

# Marco Aurelio Krieger

## List of Publications by Citations

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149  
ext. papers

3,338  
ext. citations

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#	Paper	IF	Citations
143	Swine and poultry pathogens: the complete genome sequences of two strains of <i>Mycoplasma hyopneumoniae</i> and a strain of <i>Mycoplasma synoviae</i> . <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 5568-77	3.5	235
142	Current Nucleic Acid Extraction Methods and Their Implications to Point-of-Care Diagnostics. <i>BioMed Research International</i> , <b>2017</b> , 2017, 9306564	3	121
141	Characteristics of biofilm formation by <i>Candida tropicalis</i> and antifungal resistance. <i>FEMS Yeast Research</i> , <b>2008</b> , 8, 442-50	3.1	97
140	Structure and expression of two <i>Trypanosoma cruzi</i> genes encoding antigenic proteins bearing repetitive epitopes. <i>Molecular and Biochemical Parasitology</i> , <b>1989</b> , 35, 127-36	1.9	78
139	Proteomic analysis of metacyclic trypomastigotes undergoing <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Journal of Mass Spectrometry</i> , <b>2007</b> , 42, 1422-32	2.2	77
138	Evidence of P-body-like structures in <i>Trypanosoma cruzi</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 356, 1062-7	3.4	76
137	Use of recombinant antigens for the accurate immunodiagnosis of Chagas Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1992</b> , 46, 427-34	3.2	72
136	Deletion of copies of the gene encoding old yellow enzyme (TcOYE), a NAD(P)H flavin oxidoreductase, associates with in vitro-induced benznidazole resistance in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2006</b> , 146, 151-62	1.9	66
135	Quantitative proteomics of <i>Trypanosoma cruzi</i> during metacyclogenesis. <i>Proteomics</i> , <b>2012</b> , 12, 2694-703	4.8	59
134	<i>Trypanosoma cruzi</i> response to sterol biosynthesis inhibitors: morphophysiological alterations leading to cell death. <i>PLoS ONE</i> , <b>2013</b> , 8, e55497	3.7	57
133	Profiling the <i>Trypanosoma cruzi</i> phosphoproteome. <i>PLoS ONE</i> , <b>2011</b> , 6, e25381	3.7	56
132	<i>Trypanosoma cruzi</i> infection induces a global host cell response in cardiomyocytes. <i>Infection and Immunity</i> , <b>2011</b> , 79, 1855-62	3.7	53
131	Dengue virus infections: comparison of methods for diagnosing the acute disease. <i>Journal of Clinical Virology</i> , <b>2005</b> , 32, 272-7	14.5	48
130	Increased expression of iron-containing superoxide dismutase-A (TcFeSOD-A) enzyme in <i>Trypanosoma cruzi</i> population with in vitro-induced resistance to benznidazole. <i>Acta Tropica</i> , <b>2006</b> , 100, 119-32	3.2	43
129	Gene expression profiling of macrophages following mice treatment with an immunomodulator medication. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 104, 1364-77	4.7	41
128	Protein and mRNA content of TcDHH1-containing mRNPs in <i>Trypanosoma cruzi</i> . <i>FEBS Journal</i> , <b>2010</b> , 277, 3415-26	5.7	40
127	Characterization of a novel Obg-like ATPase in the protozoan <i>Trypanosoma cruzi</i> . <i>International Journal for Parasitology</i> , <b>2009</b> , 39, 49-58	4.3	40

126	Functional genomic characterization of mRNAs associated with TcPUF6, a pumilio-like protein from <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 8266-73	5.4	38
125	Isolation of an Aptamer that Binds Specifically to <i>E. coli</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0153637	3.7	38
124	Inhibition of proteasome activity blocks <i>Trypanosoma cruzi</i> growth and metacyclogenesis. <i>Parasitology Research</i> , <b>2008</b> , 103, 941-51	2.4	35
123	Cloning and characterization of the metacyclogenin gene, which is specifically expressed during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Molecular and Biochemical Parasitology</i> , <b>2001</b> , 117, 169-77	1.9	35
