

Mario Fandez

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5032451/mario-fandez-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,096
citations

17
h-index

33
g-index

37
ext. papers

1,200
ext. citations

4.4
avg, IF

3.54
L-index

#	Paper	IF	Citations
36	Mode of action of natural and synthetic drugs against <i>Trypanosoma cruzi</i> and their interaction with the mammalian host. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 146, 601-20	2.6	235
35	Possible mechanisms underlying copper-induced damage in biological membranes leading to cellular toxicity. <i>Chemico-Biological Interactions</i> , 2005 , 151, 71-82	5	172
34	In vitro activity and mechanism of action against the protozoan parasite <i>Trypanosoma cruzi</i> of 5-nitrofuryl containing thiosemicarbazones. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 4885-93	3.4	110
33	Natural and synthetic naphthoquinones active against <i>Trypanosoma cruzi</i> : an initial step towards new drugs for Chagas disease. <i>Current Medicinal Chemistry</i> , 2011 , 18, 144-61	4.3	76
32	Buthionine sulfoximine increases the toxicity of nifurtimox and benznidazole to <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 126-30	5.9	73
31	Inhibition of cytosolic glutathione S-transferase activity from rat liver by copper. <i>Chemico-Biological Interactions</i> , 2006 , 164, 39-48	5	38
30	Protective role of acetylsalicylic acid in experimental <i>Trypanosoma cruzi</i> infection: evidence of a 15-epi-lipoxin A ₂ -mediated effect. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2173	4.8	37
29	Use of fluorine-doped tin oxide electrodes for lipoic acid determination in dietary supplements. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 668, 1-6	4.1	33
28	Buthionine sulfoximine has anti- <i>Trypanosoma cruzi</i> activity in a murine model of acute ChagasV disease and enhances the efficacy of nifurtimox. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1837-9	5.9	30
27	Mechanisms underlying the inhibition of the cytochrome P450 system by copper ions. <i>Journal of Applied Toxicology</i> , 2009 , 29, 695-702	4.1	29
26	Liver microsomal biotransformation of nitro-aryl drugs: mechanism for potential oxidative stress induction. <i>Journal of Applied Toxicology</i> , 2004 , 24, 519-25	4.1	27
25	<i>Trypanosoma cruzi</i> : In vitro effect of aspirin with nifurtimox and benznidazole. <i>Experimental Parasitology</i> , 2010 , 124, 167-71	2.1	24
24	Synthesis and pharmacophore modelling of 2,6,9-trisubstituted purine derivatives and their potential role as apoptosis-inducing agents in cancer cell lines. <i>Molecules</i> , 2015 , 20, 6808-26	4.8	22
23	Electrochemistry of methimazole on fluorine-doped tin oxide electrodes and its square-wave voltammetric determination in pharmaceutical formulations. <i>Electrochimica Acta</i> , 2013 , 88, 871-876	6.7	20
22	Microsomal UDP-Glucuronyltransferase in Rat Liver: Oxidative Activation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 96, 480-486	3.1	19
21	Combined CoMFA and CoMSIA 3D-QSAR study of benzimidazole and benzothiophene derivatives with selective affinity for the CB2 cannabinoid receptor. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 101, 1-10	5.1	18
20	Synthesis, binding assays, cytotoxic activity and docking studies of benzimidazole and benzothiophene derivatives with selective affinity for the CB2 cannabinoid receptor. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 17-35	6.8	17

19	Electrochemical evaluation of ciprofloxacin adsorption on soil organic matter. <i>New Journal of Chemistry</i> , 2016 , 40, 7132-7139	3.6	15
18	Melatonin protects the cytochrome P450 system through a novel antioxidant mechanism. <i>Chemico-Biological Interactions</i> , 2010 , 185, 208-14	5	15
17	Pyrogallol red oxidation induced by superoxide radicals: application to evaluate redox cycling of nitro compounds. <i>Analytical Biochemistry</i> , 2011 , 419, 284-91	3.1	14
16	Nitrofuran drugs beyond redox cycling: Evidence of Nitroreduction-independent cytotoxicity mechanism. <i>Toxicology and Applied Pharmacology</i> , 2020 , 401, 115104	4.6	12
15	New imidoyl-indazole platinum (II) complexes as potential anticancer agents: Synthesis, evaluation of cytotoxicity, cell death and experimental-theoretical DNA interaction studies. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 90-101	4.2	8
14	Copper modifies liver microsomal UDP-glucuronyltransferase activity through different and opposite mechanisms. <i>Chemico-Biological Interactions</i> , 2007 , 167, 1-11	5	7
13	Promising 2,6,9-Trisubstituted Purine Derivatives for Anticancer Compounds: Synthesis, 3D-QSAR, and Preliminary Biological Assays. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	7
12	Synthesis and biological evaluation of potential acetylcholinesterase inhibitors based on a benzoxazine core. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800024	4.3	6
11	NADPH oxidase activity: Spectrophotometric determination of superoxide using pyrogallol red. <i>Analytical Biochemistry</i> , 2017 , 536, 96-100	3.1	5
10	Synthesis of 4(3H)quinazolinimines with selective cytotoxic effect on human acute promyelocytic leukemia cells. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 2681-2688	3.4	5
9	A New Kind of Quinonic-Antibiotic Useful Against Multidrug-Resistant and Infections. <i>Molecules</i> , 2018 , 23,	4.8	4
8	Novel FXa Inhibitor Identification through Integration of Ligand- and Structure-Based Approaches. <i>Molecules</i> , 2017 , 22,	4.8	4
7	Quantification of carbonate radical formation by the bicarbonate-dependent peroxidase activity of superoxide dismutase 1 using pyrogallol red bleaching. <i>Redox Biology</i> , 2019 , 24, 101207	11.3	3
6	Microwave Assisted Synthesis of Novel Six-Membered 4-C, 4-O and 4-S Lactams Derivatives: Characterization and in vitro Biological Evaluation of Cytotoxicity and Anticoagulant Activity. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	3
5	Design, synthesis, cytotoxicity and 3D-QSAR analysis of new 3,6-disubstituted-1,2,4,5-tetrazine derivatives as potential antitumor agents. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 1092-1107	5.9	3
4	Effect of alpha lipoic acid on leukotriene A hydrolase. <i>European Journal of Pharmacology</i> , 2017 , 799, 41-47	5.3	2
3	DESIGN AND EVALUATION OF A Hg(II) SENSOR BASED ON THE RESPONSE OF A POLY(3,4-ETHYLENEDIOXYTHIOPHENE) MODIFIED ELECTRODE. <i>Journal of the Chilean Chemical Society</i> , 2014 , 59, 2481-2484	2.5	2
2	New Pyridone-Based Derivatives as Cannabinoid Receptor Type 2 Agonists. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1

1 Biological activity of native fruits from Chile as a potential functional food. *Natural Product Research*, **2021**, 1-5

2.3