

Rubem Figueiredo Sadok Menna-Barret

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3042638/publications.pdf>

Version: 2024-02-01

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 | 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 |
| 2 | Editorial: Protozoa and Their Hosts: An Oxidative Relationship. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 856191. | 1.8 | 0 |
| 3 | Molecular mechanisms of action of trypanocidal and leishmanicidal drugs with focus on novel chemotherapeutic strategies: creation of a Brazilian multicentre working group. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022, 117, e220002. | 0.8 | 1 |
| 4 | 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 |
| 5 | Is the mitochondrion a promising drug target in trypanosomatids?. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022, 117, e210379. | 0.8 | 6 |
| 6 | Different Drugs, Same End: Ultrastructural Hallmarks of Autophagy in Pathogenic Protozoa. <i>Frontiers in Microbiology</i> , 2022, 13, 856686. | 1.5 | 5 |
| 7 | Starvation and pH stress conditions induced mitochondrial dysfunction, ROS production and autophagy in <i>Trypanosoma cruzi</i> epimastigotes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166028. | 1.8 | 11 |
| 8 | Quantitative analysis of proteins secreted by <i>Leishmania (Viannia) braziliensis</i> strains associated to distinct clinical manifestations of American Tegumentary Leishmaniasis. <i>Journal of Proteomics</i> , 2021, 232, 104077. | 1.2 | 10 |
| 9 | 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 |
| 10 | Novel N,N-di-alkyl-naphthoimidazolium derivative of Î²-lapachone impaired <i>Trypanosoma cruzi</i> mitochondrial electron transport system. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111186. | 2.5 | 7 |
| 11 | 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 |
| 12 | 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 |
| 13 | <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 |
| 14 | <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 |
| 15 | In vitro 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Glycolytic profile shift and antioxidant triggering in symbiont-free and H ₂ O ₂ -resistant <i>Strigomonas culicis</i> . <i>Free Radical Biology and Medicine</i> , 2020, 146, 392-401. | 1.3 | 4 |
| 21 | Characterization and internalization of small extracellular vesicles released by human primary macrophages derived from circulating monocytes. <i>PLoS ONE</i> , 2020, 15, e0237795. | 1.1 | 16 |
| 22 | In-depth quantitative proteomics uncovers specie-specific metabolic programs in <i>Leishmania</i> (Viannia) species. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008509. | 1.3 | 10 |
| 23 | 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 <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115565. | 1.4 | 13 |
| 24 | Antiparasitic and anti-inflammatory activities of γ -lapachone-derived naphthoimidazoles in experimental acute <i>Trypanosoma cruzi</i> infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e190389. | 0.8 | 12 |
| 25 | Expression and cellular localisation of <i>Trypanosoma cruzi</i> calpains. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e200142. | 0.8 | 3 |
| 26 | Chewing Lice of <i>Fregata magnificens</i> with First Record of <i>Fregatiella aurifasciata</i> (Phthiraptera:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i> | 0.3 | 2 |
| 27 | Title is missing!. , 2020, 14, e0008509. | | 0 |
| 28 | Title is missing!. , 2020, 14, e0008509. | | 0 |
| 29 | Title is missing!. , 2020, 14, e0008509. | | 0 |
| 30 | Title is missing!. , 2020, 14, e0008509. | | 0 |
| 31 | 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 |
| 32 | Cell death pathways in pathogenic trypanosomatids: lessons of (over)kill. <i>Cell Death and Disease</i> , 2019, 10, 93. | 2.7 | 82 |
| 33 | 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 |
| 34 | Participation of <i>Trypanosoma cruzi</i> gp63 molecules on the interaction with <i>Rhodnius prolixus</i> . <i>Parasitology</i> , 2019, 146, 1075-1082. | 0.7 | 12 |
| 35 | Data on antigen recognition hindrance by antibodies covalently immobilized to Protein G magnetic beads by dimethyl pimelimidate (DMP) cross-linking. <i>Data in Brief</i> , 2019, 22, 516-521. | 0.5 | 1 |
| 36 | Parasite, Compartments, and Molecules: Trick versus Treatment on Chagas Disease. , 2019, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | 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 |
| 38 | Mitochondrial dysfunction and ROS production are essential for anti- <i>Trypanosoma cruzi</i> activity of β -lapachone-derived naphthoimidazoles. <i>Free Radical Biology and Medicine</i> , 2019, 130, 408-418. | 1.3 | 32 |