122	Are purified or expanded cord blood-derived CD133+ cells better at improving cardiac function?. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 119-29	3.7	34
121	Recently differentiated epimastigotes from <i>Trypanosoma cruzi</i> are infective to the mammalian host. <i>Molecular Microbiology</i> , <b>2017</b> , 104, 712-736	4.1	33
120	Stage-specific gene expression during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Genetics and Molecular Research</i> , <b>2003</b> , 2, 159-68	1.2	33
119	Natural Plasmodium infection in monkeys in the state of Rondônia (Brazilian Western Amazon). <i>Malaria Journal</i> , <b>2013</b> , 12, 180	3.6	32
118	Serodiagnosis of chronic Chagas infection by using EIE-Recombinant-Chagas-Biomanguinhos kit. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2001</b> , 96, 497-501	2.6	31
117	Characterization of a 21kDa protein from <i>Trypanosoma cruzi</i> associated with mammalian cell invasion. <i>Microbes and Infection</i> , <b>2009</b> , 11, 563-70	9.3	30
116	Differential gene expression in <i>Trypanosoma cruzi</i> populations susceptible and resistant to benznidazole. <i>Acta Tropica</i> , <b>2008</b> , 107, 59-65	3.2	30
115	Proteomic analysis reveals differentially expressed proteins in macrophages infected with <i>Leishmania amazonensis</i> or <i>Leishmania major</i> . <i>Microbes and Infection</i> , <b>2013</b> , 15, 579-91	9.3	29
114	Post-translational Modifications of <i>Trypanosoma cruzi</i> Canonical and Variant Histones. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 1167-1179	5.6	28
113	Proteomic analysis reveals the dynamic association of proteins with translated mRNAs in <i>Trypanosoma cruzi</i> . <i>Gene</i> , <b>2010</b> , 452, 72-8	3.8	27
112	Crystal structure of chagasin, the endogenous cysteine-protease inhibitor from <i>Trypanosoma cruzi</i> . <i>Journal of Structural Biology</i> , <b>2007</b> , 157, 416-23	3.4	27
111	Chagas disease diagnosis: comparative analysis of recombinant ELISA with conventional ELISA and the haemagglutination test. <i>Vox Sanguinis</i> , <b>2003</b> , 85, 165-70	3.1	27
110	A high-throughput cloning system for reverse genetics in <i>Trypanosoma cruzi</i> . <i>BMC Microbiology</i> , <b>2010</b> , 10, 259	4.5	26
109	Quantitative proteome and phosphoproteome analyses highlight the adherent population during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Scientific Reports</i> , <b>2017</b> , 7, 9899	4.9	25

108	Chronic Chagas Disease Diagnosis: A Comparative Performance of Commercial Enzyme Immunoassay Tests. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2016</b> , 94, 1034-9	3.2	24
107	Involvement of host cell heparan sulfate proteoglycan in <i>Trypanosoma cruzi</i> amastigote attachment and invasion. <i>Parasitology</i> , <b>2011</b> , 138, 593-601	2.7	24
106	Knockout of the gene encoding the kinetoplast-associated protein 3 (KAP3) in <i>Trypanosoma cruzi</i> : effect on kinetoplast organization, cell proliferation and differentiation. <i>Molecular and Biochemical Parasitology</i> , <b>2010</b> , 172, 90-8	1.9	24
105	Expression profile of interferon stimulated genes in central nervous system of mice infected with dengue virus Type-1. <i>Virology</i> , <b>2008</b> , 377, 319-29	3.6	24
104	Small-subunit rRNA processome proteins are translationally regulated during differentiation of <i>Trypanosoma cruzi</i> . <i>Eukaryotic Cell</i> , <b>2007</b> , 6, 337-45		24
103	PUMILIO-2 is involved in the positive regulation of cellular proliferation in human adipose-derived stem cells. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 217-27	4.4	22
