

# Rubem Figueiredo Sadok Menna-Barret

## List of Publications by Year in descending order

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125  
papers

11,100  
citations

126858

33  
h-index

30058

103  
g-index

132  
all docs

132  
docs citations

132  
times ranked

23429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Blood Meal-Derived Heme Decreases ROS Levels in the Midgut of <i>Aedes aegypti</i> and Allows Proliferation of Intestinal Microbiota. <i>PLoS Pathogens</i> , 2011, 7, e1001320.	2.1	272
4	Autophagy in protists. <i>Autophagy</i> , 2011, 7, 127-158.	4.3	148
5	Different cell death pathways induced by drugs in <i>Trypanosoma cruzi</i> : An ultrastructural study. <i>Micron</i> , 2009, 40, 157-168.	1.1	143
6	Naphthoquinoidal [1,2,3]-triazole, a new structural moiety active against <i>Trypanosoma cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1774-1780.	2.6	122
7	Effect of oregano ( <i>Origanum vulgare</i> L.) and thyme ( <i>Thymus vulgaris</i> L.) essential oils on <i>Trypanosoma cruzi</i> (Protozoa: Kinetoplastida) growth and ultrastructure. <i>Parasitology Research</i> , 2007, 100, 783-790.	0.6	117
8	The Double-Edged Sword in Pathogenic Trypanosomatids: The Pivotal Role of Mitochondria in Oxidative Stress and Bioenergetics. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	94
9	The effects on <i>Trypanosoma cruzi</i> of novel synthetic naphthoquinones are mediated by mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2009, 47, 644-653.	1.3	90
10	Effect of a $\beta$ -lapachone-derived naphthoimidazole on <i>Trypanosoma cruzi</i> : identification of target organelles. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 1034-1041.	1.3	89
11	Physical features and chitin content of eggs from the mosquito vectors <i>Aedes aegypti</i> , <i>Anopheles aquasalis</i> and <i>Culex quinquefasciatus</i> : Connection with distinct levels of resistance to desiccation. <i>Journal of Insect Physiology</i> , 2015, 83, 43-52.	0.9	88
12	Cell death pathways in pathogenic trypanosomatids: lessons of (over)kill. <i>Cell Death and Disease</i> , 2019, 10, 93.	2.7	82
13	Chiral squaramide-catalyzed asymmetric synthesis of pyranones and pyranonaphthoquinones via cascade reactions of 1,3-dicarbonyls with Morita-Baylis-Hillman acetates of nitroalkenes. <i>Chemical Communications</i> , 2014, 50, 6973-6976.	2.2	76
14	Studies on the trypanocidal activity of semi-synthetic pyran[b-4,3]naphtho[1,2-d]imidazoles from $\beta$ -lapachone. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 639-645.	2.6	70
15	Synthesis and anti- <i>Trypanosoma cruzi</i> activity of derivatives from nor-lapachones and lapachones. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5030-5038.	1.4	70
16	CdTe and CdSe Quantum Dots Cytotoxicity: A Comparative Study on Microorganisms. <i>Sensors</i> , 2011, 11, 11664-11678.	2.1	68
17	The evaluation of quinonoid compounds against <i>Trypanosoma cruzi</i> : Synthesis of imidazolic anthraquinones, nor- $\beta$ -lapachone derivatives and $\beta$ -lapachone-based 1,2,3-triazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3224-3230.	1.4	67
18	On the search for potential anti- <i>Trypanosoma cruzi</i> drugs: Synthesis and biological evaluation of 2-hydroxy-3-methylamino and 1,2,3-triazolic naphthoquinoidal compounds obtained by click chemistry reactions. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 304-312.	2.6	62