| 39 | 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 |
| 40 | <i>Trypanosoma cruzi</i> immunoproteome: Calpain-like CAP5.5 differentially detected throughout distinct stages of human Chagas disease cardiomyopathy. <i>Journal of Proteomics</i> , 2019, 194, 179-190. | 1.2 | 12 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | <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 |
| 47 | 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 |
| 48 | Docking simulation between HIV peptidase inhibitors and <i>Trypanosoma cruzi</i> aspartyl peptidase. <i>BMC Research Notes</i> , 2018, 11, 825. | 0.6 | 18 |
| 49 | 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 |
| 50 | <i>Trypanosoma janseni</i> n. sp. (Trypanosomatida: Trypanosomatidae) isolated from <i>Didelphis aurita</i> (Mammalia: Didelphidae) in the Atlantic Rainforest of Rio de Janeiro, Brazil: integrative taxonomy and phylogeography within the <i>Trypanosoma cruzi</i> clade. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, 45-55. | 0.8 | 16 |
| 51 | 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 |
| 52 | Heme crystallization in a Chagas disease vector acts as a redox-protective mechanism to allow insect reproduction and parasite infection. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006661. | 1.3 | 11 |
| 53 | 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 |
| 54 | From proteins to molecular targets: <i>Trypanosoma cruzi</i> proteomic insights in drug development. , 2018, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Synthesis and biological evaluation of N-alkyl naphthoimidazoles derived from $\hat{1}^2$ -lapachone against <i>Trypanosoma cruzi</i> bloodstream trypomastigotes. <i>MedChemComm</i> , 2017, 8, 952-959. | 3.5 | 9 |
| 56 | 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 |
| 57 | Cyclometalated ruthenium complexes from naturally occurring quinones: studies on their photophysical features, computational details and trypanocidal activity. <i>New Journal of Chemistry</i> , 2017, 41, 3723-3731. | 1.4 | 12 |
| 58 | Hydrogen peroxide resistance in <i>Strigomonas culicis</i> : Effects on mitochondrial functionality and <i>Aedes aegypti</i> interaction. <i>Free Radical Biology and Medicine</i> , 2017, 113, 255-266. | 1.3 | 10 |
| 59 | Mutagenic and Cytotoxicity LQB 123 Profile: Safety and Tripanocidal Effect of a Phenyl- <i>t</i> -Butylnitron Derivative. <i>BioMed Research International</i> , 2017, 2017, 1-8. | 0.9 | 1 |
| 60 | 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 |
| 61 | 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 |
| 62 | Differential Gel Electrophoresis (DIGE) Evaluation of Naphthoimidazoles Mode of Action: A Study in <i>Trypanosoma cruzi</i> Bloodstream Trypomastigotes. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004951. | 1.3 | 11 |
| 63 | 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 |
| 64 | Polyphenol-Rich Diets Exacerbate AMPK-Mediated Autophagy, Decreasing Proliferation of Mosquito Midgut Microbiota, and Extending Vector Lifespan. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005034. | 1.3 | 15 |
| 65 | Iron-modulated pseudocyst formation in <i>Tritrichomonas foetus</i> . <i>Parasitology</i> , 2016, 143, 1034-1042. | 0.7 | 4 |
| 66 | 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 |
| 67 | The fungal metabolite gliotoxin inhibits proteasome proteolytic activity and induces an irreversible pseudocystic transformation and cell death in <i>Tritrichomonas foetus</i> . <i>Parasitology Research</i> , 2016, 115, 3057-3069. | 0.6 | 10 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 4.3 | 4,701 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Between Armour and Weapons – Cell Death Mechanisms in Trypanosomatid Parasites. , 2015, , . | | 1 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | Imidazoles from nitroallylic acetates and β -bromonitroalkenes with amidines: synthesis and trypanocidal activity studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9862-9871. | 1.5 | 43 |
| 78 | 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 |
| 79 | 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 |
| 80 | Characterisation of 20S Proteasome in <i>Trichomonas foetus</i> and Its Role during the Cell Cycle and Transformation into Endoflagellar Form. <i>PLoS ONE</i> , 2015, 10, e0129165. | 1.1 | 12 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | Effect of 9-hydroxy- β - and 7-hydroxy- β -pyran Naphthoquinones on <i>Trypanosoma cruzi</i> and Structure-activity Relationship Studies. <i>Medicinal Chemistry</i> , 2014, 10, 564-570. | 0.7 | 3 |
