a chemogenomics resource for neglected diseases. <i>Nucleic Acids Research</i> , 2012, 40, D1118-D1127.	14.5	109
26	A genomic scale map of genetic diversity in <i>Trypanosoma cruzi</i> . <i>BMC Genomics</i> , 2012, 13, 736.	2.8	16
27	Diagnostic Peptide Discovery: Prioritization of Pathogen Diagnostic Markers Using Multiple Features. <i>PLoS ONE</i> , 2012, 7, e50748.	2.5	36
28	Molecular diversity of the <i>Trypanosoma cruzi</i> TcSMUG family of mucin genes and proteins. <i>Biochemical Journal</i> , 2011, 438, 303-313.	3.7	55
29	Designing and implementing cheminformatic approaches in TDR Targets Database: linking genes to chemical compounds in tropical disease causing pathogens. <i>BMC Bioinformatics</i> , 2010, 11, .	2.6	1
30	A computational pipeline for diagnostic biomarker discovery in the human pathogen <i>Trypanosoma cruzi</i> . <i>BMC Bioinformatics</i> , 2010, 11, .	2.6	2
31	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.	3.0	24
32	Identification of Attractive Drug Targets in Neglected-Disease Pathogens Using an In Silico Approach. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e804.	3.0	141
33	TcSNP: a database of genetic variation in <i>Trypanosoma cruzi</i> . <i>Nucleic Acids Research</i> , 2009, 37, D544-D549.	14.5	18
34	Genomic analysis of <i>Campylobacter fetus</i> subspecies: identification of candidate virulence determinants and diagnostic assay targets. <i>BMC Microbiology</i> , 2009, 9, 86.	3.3	51
35	Genomic-scale prioritization of drug targets: the TDR Targets database. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 900-907.	46.4	282
36	Two metalloproteases from the protozoan <i>Trypanosoma cruzi</i> belong to the M32 family, found so far only in prokaryotes. <i>Biochemical Journal</i> , 2007, 401, 399-410.	3.7	44

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37	The Calcineurin A homologue from <i>Trypanosoma cruzi</i> lacks two important regulatory domains. <i>Acta Tropica</i> , 2007, 101, 80-89.	2.0	24
38	Galectin-8 Induces Apoptosis in the CD4 <sup>high</sup> CD8 <sup>high</sup> Thymocyte Subpopulation. <i>Glycobiology</i> , 2007, 17, 1404-1412.	2.5	70
39	Metacaspases of <i>Trypanosoma cruzi</i> : Possible candidates for programmed cell death mediators. <i>Molecular and Biochemical Parasitology</i> , 2006, 145, 18-28.	1.1	91
40	TcruziDB: an integrated, post-genomics community resource for <i>Trypanosoma cruzi</i> . <i>Nucleic Acids Research</i> , 2006, 34, D428-D431.	14.5	19
41	Whole-Genome Analyses of Speciation Events in Pathogenic Brucellae. <i>Infection and Immunity</i> , 2005, 73, 8353-8361.	2.2	179
42	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.	1.1	32
43	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.	1.1	16
44	Purification, cloning, and expression of the mitochondrial malate dehydrogenase (mMDH) from protoscolices of <i>Echinococcus granulosus</i> . <i>Molecular and Biochemical Parasitology</i> , 2004, 137, 207-214.	1.1	10
45	Gene expression analysis in the hippocampal formation of tree shrews chronically treated with cortisol. <i>Journal of Neuroscience Research</i> , 2004, 78, 702-710.	2.9	33
46	Characterization of a lysosomal serine carboxypeptidase from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 131, 11-23.	1.1	51
47	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.	2.2	19
48	Gene Discovery through Genomic Sequencing of <i>Brucella abortus</i> . <i>Infection and Immunity</i> , 2001, 69, 865-868.	2.2	41
49	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.	5.5	49
50	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.	5.5	5
51	Purification and partial characterization of the cytosolic malate dehydrogenase from protoscolices of <i>Echinococcus granulosus</i> . <i>Molecular and Biochemical Parasitology</i> , 1995, 72, 247-251.	1.1	6