102	<i>Trypanosoma cruzi</i> heparin-binding proteins and the nature of the host cell heparan sulfate-binding domain. <i>Microbial Pathogenesis</i> , <b>2008</b> , 44, 329-38	3.8	22
101	<i>Trypanosoma cruzi</i> : a stage-specific calpain-like protein is induced after various kinds of stress. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2008</b> , 103, 598-601	2.6	22
100	TcZFP1: a CCCH zinc finger protein of <i>Trypanosoma cruzi</i> that binds poly-C oligoribonucleotides in vitro. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 319, 169-77	3.4	22
99	Performance Assessment of Four Chimeric <i>Trypanosoma cruzi</i> Antigens Based on Antigen-Antibody Detection for Diagnosis of Chronic Chagas Disease. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161100	3.7	22
98	A comparison of two distinct murine macrophage gene expression profiles in response to <i>Leishmania amazonensis</i> infection. <i>BMC Microbiology</i> , <b>2012</b> , 12, 22	4.5	20
97	Accuracy of chimeric proteins in the serological diagnosis of chronic chagas disease - a Phase II study. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005433	4.8	20
96	Comparative performance evaluation of hepatitis C virus genotyping based on the 5' untranslated region versus partial sequencing of the NS5B region of Brazilian patients with chronic hepatitis C. <i>Virology Journal</i> , <b>2011</b> , 8, 459	6.1	19
95	Immunization with cytoplasmic repetitive antigen and flagellar repetitive antigen of <i>Trypanosoma cruzi</i> stimulates a cellular immune response in mice. <i>Parasitology</i> , <b>2004</b> , 129, 563-70	2.7	19
94	Differential gene expression during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>1999</b> , 94 Suppl 1, 165-8	2.6	19
93	Analysis of proteasomal proteolysis during the in vitro metacyclogenesis of <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e21027	3.7	19
92	The scavenger receptor MARCO is involved in <i>Leishmania major</i> infection by CBA/J macrophages. <i>Parasite Immunology</i> , <b>2009</b> , 31, 188-98	2.2	18
91	Humoral and cellular immune responses in BALB/c and C57BL/6 mice immunized with cytoplasmic (CRA) and flagellar (FRA) recombinant repetitive antigens, in acute experimental <i>Trypanosoma cruzi</i> infection. <i>Parasitology Research</i> , <b>2005</b> , 96, 154-61	2.4	18

90	Trypanosoma cruzi: a gene family encoding chitin-binding-like proteins is posttranscriptionally regulated during metacyclogenesis. <i>Experimental Parasitology</i> , <b>2001</b> , 99, 7-16	2.1	18
89	Performance Assessment of a Trypanosoma cruzi Chimeric Antigen in Multiplex Liquid Microarray Assays. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 2934-2945	9.7	17
88	Human cardiac explant-conditioned medium: soluble factors and cardiomyogenic effect on mesenchymal stem cells. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 1015-24	3.7	17
87	Development of a multiplex bead-based assay for detection of hepatitis C virus. <i>Vaccine Journal</i> , <b>2011</b> , 18, 802-6		17
86	Hepatitis C virus quantification in serum and saliva of HCV-infected patients. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2012</b> , 107, 680-3	2.6	16
85	Use of recombinant antigens for the diagnosis of Chagas disease and blood bank screening. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>1990</b> , 85, 513-7	2.6	16
84	A ready-to-use duplex qPCR to detect Leishmania infantum DNA in naturally infected dogs. <i>Veterinary Parasitology</i> , <b>2017</b> , 246, 100-107	2.8	15
83	Splenic architecture disruption and parasite-induced splenocyte activation and anergy in Plasmodium falciparum-infected Saimiri sciureus monkeys. <i>Malaria Journal</i> , <b>2015</b> , 14, 128	3.6	15
82	Molecular characterization of the Trypanosoma cruzi specific RNA binding protein TcRBP40 and its associated mRNAs. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 420, 302-7	3.4	15