| 90 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Synthesis and anti-Trypanosoma cruzi activity of naphthoquinone-containing triazoles: Electrochemical studies on the effects of the quinoidal moiety. Bioorganic and Medicinal Chemistry, 2013, 21, 6337-6348. | 1.4 | 49 |
| 92 | Trypanosoma cruzi mitochondrial swelling and membrane potential collapse as primary evidence of the mode of action of naphthoquinone analogues. BMC Microbiology, 2013, 13, 196. | 1.3 | 45 |
| 93 | Effects of a marine serine protease inhibitor on viability and morphology of Trypanosoma cruzi, the agent of Chagas disease. Acta Tropica, 2013, 128, 27-35. | 0.9 | 20 |
| 94 | Morphological aspects of Angiostrongylus costaricensis by light and scanning electron microscopy. Acta Tropica, 2013, 127, 191-198. | 0.9 | 16 |
| 95 | 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 |
| 96 | Severe Head Lice Infestation in an Andean Mummy of Arica, Chile. Journal of Parasitology, 2012, 98, 433-436. | 0.3 | 30 |
| 97 | Mitochondrial damage contribute to epigallocatechin-3-gallate induced death in Leishmania amazonensis. Experimental Parasitology, 2012, 132, 151-155. | 0.5 | 39 |
| 98 | A novel triazolic naphthofuranquinone induces autophagy in reservosomes and impairment of mitosis in <i>Trypanosoma cruzi</i> . Parasitology, 2012, 139, 26-36. | 0.7 | 48 |
| 99 | Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544. | 4.3 | 3,122 |
| 100 | The first identification of Nymphicilichus perezae Mironov and Galloway, 2002 in cockatiels in Brazil and the first record of Psittophagus sp. Gaud and Atyeo, 1996 and cf. Dubinia sp. Vassilev, 1958 in cockatiels (Nymphicus hollandicus Kerr, 1792). Parasitology International, 2012, 61, 572-578. | 0.6 | 6 |
| 101 | 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 |
| 102 | On the search for potential anti-Trypanosoma cruzi drugs: Synthesis and biological evaluation of 2-hydroxy-3-methylamino and 1,2,3-triazolic naphthoquinoidal compounds obtained by click chemistry reactions. European Journal of Medicinal Chemistry, 2012, 52, 304-312. | 2.6 | 62 |
| 103 | CdTe and CdSe Quantum Dots Cytotoxicity: A Comparative Study on Microorganisms. Sensors, 2011, 11, 11664-11678. | 2.1 | 68 |
| 104 | Blood Meal-Derived Heme Decreases ROS Levels in the Midgut of Aedes aegypti and Allows Proliferation of Intestinal Microbiota. PLoS Pathogens, 2011, 7, e1001320. | 2.1 | 272 |
| 105 | Synergic effect of metronidazole and pyrantel pamoate on Giardia lamblia. Parasitology International, 2011, 60, 54-58. | 0.6 | 17 |
| 106 | Autophagy in protists. Autophagy, 2011, 7, 127-158. | 4.3 | 148 |
| 107 | MDL28170, a Calpain Inhibitor, Affects Trypanosoma cruzi Metacyclogenesis, Ultrastructure and Attachment to Rhodnius prolixus Midgut. PLoS ONE, 2011, 6, e18371. | 1.1 | 40 |
| 108 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | 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 |
| 110 | The evaluation of quinonoid compounds against <i>Trypanosoma cruzi</i> : Synthesis of imidazolic anthraquinones, nor- β -lapachone derivatives and β -lapachone-based 1,2,3-triazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3224-3230. | 1.4 | 67 |
| 111 | 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 |
| 112 | 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 |
| 113 | Mechanism of action of novel naphthofuranquinones on rat liver microsomal peroxidation. <i>Chemico-Biological Interactions</i> , 2009, 182, 213-219. | 1.7 | 6 |
| 114 | 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 |
| 115 | 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 |
| 116 | Inhibition of proteasome activity blocks <i>Trypanosoma cruzi</i> growth and metacyclogenesis. <i>Parasitology Research</i> , 2008, 103, 941-951. | 0.6 | 44 |
| 117 | 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 |
| 118 | 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 |
| 119 | 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 |
| 120 | Effect of a β -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 |
| 121 | Studies on the Trypanocidal Activity of Semi-Synthetic Pyran[b-4,3]naphtho[1,2-d]imidazoles from β -Lapachone.. <i>ChemInform</i> , 2004, 35, no. | 0.1 | 0 |
| 122 | Studies on the trypanocidal activity of semi-synthetic pyran[b-4,3]naphtho[1,2-d]imidazoles from β -lapachone. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 639-645. | 2.6 | 70 |
| 123 | Autophagic Balance Between Mammals and Protozoa: A Molecular, Biochemical and Morphological Review of Apicomplexa and Trypanosomatidae Infections. , 0, , . | | 1 |
| 124 | Synthesis and evaluation against <i>Trypanosoma cruzi</i> of naphthoquinone-containing triazoles. , 0, , . | | 0 |
| 125 | Introductory Chapter: Chagas Disease – A Multidisciplinary Old Public Health Problem. , 0, , . | | 0 |