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19	Effect of Apigenin on <i>Leishmania amazonensis</i> Is Associated with Reactive Oxygen Species Production Followed by Mitochondrial Dysfunction. <i>Journal of Natural Products</i> , 2015, 78, 880-884.	1.5	57
20	Molecular hybridization as a powerful tool towards multitarget quinoidal systems: synthesis, trypanocidal and antitumor activities of naphthoquinone-based 5-iodo-1,4-disubstituted-, 1,4- and 1,5-disubstituted-1,2,3-triazoles. <i>MedChemComm</i> , 2016, 7, 1555-1563.	3.5	57
21	Synthesis and anti- <i>Trypanosoma cruzi</i> activity of naphthoquinone-containing triazoles: Electrochemical studies on the effects of the quinoidal moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6337-6348.	1.4	49
22	A novel triazolic naphthofuranquinone induces autophagy in reservosomes and impairment of mitosis in <i>Trypanosoma cruzi</i> . <i>Parasitology</i> , 2012, 139, 26-36.	0.7	48
23	Ruthenium-catalyzed C-H oxygenation of quinones by weak O-coordination for potent trypanocidal agents. <i>Chemical Communications</i> , 2018, 54, 12840-12843.	2.2	48
24	<i>Trypanosoma cruzi</i> mitochondrial swelling and membrane potential collapse as primary evidence of the mode of action of naphthoquinone analogues. <i>BMC Microbiology</i> , 2013, 13, 196.	1.3	45
25	Inhibition of proteasome activity blocks <i>Trypanosoma cruzi</i> growth and metacyclogenesis. <i>Parasitology Research</i> , 2008, 103, 941-951.	0.6	44
26	Reevaluating the <i>Trypanosoma cruzi</i> proteomic map: The shotgun description of bloodstream trypomastigotes. <i>Journal of Proteomics</i> , 2015, 115, 58-65.	1.2	44
27	Therapeutic effects of adipose-tissue-derived mesenchymal stromal cells and their extracellular vesicles in experimental silicosis. <i>Respiratory Research</i> , 2018, 19, 104.	1.4	44
28	Imidazoles from nitroallylic acetates and $\beta$ -bromonitroalkenes with amidines: synthesis and trypanocidal activity studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9862-9871.	1.5	43
29	On the investigation of hybrid quinones: synthesis, electrochemical studies and evaluation of trypanocidal activity. <i>RSC Advances</i> , 2015, 5, 78047-78060.	1.7	43
30	Heme modulates <i>Trypanosoma cruzi</i> bioenergetics inducing mitochondrial ROS production. <i>Free Radical Biology and Medicine</i> , 2017, 108, 183-191.	1.3	41
31	MDL28170, a Calpain Inhibitor, Affects <i>Trypanosoma cruzi</i> Metacyclogenesis, Ultrastructure and Attachment to <i>Rhodnius prolixus</i> Midgut. <i>PLoS ONE</i> , 2011, 6, e18371.	1.1	40
32	Mitochondrial damage contribute to epigallocatechin-3-gallate induced death in <i>Leishmania amazonensis</i> . <i>Experimental Parasitology</i> , 2012, 132, 151-155.	0.5	39
33	Synthesis of imidazoles via cascade reaction of nitroallylic acetates with amidines and studies on their trypanocidal activity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1996-2000.	1.5	35
34	Direct sequential C-H iodination/organoyl-thiolation for the benzenoid A-ring modification of quinonoid deactivated systems: a new protocol for potent trypanocidal quinones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1686-1691.	1.5	34
35	Mitochondrial disfunction and ROS production are essential for anti- <i>Trypanosoma cruzi</i> activity of $\beta$ -lapachone-derived naphthoimidazoles. <i>Free Radical Biology and Medicine</i> , 2019, 130, 408-418.	1.3	32
36	Stairway to Heaven or Hell? Perspectives and Limitations of Chagas Disease Chemotherapy. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2266-2289.	1.0	31

