

Mario Fandez

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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	New Pyridone-Based Derivatives as Cannabinoid Receptor Type 2 Agonists. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
35	Biological activity of native fruits from Chile as a potential functional food. <i>Natural Product Research</i> , 2021 , 1-5	2.3	
34	Nitrofurans beyond redox cycling: Evidence of Nitroreduction-independent cytotoxicity mechanism. <i>Toxicology and Applied Pharmacology</i> , 2020 , 401, 115104	4.6	12
33	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
32	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
31	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
30	Synthesis and biological evaluation of potential acetylcholinesterase inhibitors based on a benzoxazine core. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800024	4.3	6
29	A New Kind of Quinonic-Antibiotic Useful Against Multidrug-Resistant and Infections. <i>Molecules</i> , 2018 , 23,	4.8	4
28	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
27	Effect of alpha lipoic acid on leukotriene A hydrolase. <i>European Journal of Pharmacology</i> , 2017 , 799, 41-47	4.3	2
26	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
25	NADPH oxidase activity: Spectrophotometric determination of superoxide using pyrogallol red. <i>Analytical Biochemistry</i> , 2017 , 536, 96-100	3.1	5
24	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
23	Novel FXa Inhibitor Identification through Integration of Ligand- and Structure-Based Approaches. <i>Molecules</i> , 2017 , 22,	4.8	4
22	Electrochemical evaluation of ciprofloxacin adsorption on soil organic matter. <i>New Journal of Chemistry</i> , 2016 , 40, 7132-7139	3.6	15
21	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
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	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
18	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
17	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
16	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
15	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
14	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
13	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
12	Melatonin protects the cytochrome P450 system through a novel antioxidant mechanism. <i>Chemico-Biological Interactions</i> , 2010 , 185, 208-14	5	15
11	<i>Trypanosoma cruzi</i> : In vitro effect of aspirin with nifurtimox and benznidazole. <i>Experimental Parasitology</i> , 2010 , 124, 167-71	2.1	24
10	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
9	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, 1837-99	5.9	30
8	Copper modifies liver microsomal UDP-glucuronyltransferase activity through different and opposite mechanisms. <i>Chemico-Biological Interactions</i> , 2007 , 167, 1-11	5	7
7	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
6	Inhibition of cytosolic glutathione S-transferase activity from rat liver by copper. <i>Chemico-Biological Interactions</i> , 2006 , 164, 39-48	5	38
5	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
4	Microsomal UDP-Glucuronyltransferase in Rat Liver: Oxidative Activation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 96, 480-486	3.1	19
3	Possible mechanisms underlying copper-induced damage in biological membranes leading to cellular toxicity. <i>Chemico-Biological Interactions</i> , 2005 , 151, 71-82	5	172
2	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

- 1 In vitro activity and mechanism of action against the protozoan parasite *Trypanosoma cruzi* of 5-nitrofuryl containing thiosemicarbazones. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 4885-93 3.4 110