81	Evidence for an ATP-sensitive K <sup>+</sup> channel in mitoplasts isolated from Trypanosoma cruzi and Crithidia fasciculata. <i>International Journal for Parasitology</i> , <b>2009</b> , 39, 955-61	4.3	15
80	Use of the EIE-recombinant-Chagas-biomanguinhos kit to monitor cure of human Chagas disease. <i>Journal of Clinical Laboratory Analysis</i> , <b>2002</b> , 16, 132-6	3	15
79	Development of hepatitis C virus genotyping by real-time PCR based on the NS5B region. <i>PLoS ONE</i> , <b>2010</b> , 5, e10150	3.7	15
78	Development of a magnetic separation method to capture sepsis associated bacteria in blood. <i>Journal of Microbiological Methods</i> , <b>2016</b> , 128, 96-101	2.8	14
77	The zinc finger protein TcZFP2 binds target mRNAs enriched during Trypanosoma cruzi metacyclogenesis. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2012</b> , 107, 790-9	2.6	14
76	Recombinant antigen production for assays of intradermoreaction for diagnosis and surveillance of tuberculosis. <i>Journal of Biotechnology</i> , <b>2011</b> , 156, 56-8	3.7	14
75	Viability study of a multiplex diagnostic platform for Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2009</b> , 104 Suppl 1, 136-41	2.6	14
74	ProtozoaDB: dynamic visualization and exploration of protozoan genomes. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, D547-52	20.1	13
73	Brazilian Response to Global End TB Strategy : The National Tuberculosis Research Agenda. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2016</b> , 49, 135-45	1.5	13

72	Highly Accurate Chimeric Proteins for the Serological Diagnosis of Chronic Chagas Disease: A Latent Class Analysis. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 99, 1174-1179	3.2	13
71	<i>Trypanosoma cruzi</i> transcriptome during axenic epimastigote growth curve. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2018</b> , 113, e170404	2.6	13
70	Evolutionary analyses of myosin genes in trypanosomatids show a history of expansion, secondary losses and neofunctionalization. <i>Scientific Reports</i> , <b>2018</b> , 8, 1376	4.9	12
69	Quantitative phosphoproteome and proteome analyses emphasize the influence of phosphorylation events during the nutritional stress of <i>Trypanosoma cruzi</i> : the initial moments of in vitro metacyclogenesis. <i>Cell Stress and Chaperones</i> , <b>2019</b> , 24, 927-936	4	12
68	A novel hepatitis C virus genotyping method based on liquid microarray. <i>PLoS ONE</i> , <b>2010</b> , 5, e12822	3.7	12
67	Proof of Concept for a Portable Platform for Molecular Diagnosis of Tropical Diseases: On-Chip Ready-to-Use Real-Time Quantitative PCR for Detection of <i>Trypanosoma cruzi</i> or <i>Plasmodium</i> spp. <i>Journal of Molecular Diagnostics</i> , <b>2019</b> , 21, 839-851	5.1	10
66	Electrospray induced surface activation of polystyrene microbeads for diagnostic applications. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2725-2731	7.3	10
65	Comparison of DNA extraction methods used to detect bacterial and yeast DNA from spiked whole blood by real-time PCR. <i>Journal of Microbiological Methods</i> , <b>2017</b> , 140, 61-66	2.8	10
64	Characterization of TcSTI-1, a homologue of stress-induced protein-1, in <i>Trypanosoma cruzi</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2011</b> , 106, 70-7	2.6	10
63	In vitro formation of capillary tubules from human umbilical cord blood cells with perspectives for therapeutic application. <i>Brazilian Journal of Cardiovascular Surgery</i> , <b>2008</b> , 23, 467-73	1.1	10
62	<i>Trypanosoma cruzi</i> : molecular characterization of an RNA binding protein differentially expressed in the parasite life cycle. <i>Experimental Parasitology</i> , <b>2007</b> , 117, 99-105	2.1	10