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37	Severe Head Lice Infestation in an Andean Mummy of Arica, Chile. <i>Journal of Parasitology</i> , 2012, 98, 433-436.	0.3	30
38	Oral Efficacy of Apigenin against Cutaneous Leishmaniasis: Involvement of Reactive Oxygen Species and Autophagy as a Mechanism of Action. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004442.	1.3	30
39	A proteomic analysis of the mechanism of action of naphthoimidazoles in <i>Trypanosoma cruzi</i> epimastigotes in vitro. <i>Journal of Proteomics</i> , 2010, 73, 2306-2315.	1.2	28
40	Effects of the calpain inhibitor MDL28170 on the clinically relevant forms of <i>Trypanosoma cruzi</i> in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1395-1398.	1.3	28
41	Copper complexes and carbon nanotube-copper ferrite-catalyzed benzenoid A-ring selenation of quinones: an efficient method for the synthesis of trypanocidal agents. <i>New Journal of Chemistry</i> , 2019, 43, 13751-13763.	1.4	27
42	Cell death induction in <i>Giardia lamblia</i> : Effect of beta-lapachone and starvation. <i>Parasitology International</i> , 2009, 58, 424-437.	0.6	25
43	Primary evidence of the mechanisms of action of HIV aspartyl peptidase inhibitors on <i>Trypanosoma cruzi</i> trypomastigote forms. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 185-194.	1.1	25
44	Ruthenium(II)-Catalyzed C-H Alkenylation of Quinones: Diversity-Oriented Strategy for Trypanocidal Compounds. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2344-2353.	1.2	25
45	Decoding the Anti- <i>Trypanosoma cruzi</i> Action of HIV Peptidase Inhibitors Using Epimastigotes as a Model. <i>PLoS ONE</i> , 2014, 9, e113957.	1.1	24
46	Phenotypic Screening <i>In Vitro</i> of Novel Aromatic Amidines against <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4701-4707.	1.4	23
47	Ultrastructural and Cytotoxic Effects of <i>Metarhizium robertsii</i> Infection on <i>Rhipicephalus microplus</i> Hemocytes. <i>Frontiers in Physiology</i> , 2019, 10, 654.	1.3	23
48	Trypanocidal Activity of Natural Sesquiterpenoids Involves Mitochondrial Dysfunction, ROS Production and Autophagic Phenotype in <i>Trypanosoma cruzi</i> . <i>Molecules</i> , 2018, 23, 2800.	1.7	21
49	Combination of Aryl Diselenides/Hydrogen Peroxide and Carbon-Nanotube/Rhodium Nanohybrids for Naphthol Oxidation: An Efficient Route towards Trypanocidal Quinones. <i>Chemistry - A European Journal</i> , 2018, 24, 15227-15235.	1.7	21
50	Effects of a marine serine protease inhibitor on viability and morphology of <i>Trypanosoma cruzi</i> , the agent of Chagas disease. <i>Acta Tropica</i> , 2013, 128, 27-35.	0.9	20
51	Docking simulation between HIV peptidase inhibitors and <i>Trypanosoma cruzi</i> aspartyl peptidase. <i>BMC Research Notes</i> , 2018, 11, 825.	0.6	18
52	Clear Shot at Primary Aim: Susceptibility of <i>Trypanosoma cruzi</i> Organelles, Structures and Molecular Targets to Drug Treatment. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1212-1234.	1.0	18
53	Synergic effect of metronidazole and pyrantel pamoate on <i>Giardia lamblia</i> . <i>Parasitology International</i> , 2011, 60, 54-58.	0.6	17
54	Morphological aspects of <i>Angiostrongylus costaricensis</i> by light and scanning electron microscopy. <i>Acta Tropica</i> , 2013, 127, 191-198.	0.9	16

