

Rodrigo Lopez-Muñoz

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

964
citations

393982

19
h-index

454577

30
g-index

40
all docs

40
docs citations

40
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Buthionine Sulfoximine Increases the Toxicity of Nifurtimox and Benznidazole to <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 126-130.	1.4	84
2	Participation of Short-Chain Fatty Acids and Their Receptors in Gut Inflammation and Colon Cancer. <i>Frontiers in Physiology</i> , 2021, 12, 662739.	1.3	75
3	2-Phenylaminonaphthoquinones and related compounds: Synthesis, trypanocidal and cytotoxic activities. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4609-4620.	1.4	59
4	Chagas disease: Present status of pathogenic mechanisms and chemotherapy. <i>Biological Research</i> , 2010, 43, .	1.5	51
5	Antiparasitic activity of chicory (<i>Cichorium intybus</i>) and its natural bioactive compounds in livestock: a review. <i>Parasites and Vectors</i> , 2018, 11, 475.	1.0	51
6	Protective Role of Acetylsalicylic Acid in Experimental <i>Trypanosoma cruzi</i> Infection: Evidence of a 15-epi-Lipoxin A4-Mediated Effect. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2173.	1.3	46
7	Metformin and cancer: Between the bioenergetic disturbances and the antifolate activity. <i>Pharmacological Research</i> , 2015, 101, 102-108.	3.1	46
8	<i>Trypanosoma cruzi</i> induces apoptosis in ex vivo infected human chorionic villi. <i>Placenta</i> , 2011, 32, 356-361.	0.7	37
9	Pentamidine exerts in vitro and in vivo anti <i>Trypanosoma cruzi</i> activity and inhibits the polyamine transport in <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 2014, 134, 1-9.	0.9	35
10	Buthionine Sulfoximine Has Anti- <i>Trypanosoma cruzi</i> Activity in a Murine Model of Acute Chagas' Disease and Enhances the Efficacy of Nifurtimox. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1837-1839.	1.4	34
11	Roles of <i>Trypanosoma cruzi</i> calreticulin in parasite-host interactions and in tumor growth. <i>Molecular Immunology</i> , 2012, 52, 133-140.	1.0	31
12	<i>Trypanosoma cruzi</i> : In vitro effect of aspirin with nifurtimox and benznidazole. <i>Experimental Parasitology</i> , 2010, 124, 167-171.	0.5	30
13	Novel Gallate Triphenylphosphonium Derivatives with Potent Antichagasic Activity. <i>PLoS ONE</i> , 2015, 10, e0136852.	1.1	30
14	Benznidazole prevents endothelial damage in an experimental model of Chagas disease. <i>Acta Tropica</i> , 2013, 127, 6-13.	0.9	29
15	Toxic and therapeutic effects of Nifurtimox and Benznidazole on <i>Trypanosoma cruzi</i> ex vivo infection of human placental chorionic villi explants. <i>Acta Tropica</i> , 2014, 132, 112-118.	0.9	27
16	Simvastatin and Benznidazole-Mediated Prevention of <i>Trypanosoma cruzi</i> -Induced Endothelial Activation: Role of 15-epi-lipoxin A4 in the Action of Simvastatin. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003770.	1.3	26
17	Chagas disease: Present status of pathogenic mechanisms and chemotherapy. <i>Biological Research</i> , 2010, 43, 323-31.	1.5	26
18	Protection of vascular endothelium by aspirin in a murine model of chronic Chagas disease. <i>Parasitology Research</i> , 2013, 112, 2731-2739.	0.6	24

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19	Role of matrix metalloproteinases 2 and 9 in ex vivo Trypanosoma cruzi infection of human placental chorionic villi. <i>Placenta</i> , 2012, 33, 991-997.	0.7	21
20	Inflammatory and Pro-resolving Lipids in Trypanosomatid Infections: A Key to Understanding Parasite Control. <i>Frontiers in Microbiology</i> , 2018, 9, 1961.	1.5	20
21	Anthelmintic and metabolomic analyses of chicory (<i>Cichorium intybus</i>) identify an industrial by-product with potent in vitro antinematodal activity. <i>Veterinary Parasitology</i> , 2020, 280, 109088.	0.7	20
22	ESR, electrochemical, molecular modeling and biological evaluation of 4-substituted and 1,4-disubstituted 7-nitroquinoxalin-2-ones as potential anti-Trypanosoma cruzi agents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1004-1012.	2.0	19
23	Organometallic tosyl hydrazones: Synthesis, characterization, crystal structures and in vitro evaluation for anti- Mycobacterium tuberculosis and antiproliferative activities. <i>Polyhedron</i> , 2017, 131, 40-45.	1.0	19
24	Photoreduction of oxoisoaporphines. Another example of a formal hydride-transfer mechanism. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 194-199.	1.6	13
25	Pentamidine antagonizes the benznidazole's effect in vitro, and lacks of synergy in vivo: Implications about the polyamine transport as an anti-Trypanosoma cruzi target. <i>Experimental Parasitology</i> , 2016, 171, 23-32.	0.5	13
26	Biological and chemical study of fused tri- and tetracyclic indazoles and analogues with important antiparasitic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 670-678.	2.0	12
27	Searching for Drug Synergy Against Cancer Through Polyamine Metabolism Impairment: Insight Into the Metabolic Effect of Indomethacin on Lung Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 1670.	1.6	12
28	Key Proteins in the Polyamine-Trypanothione Pathway as Drug Targets Against Trypanosoma cruzi. <i>Current Medicinal Chemistry</i> , 2014, 21, 1757-1771.	1.2	12
29	Acute chagas outbreaks: molecular and biological features of Trypanosoma cruzi isolates, and clinical aspects of acute cases in Santander, Colombia. <i>Parasites and Vectors</i> , 2015, 8, 608.	1.0	10
30	Chemical Characterization of Lavandula dentata Essential Oil Cultivated in Chile and Its Antibiofilm Effect against Candida albicans. <i>Planta Medica</i> , 2020, 86, 1225-1234.	0.7	10
31	In vitro and in vivo activity of voriconazole and benznidazole combination on trypanosoma cruzi infection models. <i>Acta Tropica</i> , 2020, 211, 105606.	0.9	9
32	Medicinal Plants of Chile: Evaluation of their Anti-Trypanosoma cruzi Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 198-202.	0.6	7
33	Origanum vulgare L. essential oil inhibits virulence patterns of Candida spp. and potentiates the effects of fluconazole and nystatin in vitro. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 39.	1.2	7
34	Evaluation of the Novel Antichagasic Activity of [1,2,3]Triazolo[1,5-a]pyridine Derivatives. <i>Current Topics in Medicinal Chemistry</i> , 2016, 17, 399-411.	1.0	5
35	Dehydroepiandrosterone effect on Plasmodium falciparum and its interaction with antimalarial drugs. <i>Experimental Parasitology</i> , 2013, 133, 114-120.	0.5	4
36	New multifunctional heterobinuclear palladium (II) complexes based on organometallic dithiocarbamate ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5788.	1.7	4

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37	Reconsidering the Role of Cyclooxygenase Inhibition in the Chemotherapeutic Value of NO-Releasing Aspirins for Lung Cancer. <i>Molecules</i> , 2019, 24, 1924.	1.7	3
38	Tamoxifen in horses: pharmacokinetics and safety study. <i>Irish Veterinary Journal</i> , 2019, 72, 5.	0.8	2
39	Medicinal Plants of Chile: Evaluation of their Anti-Trypanosoma cruzi Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 0198.	0.6	1
40	Chronic Chagas cardiomyopathy: a therapeutic challenge and future strategies. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 579-584.	1.1	0