61	High Efficiency Binding Aptamers for a Wide Range of Bacterial Sepsis Agents. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 838-843	3.3	10
60	Expression and polymorphism of a <i>Trypanosoma cruzi</i> gene encoding a cytoplasmic repetitive antigen. <i>Experimental Parasitology</i> , <b>1990</b> , 70, 247-54	2.1	9
59	Electrospinning induced surface activation (EISA) of highly porous PMMA microfiber mats for HIV diagnosis. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 6004-6011	7.3	9
58	Effect of ionizing radiation exposure on <i>Trypanosoma cruzi</i> ubiquitin-proteasome system. <i>Molecular and Biochemical Parasitology</i> , <b>2017</b> , 212, 55-67	1.9	8
57	Ultra-sensitive detection of <i>Mycobacterium leprae</i> : DNA extraction and PCR assays. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008325	4.8	8
56	Development of a New Lateral Flow Assay Based on IBMP-8.1 and IBMP-8.4 Chimeric Antigens to Diagnose Chagas Disease. <i>BioMed Research International</i> , <b>2020</b> , 2020, 1803515	3	8
55	Genomic and phylogenetic evidence of VIPER retrotransposon domestication in trypanosomatids. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2016</b> , 111, 765-769	2.6	8



54	High accuracy of an ELISA test based in a flagella antigen of Leishmania in serodiagnosis of canine visceral leishmaniasis with potential to improve the control measures in Brazil - A Phase II study. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006871	4.8	8
53	De novo design of immunoreactive conformation-specific HIV-1 epitopes based on Top7 scaffold. <i>RSC Advances</i> , <b>2013</b> , 3, 11790	3.7	7
52	Internal control for real-time polymerase chain reaction based on MS2 bacteriophage for RNA viruses diagnostics. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2017</b> , 112, 339-347	2.6	7
51	Trypanosoma cruzi: cloning and characterization of two genes whose expression is up-regulated in metacyclic trypomastigotes. <i>Acta Tropica</i> , <b>2004</b> , 90, 171-9	3.2	7
50	A clinical scoring system to predict long-term arthralgia in Chikungunya disease: A cohort study. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008467	4.8	7
49	The MAP kinase MAPKLK1 is essential to Trypanosoma brucei proliferation and regulates proteins involved in mRNA metabolism. <i>Journal of Proteomics</i> , <b>2017</b> , 154, 118-127	3.9	6
48	Identification and functional characterization of a novel arginine/ornithine transporter, a member of a cationic amino acid transporter subfamily in the Trypanosoma cruzi genome. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 346	4	6
47	Epidemiological profile of Zika, Dengue and Chikungunya virus infections identified by medical and molecular evaluations in Rondonia, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , <b>2019</b> , 61, e40	2.2	6
46	Proteomic Analysis Reveals a Predominant NFE2L2 (NRF2) Signature in Canonical Pathway and Upstream Regulator Analysis of -Infected Macrophages. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1362	8.4	6
45	pTcGW plasmid vectors 1.1 version: a versatile tool for Trypanosoma cruzi gene characterisation. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2015</b> , 110, 687-90	2.6	6
44	Expression profile and subcellular localization of HslV, the proteasome related protease from Trypanosoma cruzi. <i>Experimental Parasitology</i> , <b>2012</b> , 130, 171-7	2.1	6
43	DNA sequencing of 13 cytokine gene fragments of Aotus infulatus and Saimiri sciureus, two non-human primate models for malaria. <i>Cytokine</i> , <b>2010</b> , 52, 151-5	4	6
42	Enhanced target-specific signal detection using an Escherichia coli lysate in multiplex microbead immunoassays with E. coli-derived recombinant antigens. <i>Journal of Immunological Methods</i> , <b>2016</b> , 435, 17-26	2.5	6