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55	Trypanosoma janseni n. sp. (Trypanosomatida: Trypanosomatidae) isolated from Didelphis aurita (Mammalia: Didelphidae) in the Atlantic Rainforest of Rio de Janeiro, Brazil: integrative taxonomy and phylogeography within the Trypanosoma cruzi clade. Memorias Do Instituto Oswaldo Cruz, 2018, 113, 45-55.	0.8	16
56	Characterization and internalization of small extracellular vesicles released by human primary macrophages derived from circulating monocytes. PLoS ONE, 2020, 15, e0237795.	1.1	16
57	Polyphenol-Rich Diets Exacerbate AMPK-Mediated Autophagy, Decreasing Proliferation of Mosquito Midgut Microbiota, and Extending Vector Lifespan. PLoS Neglected Tropical Diseases, 2016, 10, e0005034.	1.3	15
58	Experimental Chemotherapy for Chagas Disease: A Morphological, Biochemical, and Proteomic Overview of Potential Trypanosoma cruzi Targets of Amidines Derivatives and Naphthoquinones. Molecular Biology International, 2011, 2011, 1-13.	1.7	15
59	Cellular Growth and Mitochondrial Ultrastructure of Leishmania (Viannia) braziliensis Promastigotes Are Affected by the Iron Chelator 2,2-Dipyridyl. PLoS Neglected Tropical Diseases, 2013, 7, e2481.	1.3	13
60	Strategies towards potent trypanocidal drugs: Application of Rh-catalyzed [2+2] cycloadditions, sulfonyl phthalide annulation and nitroalkene reactions for the synthesis of substituted quinones and their evaluation against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry, 2020, 28, 115565.	1.4	13
61	Cyclometalated ruthenium complexes from naturally occurring quinones: studies on their photophysical features, computational details and trypanocidal activity. New Journal of Chemistry, 2017, 41, 3723-3731.	1.4	12
62	Participation of Trypanosoma cruzi gp63 molecules on the interaction with Rhodnius prolixus. Parasitology, 2019, 146, 1075-1082.	0.7	12
63	Trypanosoma cruzi immunoproteome: Calpain-like CAP5.5 differentially detected throughout distinct stages of human Chagas disease cardiomyopathy. Journal of Proteomics, 2019, 194, 179-190.	1.2	12
64	Characterisation of 20S Proteasome in Tritrichomonas foetus and Its Role during the Cell Cycle and Transformation into Endoflagellar Form. PLoS ONE, 2015, 10, e0129165.	1.1	12
65	Antiparasitic and anti-inflammatory activities of $\gamma$ -lapachone-derived naphthoimidazoles in experimental acute Trypanosoma cruzi infection. Memorias Do Instituto Oswaldo Cruz, 2020, 115, e190389.	0.8	12
66	Differential Gel Electrophoresis (DIGE) Evaluation of Naphthoimidazoles Mode of Action: A Study in Trypanosoma cruzi Bloodstream Trypomastigotes. PLoS Neglected Tropical Diseases, 2016, 10, e0004951.	1.3	11
67	Heme crystallization in a Chagas disease vector acts as a redox-protective mechanism to allow insect reproduction and parasite infection. PLoS Neglected Tropical Diseases, 2018, 12, e0006661.	1.3	11
68	Starvation and pH stress conditions induced mitochondrial dysfunction, ROS production and autophagy in Trypanosoma cruzi epimastigotes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166028.	1.8	11
69	The fungal metabolite gliotoxin inhibits proteasome proteolytic activity and induces an irreversible pseudocystic transformation and cell death in Tritrichomonas foetus. Parasitology Research, 2016, 115, 3057-3069.	0.6	10
70	Hydrogen peroxide resistance in Strigomonas culicis: Effects on mitochondrial functionality and Aedes aegypti interaction. Free Radical Biology and Medicine, 2017, 113, 255-266.	1.3	10
71	In-depth quantitative proteomics uncovers specie-specific metabolic programs in Leishmania (Viannia) species. PLoS Neglected Tropical Diseases, 2020, 14, e0008509.	1.3	10
72	Quantitative analysis of proteins secreted by Leishmania (Viannia) braziliensis strains associated to distinct clinical manifestations of American Tegumentary Leishmaniasis. Journal of Proteomics, 2021, 232, 104077.	1.2	10

