

OtaçÃ-lio Cruz Moreira

List of Publications by Year in descending order

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93
papers

1,981
citations

218677

26
h-index

302126

39
g-index

96
all docs

96
docs citations

96
times ranked

2505
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of miR-145-5p and miR-146b-5p levels is linked to reduced parasite load in H9C2 Trypanosoma cruzi infected cardiomyoblasts. <i>Scientific Reports</i> , 2022, 12, 1436.	3.3	8
2	Phenotypic investigation of 4-nitrophenylacetyl- and 4-nitro-1H-imidazolyl-based compounds as antileishmanial agents. <i>Parasitology</i> , 2022, , 1-21.	1.5	3
3	RNA as a feasible marker of Trypanosoma cruzi viability during the parasite interaction with the triatomine vector Rhodnius prolixus (Hemiptera, Triatominae). <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010535.	3.0	0
4	Colonization and genetic diversification processes of Leishmania infantum in the Americas. <i>Communications Biology</i> , 2021, 4, 139.	4.4	32
5	Memory impairment in chronic experimental Chagas disease: Benznidazole therapy reversed cognitive deficit in association with reduction of parasite load and oxidative stress in the nervous tissue. <i>PLoS ONE</i> , 2021, 16, e0244710.	2.5	14
6	Benznidazole modulates release of inflammatory mediators by cardiac spheroids infected with Trypanosoma cruzi. <i>Experimental Parasitology</i> , 2021, 221, 108061.	1.2	5
7	Validation of a novel multiplex real-time PCR assay for Trypanosoma cruzi detection and quantification in aÃ§ai pulp. <i>PLoS ONE</i> , 2021, 16, e0246435.	2.5	8
8	Toward the Establishment of a Single Standard Curve for Quantification of Trypanosoma cruzi Natural Populations Using a Synthetic Satellite Unit DNAÃ§ Sequence. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 521-531.	2.8	7
9	6Ã§MethylÃ§7Ã§ArylÃ§7Ã§Deazapurine Nucleosides as AntiÃ§Trypanosoma cruzi Agents: StructureÃ§Activity Relationship and inÃ§vivo Efficacy. <i>ChemMedChem</i> , 2021, 16, 2231-2253.	3.2	10
10	Treatment With Suboptimal Dose of Benznidazole Mitigates Immune Response Molecular Pathways in Mice With Chronic Chagas Cardiomyopathy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 692655.	3.9	9
11	A Cytokine Network Balance Influences the Fate of LeishmaniaÃ§(Viannia)Ã§brasiliensis Infection in a Cutaneous Leishmaniasis Hamster Model. <i>Frontiers in Immunology</i> , 2021, 12, 656919.	4.8	5
12	Disulfiram repurposing in the combined chemotherapy of Chagas disease. <i>Medicine, Case Reports and Study Protocols</i> , 2021, 2, e0110.	0.1	5
13	Effects of Selenium treatment on cardiac function in Chagas heart disease: Results from the STCC randomized Trial. <i>EClinicalMedicine</i> , 2021, 40, 101105.	7.1	11
14	Genotypic Trypanosoma cruzi distribution and parasite load differ ecotypically and according to parasite genotypes in Triatoma brasiliensis from endemic and outbreak areas in Northeastern Brazil. <i>Acta Tropica</i> , 2021, 222, 106054.	2.0	7
15	Physical Exercise Promotes a Reduction in Cardiac Fibrosis in the Chronic Indeterminate Form of Experimental Chagas Disease. <i>Frontiers in Immunology</i> , 2021, 12, 712034.	4.8	4
16	7-Aryl-7-deazapurine 3Ã§2-deoxyribonucleoside derivative as a novel lead for ChagasÃ§ disease therapy: in vitro and in vivo pharmacology. <i>JAC-Antimicrobial Resistance</i> , 2021, 3, dlab168.	2.1	7
17	Validation of a novel molecular assay to the diagnostic of COVID-19 based on real time PCR with high resolution melting. <i>PLoS ONE</i> , 2021, 16, e0260087.	2.5	12
18	The induction of host cell autophagy triggers defense mechanisms against Trypanosoma cruzi infection in vitro. <i>European Journal of Cell Biology</i> , 2020, 99, 151060.	3.6	3