41	LM14 defined medium enables continuous growth of Trypanosoma cruzi. <i>BMC Microbiology</i> , <b>2014</b> , 14, 238	4.5	5
40	Trypanosoma cruzi: identification of DNA targets of the nuclear periphery coiled-coil protein TcNUP-1. <i>Experimental Parasitology</i> , <b>2011</b> , 127, 147-52	2.1	5
39	Cloning and characterization of a gene encoding a putative protein associated with U3 small nucleolar ribonucleoprotein in Trypanosoma cruzi. <i>Molecular and Biochemical Parasitology</i> , <b>2003</b> , 126, 113-7	1.9	5
38	Trypanosoma cruzi specific mRNA amplification by in vitro transcription improves parasite transcriptomics in host-parasite RNA mixtures. <i>BMC Genomics</i> , <b>2017</b> , 18, 793	4.5	4
37	Involvement of STI1 protein in the differentiation process of Trypanosoma cruzi. <i>Parasitology International</i> , <b>2018</b> , 67, 131-139	2.1	4

36	Development of bioprocess for the production of purified protein derivative with Brazilian strains of <i>Mycobacterium tuberculosis</i> for diagnosis use. <i>Journal of Biotechnology</i> , <b>2007</b> , 127, 278-87	3.7	4
35	<i>Trypanosoma cruzi</i> flagellar repetitive antigen expression by recombinant baculovirus: towards an improved diagnostic reagent for Chagas disease. <i>Nature Biotechnology</i> , <b>1992</b> , 10, 1474-7	44.5	4
34	Preliminary multiplex microarray IgG immunoassay for the diagnosis of toxoplasmosis and rubella. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2017</b> , 112, 428-436	2.6	4
33	Development of a quantitative one-step multiplex RT-qPCR assay for the detection of SARS-CoV-2 in a biological matrix. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 104, 373-378	10.5	4
32	Sera of chagasic patients react with antigens from the tomato parasite <i>Phytomonas serpens</i> . <i>Biological Research</i> , <b>2010</b> , 43, 233-41	7.6	4
31	Surveillance of donated blood during the 2016 arbovirus outbreak in Brazil. <i>Journal of Medical Virology</i> , <b>2018</b> , 90, 1406-1410	19.7	3
30	Mitogen-Activated Protein Kinase Kinase 5 Regulates Proliferation and Biosynthetic Processes in Procyclic Forms of <i>Trypanosoma brucei</i> . <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 108-118	5.6	3
29	Development of a melting-curve based multiplex real-time PCR assay for simultaneous detection of <i>Streptococcus agalactiae</i> and genes encoding resistance to macrolides and lincosamides. <i>BMC Pregnancy and Childbirth</i> , <b>2018</b> , 18, 126	3.2	3
28	Study of and in kinetoplasts and the evolution of tyrosine recombinase retrotransposons. <i>Mobile DNA</i> , <b>2019</b> , 10, 34	4.4	3
27	Sera of Chagasic patients react with antigens from the tomato parasite <i>Phytomonas serpens</i> . <i>Biological Research</i> , <b>2010</b> , 43,	7.6	3
26	Characterization of the <i>Trypanosoma cruzi</i> ortholog of the SBDS protein reveals an intrinsically disordered extended C-terminal region showing RNA-interacting activity. <i>Biochimie</i> , <b>2009</b> , 91, 475-83	4.6	3
25	Initial characterization of a recombinant kynureninase from <i>Trypanosoma cruzi</i> identified from an EST database. <i>Gene</i> , <b>2009</b> , 448, 1-6	3.8	3
24	Molecular characterization of type II topoisomerase in the endosymbiont-bearing Trypanosomatid <i>Blastocrithidia culicis</i> . <i>FEMS Microbiology Letters</i> , <b>2006</b> , 257, 163-70	2.9	3
23	Towards the phosphoproteome of trypanosomatids. <i>Sub-Cellular Biochemistry</i> , <b>2014</b> , 74, 351-78	5.5	3
22	Phylogenetic Characterization of Arboviruses in Patients Suffering from Acute Fever in Rondônia, Brazil. <i>Viruses</i> , <b>2020</b> , 12,	6.2	3