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73	Extracellular Vesicles: Potential Role in Remote Signaling and Inflammation in <i>Trypanosoma cruzi</i> -Triggered Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 798054.	1.8	10
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.	1.0	9
75	Synthesis and biological evaluation of N-alkyl naphthoimidazoles derived from $\hat{2}$ -lapachone against <i>Trypanosoma cruzi</i> bloodstream trypomastigotes. <i>MedChemComm</i> , 2017, 8, 952-959.	3.5	9
76	Urate and NOX5 Control Blood Digestion in the Hematophagous Insect <i>Rhodnius prolixus</i> . <i>Frontiers in Physiology</i> , 2021, 12, 633093.	1.3	9
77	Naphthoquinones and Derivatives for Chemotherapy: Perspectives and Limitations of their Anti-trypanosomatids Activities. <i>Current Pharmaceutical Design</i> , 2021, 27, 1807-1824.	0.9	9
78	Calpains of <i>Leishmania braziliensis</i> : genome analysis, differential expression, and functional analysis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e190147.	0.8	9
79	Trypanosomatid essential metabolic pathway: New approaches about heme fate in <i>Trypanosoma cruzi</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 216-221.	1.0	8
80	The morphological analysis of autophagy in primary skeletal muscle cells infected with <i>Toxoplasma gondii</i> . <i>Parasitology Research</i> , 2016, 115, 2853-2861.	0.6	8
81	Susceptibility of <i>Phytomonas serpens</i> to calpain inhibitors in vitro: interference on the proliferation, ultrastructure, cysteine peptidase expression and interaction with the invertebrate host. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 31-43.	0.8	8
82	Biological approaches to characterize the mode of action of two 5-nitroindazolinone prototypes on <i>Trypanosoma cruzi</i> bloodstream trypomastigotes. <i>Parasitology</i> , 2016, 143, 1469-1478.	0.7	7
83	Novel N,N-di-alkylnaphthoimidazolium derivative of $\hat{2}$ -lapachone impaired <i>Trypanosoma cruzi</i> mitochondrial electron transport system. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111186.	2.5	7
84	Proteomic and Bioinformatic Analysis of <i>Trypanosoma cruzi</i> Chemotherapy and Potential Drug Targets: New Pieces for an Old Puzzle. <i>Current Drug Targets</i> , 2014, 15, 255-271.	1.0	7
85	Mechanism of action of novel naphthofuranquinones on rat liver microsomal peroxidation. <i>Chemico-Biological Interactions</i> , 2009, 182, 213-219.	1.7	6
86	The first identification of <i>Nymphicilichus perezae</i> Mironov and Galloway, 2002 in cockatiels in Brazil and the first record of <i>Psittophagus</i> sp. Gaud and Atyeo, 1996 and cf. <i>Dubininia</i> sp. Vassilev, 1958 in cockatiels ( <i>Nymphicus hollandicus</i> Kerr, 1792). <i>Parasitology International</i> , 2012, 61, 572-578.	0.6	6
87	The Expected Outcome of the <i>Trypanosoma cruzi</i> Proteomic Map: A Review of Its Potential Biological Applications for Drug Target Discovery. <i>Sub-Cellular Biochemistry</i> , 2014, 74, 305-322.	1.0	6
88	Nitric Oxide Resistance in <i>Leishmania (Viannia) braziliensis</i> Involves Regulation of Glucose Consumption, Glutathione Metabolism and Abundance of Pentose Phosphate Pathway Enzymes. <i>Antioxidants</i> , 2022, 11, 277.	2.2	6
89	Is the mitochondrion a promising drug target in trypanosomatids?. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022, 117, e210379.	0.8	6
90	Quantitative Proteomic Map of the Trypanosomatid <i>Strigomonas culicis</i> : The Biological Contribution of its Endosymbiotic Bacterium. <i>Protist</i> , 2019, 170, 125698.	0.6	5

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91	Rapamycin Treatment Reduces Acute Myocarditis Induced by <i>Trypanosoma cruzi</i> Infection. <i>Journal of Innate Immunity</i> , 2020, 12, 321-332.	1.8	5
92	Repositioning of HIV Aspartyl Peptidase Inhibitors for Combating the Neglected Human Pathogen <i>Trypanosoma cruzi</i> . <i>Current Medicinal Chemistry</i> , 2019, 26, 6590-6613.	1.2	5
93	Different Drugs, Same End: Ultrastructural Hallmarks of Autophagy in Pathogenic Protozoa. <i>Frontiers in Microbiology</i> , 2022, 13, 856686.	1.5	5
94	Iron-modulated pseudocyst formation in <i>Trichomonas foetus</i> . <i>Parasitology</i> , 2016, 143, 1034-1042.	0.7	4
95	<i>In vitro</i> selection of <i>Phytomonas serpens</i> cells resistant to the calpain inhibitor MDL28170: alterations in fitness and expression of the major peptidases and efflux pumps. <i>Parasitology</i> , 2018, 145, 355-370.	0.7	4
96	Glycolytic profile shift and antioxidant triggering in symbiont-free and H <sub>2</sub> O <sub>2</sub> -resistant <i>Strigomonas culicis</i> . <i>Free Radical Biology and Medicine</i> , 2020, 146, 392-401.	1.3	4
97	Anti- <i>Trypanosoma cruzi</i> Compounds: Our Contribution for the Evaluation and Insights on the Mode of Action of Naphthoquinones and Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	4
98	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.	2.2	4
99	Cell disruption using a different methodology for proteomics analysis of <i>Trypanosoma cruzi</i> strains. <i>Analytical Biochemistry</i> , 2014, 448, 1-8.	1.1	3
100	The induction of host cell autophagy triggers defense mechanisms against <i>Trypanosoma cruzi</i> infection in vitro. <i>European Journal of Cell Biology</i> , 2020, 99, 151060.	1.6	3
101	<i>In vitro</i> effects of bis(N-[4-(hydroxyphenyl)methyl]-2-pyridinemethamine)zinc perchlorate monohydrate 4 on the physiology and interaction process of <i>Leishmania amazonensis</i> . <i>Parasitology International</i> , 2021, 84, 102376.	0.6	3
102	Expression and cellular localisation of <i>Trypanosoma cruzi</i> calpains. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e200142.	0.8	3
103	Effect of 9-hydroxy- $\beta$ - and 7-hydroxy- $\beta$ -pyran Naphthoquinones on <i>Trypanosoma cruzi</i> and Structure-activity Relationship Studies. <i>Medicinal Chemistry</i> , 2014, 10, 564-570.	0.7	3
104	Host cholesterol influences the activity of sterol biosynthesis inhibitors in <i>Leishmania amazonensis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022, 117, e220407.	0.8	3
105	Parasite, Compartments, and Molecules: Trick versus Treatment on Chagas Disease. , 2019, , .		2
106	Ruthenium(II)- and Palladium(II)-catalyzed position-divergent C-H oxygenations of arylated quinones: Identification of hydroxylated quinonoid compounds with potent trypanocidal activity. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 40, 116164.	1.4	2
107	<i>Leishmania (V.) braziliensis</i> infection promotes macrophage autophagy by a LC3B-dependent and BECLIN1-independent mechanism. <i>Acta Tropica</i> , 2021, 218, 105890.	0.9	2
108	<i>Aedes aegypti</i> Infection With Trypanosomatid <i>Strigomonas culicis</i> Alters Midgut Redox Metabolism and Reduces Mosquito Reproductive Fitness. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 732925.	1.8	2