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19	<i>In Vitro</i> and <i>In Vivo</i> Evaluation of an Adamantyl-Based Phenyl Sulfonyl Acetamide against Cutaneous Leishmaniasis Models of <i>Leishmania amazonensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	3
20	Comparison and clinical validation of qPCR assays targeting <i>Leishmania</i> 18S rDNA and HSP70 genes in patients with American Tegumentary Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008750.	3.0	16
21	Role of FAK signaling in chagasic cardiac hypertrophy. <i>Brazilian Journal of Infectious Diseases</i> , 2020, 24, 386-397.	0.6	7
22	After Experimental <i>Trypanosoma cruzi</i> Infection, Dying Hepatic CD3+TCR β ⁺ B220+ T Lymphocytes Are Rescued from Death by Peripheral T Cells and Become Activated. <i>Pathogens</i> , 2020, 9, 717.	2.8	2
23	Effect of Posaconazole in an in vitro model of cardiac fibrosis induced by <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2020, 238, 111283.	1.1	5
24	Knocking Down TcNTPDase-1 Gene Reduces in vitro Infectivity of <i>Trypanosoma cruzi</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 434.	3.5	5
25	Human acute Chagas disease: changes in factor VII, activated protein C and hepatic enzymes from patients of oral outbreaks in Pará State (Brazilian Amazon). <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e190364.	1.6	6
26	Association between <i>Trypanosoma cruzi</i> DTU TcII and chronic Chagas disease clinical presentation and outcome in an urban cohort in Brazil. <i>PLoS ONE</i> , 2020, 15, e0243008.	2.5	12
27	Title is missing!. , 2020, 15, e0243008.		0
28	Title is missing!. , 2020, 15, e0243008.		0
29	Title is missing!. , 2020, 15, e0243008.		0
30	Title is missing!. , 2020, 15, e0243008.		0
31	Title is missing!. , 2020, 15, e0243008.		0
32	Title is missing!. , 2020, 15, e0243008.		0
33	TGF- β 2 inhibitor therapy decreases fibrosis and stimulates cardiac improvement in a pre-clinical study of chronic Chagas's heart disease. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007602.	3.0	64
34	The in vitro <i>Mycobacterium bovis</i> BCG Moreau infection of human monocytes that induces Caspase-1 expression, release and dependent cell death is mostly reliant upon cell integrity. <i>Journal of Inflammation</i> , 2019, 16, 18.	3.4	2
35	Multiplex qPCR facilitates identification of betaherpesviruses in patients with acute liver failure of unknown etiology. <i>BMC Infectious Diseases</i> , 2019, 19, 773.	2.9	9
36	Proof of Concept for a Portable Platform for Molecular Diagnosis of Tropical Diseases. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 839-851.	2.8	20

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37	Impact of levamisole in co-administration with benznidazole on experimental Chagas disease. <i>Parasitology</i> , 2019, 146, 1055-1062.	1.5	7
38	Targeting the Hexosamine Biosynthetic Pathway Prevents Plasmodium Developmental Cycle and Disease Pathology in Vertebrate Host. <i>Frontiers in Microbiology</i> , 2019, 10, 305.	3.5	3
39	A prophylactic $\hat{\pm}$ -Gal-based glycovaccine effectively protects against murine acute Chagas disease. <i>Npj Vaccines</i> , 2019, 4, 13.	6.0	40
40	Assessing Parasite Load in Chagas Disease Patients by Quantitative Multiplex Real-Time PCR. <i>Methods in Molecular Biology</i> , 2019, 1955, 215-225.	0.9	4
41	Genotyping of <i>Trypanosoma cruzi</i> from Clinical Samples by Multilocus Conventional PCR. <i>Methods in Molecular Biology</i> , 2019, 1955, 227-238.	0.9	10
42	Analytical validation of real-time quantitative PCR assays for optimum diagnosis of vivax malaria. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e180350.	1.6	3
43	Successful Aspects of the Coadministration of Sterol 14 $\hat{\pm}$ -Demethylase Inhibitor VFV and Benznidazole in Experimental Mouse Models of Chagas Disease Caused by the Drug-Resistant Strain of <i>Trypanosoma cruzi</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 365-371.	3.8	14
44	Development of Quantitative Real-Time PCR (TaqMan Triplex System) for the Diagnosis and Evaluation of Therapeutic Efficacy in Chagas Disease. , 2019, , .		0
45	Detection and genotyping of <i>Trypanosoma cruzi</i> from a $\hat{\text{A}}$ products commercialized in Rio de Janeiro and Par $\hat{\text{A}}$, Brazil. <i>Parasites and Vectors</i> , 2018, 11, 233.	2.5	22
46	The applicability of real-time PCR in the diagnostic of cutaneous leishmaniasis and parasite quantification for clinical management: Current status and perspectives. <i>Acta Tropica</i> , 2018, 184, 29-37.	2.0	35
47	Inhibition of TGF- $\hat{2}$ pathway reverts extracellular matrix remodeling in <i>T. cruzi</i> -infected cardiac spheroids. <i>Experimental Cell Research</i> , 2018, 362, 260-267.	2.6	15
48	Exploring the parasite load and molecular diversity of <i>Trypanosoma cruzi</i> in patients with chronic Chagas disease from different regions of Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006939.	3.0	44
49	Monitoring the parasite load in chronic Chagas disease patients: comparison between blood culture and quantitative real time PCR. <i>PLoS ONE</i> , 2018, 13, e0208133.	2.5	29
50	The NF- $\hat{\text{B}}$ Inhibitor, IMD-0354, Affects Immune Gene Expression, Bacterial Microbiota and <i>Trypanosoma cruzi</i> Infection in <i>Rhodnius prolixus</i> Midgut. <i>Frontiers in Physiology</i> , 2018, 9, 1189.	2.8	22
51	Sphingosine-1-Phosphate Receptor 1 Is Involved in Non-Obese Diabetic Mouse Thymocyte Migration Disorders. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1446.	4.1	9
52	Antitrypanosomal Activity of Sterol 14 $\hat{\pm}$ -Demethylase (CYP51) Inhibitors VNI and VFV in the Swiss Mouse Models of Chagas Disease Induced by the <i>Trypanosoma cruzi</i> Y Strain. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	33
53	The effect of the dengue non-structural 1 protein expression over the HepG2 cell proteins in a proteomic approach. <i>Journal of Proteomics</i> , 2017, 152, 339-354.	2.4	6
54	Development of conventional and real-time multiplex PCR-based assays for estimation of natural infection rates and <i>Trypanosoma cruzi</i> load in triatomine vectors. <i>Parasites and Vectors</i> , 2017, 10, 404.	2.5	23