21	Assessment of Liaison XL Murex Chagas diagnostic performance in blood screening for Chagas disease using a reference array of chimeric antigens. <i>Transfusion</i> , <b>2021</b> , 61, 2701-2709	2.9	3
20	Detection of IgG3 antibodies specific to the human immunodeficiency virus type 1 (HIV-1) p24 protein as marker for recently acquired infection. <i>Epidemiology and Infection</i> , <b>2018</b> , 146, 1293-1300	4.3	3
19	Performance of <i>Treponema pallidum</i> recombinant proteins in the serological diagnosis of syphilis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234043	3.7	2



18	Trypanosoma cruzi Infection Induces a Global Host Cell Response in Cardiomyocytes. <i>Infection and Immunity</i> , <b>2011</b> , 79, 3471-3471	3.7	2
17	Assessment of clinical and epidemiological characteristics of patients with and without sepsis in intensive care units of a tertiary hospital. <i>Einstein (Sao Paulo, Brazil)</i> , <b>2019</b> , 17, eAO4476	1.2	2
16	Influence of Scaffold Stability and Electrostatics on Top7-Based Engineered Helical HIV-1 Epitopes. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 94-103	0.9	2
15	External Control Viral-Like Particle Construction for Detection of Emergent Arboviruses by Real-Time Reverse-Transcription PCR. <i>BioMed Research International</i> , <b>2019</b> , 2019, 2560401	3	2
14	Knocking Down TcNTPDase-1 Gene Reduces Infectivity of. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 434	5.7	2
13	Stability Assessment of Four Chimeric Proteins for Human Chagas Disease Immunodiagnosis. <i>Biosensors</i> , <b>2021</b> , 11,	5.9	2
12	Developing self-generated calibration curves using a capillary-driven wax-polyester lab on a chip device and thermal gates. <i>Microchemical Journal</i> , <b>2019</b> , 146, 708-712	4.8	1
11	In silico analysis of amino acid variation in human respiratory syncytial virus: insights into immunodiagnosics. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2017</b> , 112, 655-663	2.6	1
10	Identification, molecular and functional characterization of calmodulin gene of <i>Phytomonas serpens</i> 15T that shares high similarity with its pathogenic counterparts <i>Trypanosoma cruzi</i> . <i>Protein Journal</i> , <b>2011</b> , 30, 212-9	3.9	1
9	<i>Trypanosoma cruzi</i> : subtractive hybridization as a molecular strategy to generate new targets to distinguish groups and hybrids. <i>Experimental Parasitology</i> , <b>2007</b> , 117, 178-87	2.1	1
8	Demonstration of a fast and easy sample-to-answer protocol for tuberculosis screening in point-of-care settings: A proof of concept study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242408	3.7	1
7	Cloning of <i>Trypanosoma cruzi</i> stage specific genes. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>1987</b> , 82, 252-259	5.9	1
6	Development and validation of a multiplex real-time qPCR assay using GMP-grade reagents for leprosy diagnosis.. <i>PLoS Neglected Tropical Diseases</i> , <b>2022</b> , 16, e0009850	4.8	1
5	Distribution of Merlin in eukaryotes and first report of DNA transposons in kinetoplastid protists. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251133	3.7	0
4	Ready-to-use qPCR for detection of or in food matrices. <i>Food and Waterborne Parasitology</i> , <b>2021</b> , 22, e00111	6	0
3	Optimized broad-range real-time PCR-based method for bacterial screening of platelet concentrates. <i>Brazilian Journal of Biology</i> , <b>2021</b> , 81, 692-700	1.5	0
2	Performance of Chimeric Antigens in Serological Screening for Chagas Disease in Blood Banks.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 852864	4.9	0
1	Crystallization and preliminary X-ray diffraction analysis of Q4DV70 from <i>Trypanosoma cruzi</i> , a hypothetical protein with a putative thioredoxin domain. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2009</b> , 65, 641-4	3.7	0