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109	Chewing Lice of Fregata magnificens with First Record of Fregatiella aurifasciata (Phthiraptera: Tj ETQq1 1 0.784314.rgBT /Oyerlock 10	0.3	2
110	New insights in Trypanosoma cruzi proteomic map: further post-translational modifications and potential drug targets in Y strain epimastigotes. Journal of Integrated OMICS, 2012, 2, .	0.5	1
111	Autophagic Balance Between Mammals and Protozoa: A Molecular, Biochemical and Morphological Review of Apicomplexa and Trypanosomatidae Infections. , 0, , .		1
112	Between Armour and Weapons “ Cell Death Mechanisms in Trypanosomatid Parasites. , 2015, , .		1
113	Mutagenic and Cytotoxicity LQB 123 Profile: Safety and Tripanocidal Effect of a Phenyl-t-Butylnitron Derivative. BioMed Research International, 2017, 2017, 1-8.	0.9	1
114	Data on antigen recognition hindrance by antibodies covalently immobilized to Protein G magnetic beads by dimethyl pimelimidate (DMP) cross-linking. Data in Brief, 2019, 22, 516-521.	0.5	1
115	From proteins to molecular targets: Trypanosoma cruzi proteomic insights in drug development. , 2018, , .		1
116	Molecular mechanisms of action of trypanocidal and leishmanicidal drugs with focus on novel chemotherapeutic strategies: creation of a Brazilian multicentre working group. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e220002.	0.8	1
117	Studies on the Trypanocidal Activity of Semi-Synthetic Pyran[b-4,3]naphtho[1,2-d]imidazoles from ̂2-Lapachone.. ChemInform, 2004, 35, no.	0.1	0
118	Synthesis and evaluation against Trypanosoma cruzi of naphthoquinone-containing triazoles. , 0, , .		0
119	The Biological Impact of Oxidative Metabolism in Trypanosomatid Parasites: What Is the Perfect Balance Between Reactive Species Production and Antioxidant Defenses?. , 2019, , 127-173.		0
120	Editorial: Protozoa and Their Hosts: An Oxidative Relationship. Frontiers in Cellular and Infection Microbiology, 2022, 12, 856191.	1.8	0
121	Title is missing!. , 2020, 14, e0008509.		0
122	Title is missing!. , 2020, 14, e0008509.		0
123	Title is missing!. , 2020, 14, e0008509.		0
124	Title is missing!. , 2020, 14, e0008509.		0
125	Introductory Chapter: Chagas Disease “ A Multidisciplinary Old Public Health Problem. , 0, , .		0