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55	Unraveling Chagas disease transmission through the oral route: Gateways to <i>Trypanosoma cruzi</i> infection and target tissues. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005507.	3.0	61
56	An Î±-Gal-containing neoglycoprotein-based vaccine partially protects against murine cutaneous leishmaniasis caused by <i>Leishmania major</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006039.	3.0	40
57	Priming astrocytes with TNF enhances their susceptibility to <i>Trypanosoma cruzi</i> infection and creates a self-sustaining inflammatory milieu. <i>Journal of Neuroinflammation</i> , 2017, 14, 182.	7.2	17
58	Sphingosine-1-Phosphate Induces Dose-Dependent Chemotaxis or Fugetaxis of T-ALL Blasts through S1P1 Activation. <i>PLoS ONE</i> , 2016, 11, e0148137.	2.5	10
59	Combination Chemotherapy with Suboptimal Doses of Benznidazole and Pentoxifylline Sustains Partial Reversion of Experimental Chagas' Heart Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4297-4309.	3.2	48
60	Impact of <i>Trypanosoma cruzi</i> on antimicrobial peptide gene expression and activity in the fat body and midgut of <i>Rhodnius prolixus</i> . <i>Parasites and Vectors</i> , 2016, 9, 119.	2.5	53
61	Development of real-time PCR assays for evaluation of immune response and parasite load in golden hamster (<i>Mesocricetus auratus</i>) infected by <i>Leishmania (Viannia) braziliensis</i> . <i>Parasites and Vectors</i> , 2016, 9, 361.	2.5	22
62	<i>In Vitro</i> and <i>In Vivo</i> Trypanosomicidal Action of Novel Arylimidamides against <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2425-2434.	3.2	21
63	Mechanisms of growth inhibition of <i>Phytomonas serpens</i> by the alkaloids tomatine and tomatidine. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 48-55.	1.6	28
64	Chelerythrine inhibits the sarco/endoplasmic reticulum Ca ²⁺ -ATPase and results in cell Ca ²⁺ imbalance. <i>Archives of Biochemistry and Biophysics</i> , 2015, 570, 58-65.	3.0	10
65	New approaches for the standardization and validation of a real-time qPCR assay using TaqMan probes for quantification of yellow fever virus on clinical samples with high quality parameters. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1865-1871.	3.3	33
66	A Human Type 5 Adenovirus-Based <i>Trypanosoma cruzi</i> Therapeutic Vaccine Re-programs Immune Response and Reverses Chronic Cardiomyopathy. <i>PLoS Pathogens</i> , 2015, 11, e1004594.	4.7	88
67	Intranasal Vaccination with Leishmanial Antigens Protects Golden Hamsters (<i>Mesocricetus auratus</i>) Against <i>Leishmania (Viannia) braziliensis</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3439.	3.0	21
68	Pentoxifylline Reverses Chronic Experimental Chagasic Cardiomyopathy in Association with Repositioning of Abnormal CD8+ T-Cell Response. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003659.	3.0	51
69	Usefulness of real time PCR to quantify parasite load in serum samples from chronic Chagas disease patients. <i>Parasites and Vectors</i> , 2015, 8, 154.	2.5	48
70	Different Therapeutic Outcomes of Benznidazole and VNI Treatments in Different Genders in Mouse Experimental Models of <i>Trypanosoma cruzi</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7564-7570.	3.2	17
71	Analytical Validation of Quantitative Real-Time PCR Methods for Quantification of <i>Trypanosoma cruzi</i> DNA in Blood Samples from Chagas Disease Patients. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 605-615.	2.8	153
72	<i>Trypanosoma cruzi</i> Infection through the Oral Route Promotes a Severe Infection in Mice: New Disease Form from an Old Infection?. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003849.	3.0	58

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73	Selenium Treatment and Chagasic Cardiopathy (STCC): study protocol for a double-blind randomized controlled trial. <i>Trials</i> , 2014, 15, 388.	1.6	19
74	Nucleoside triphosphate diphosphohydrolase1 (TcNTPDase-1) gene expression is increased due to heat shock and in infective forms of <i>Trypanosoma cruzi</i> . <i>Parasites and Vectors</i> , 2014, 7, 463.	2.5	9
75	Tumor Necrosis Factor Is a Therapeutic Target for Immunological Unbalance and Cardiac Abnormalities in Chronic Experimental Chagasâ€™ Heart Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-16.	3.0	65
76	Effects of Cholinergic Stimulation with Pyridostigmine Bromide on Chronic Chagasic Cardiomyopathic Mice. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	7
77	Comparative Evaluation of Lesion Development, Tissue Damage, and Cytokine Expression in Golden Hamsters (<i>Mesocricetus auratus</i>) Infected by Inocula with Different <i>Leishmania (Viannia) braziliensis</i> Concentrations. <i>Infection and Immunity</i> , 2014, 82, 5203-5213.	2.2	30
78	21-Benzylidene Digoxin: A Proapoptotic Cardenolide of Cancer Cells That Up-Regulates Na,K-ATPase and Epithelial Tight Junctions. <i>PLoS ONE</i> , 2014, 9, e108776.	2.5	32
79	Regulation of ectoâ€™NTPDase I gene expression in <i>Trypanosoma cruzi</i> (974.7). <i>FASEB Journal</i> , 2014, 28, 974.7.	0.5	0
80	Towards the establishment of a consensus real-time qPCR to monitor <i>Trypanosoma cruzi</i> parasitemia in patients with chronic Chagas disease cardiomyopathy: A substudy from the BENEFIT trial. <i>Acta Tropica</i> , 2013, 125, 23-31.	2.0	131
81	21â€™benzylidene digoxin effect on tight junctions proteins. <i>FASEB Journal</i> , 2013, 27, .	0.5	0
82	Cruzipain Promotes <i>Trypanosoma cruzi</i> Adhesion to <i>Rhodnius prolixus</i> Midgut. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1958.	3.0	34
83	Inducible Nitric Oxide Synthase in Heart Tissue and Nitric Oxide in Serum of <i>Trypanosoma cruzi</i> -Infected Rhesus Monkeys: Association with Heart Injury. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1644.	3.0	54
84	Putative role of an ABC transporter in <i>Fonsecaea pedrosoi</i> multidrug resistance. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 409-415.	2.5	4
85	<i>Trypanosoma cruzi</i> -induced depressive-like behavior is independent of meningoencephalitis but responsive to parasiticide and TNF-targeted therapeutic interventions. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1136-1149.	4.1	34
86	SYBR Green-based Real-Time PCR targeting kinetoplast DNA can be used to discriminate between the main etiologic agents of Brazilian cutaneous and visceral leishmaniases. <i>Parasites and Vectors</i> , 2012, 5, 15.	2.5	52
87	Mast Cell Function and Death in <i>Trypanosoma cruzi</i> Infection. <i>American Journal of Pathology</i> , 2011, 179, 1894-1904.	3.8	18
88	CrATP interferes in the promastigote-macrophage interaction in <i>Leishmania amazonensis</i> infection. <i>Parasitology</i> , 2011, 138, 960-968.	1.5	16
89	CrATP as a new inhibitor of ecto-ATPases of trypanosomatids. <i>Parasitology</i> , 2009, 136, 35-44.	1.5	12
90	Effects of β -irradiation on the membrane ATPases of human erythrocytes from transfusional blood concentrates. <i>Annals of Hematology</i> , 2008, 87, 113-119.	1.8	28

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91	Mechanism of modulation of the plasma membrane Ca ²⁺ -ATPase by arachidonic acid. Prostaglandins and Other Lipid Mediators, 2008, 87, 47-53.	1.9	7
92	Inhibition of plasma membrane Ca ²⁺ -ATPase by heparin is modulated by potassium. International Journal of Biochemistry and Cell Biology, 2007, 39, 586-596.	2.8	5
93	Inhibition of plasma membrane Ca ²⁺ -ATPase by CrATP. LaATP but not CrATP stabilizes the Ca ²⁺ -occluded state. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1708, 411-419.	1.0	25