

# Mario Fañóndez

## List of Publications by Year in descending order

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37  
papers

1,342  
citations

430843

18  
h-index

361001

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, In Silico Studies and Inhibitory Activity towards Bcr-Abl, BTK and FLT3-ITD of New 2,6,9-Trisubstituted Purine Derivatives as Potential Agents for the Treatment of Leukaemia. <i>Pharmaceutics</i> , 2022, 14, 1294.	4.5	4
2	Biological activity of native Myrtaceae fruits from Chile as a potential functional food. <i>Natural Product Research</i> , 2021, , 1-5.	1.8	0
3	New Pyridone-Based Derivatives as Cannabinoid Receptor Type 2 Agonists. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11212.	4.1	10
4	Promising 2,6,9-Trisubstituted Purine Derivatives for Anticancer Compounds: Synthesis, 3D-QSAR, and Preliminary Biological Assays. <i>International Journal of Molecular Sciences</i> , 2020, 21, 161.	4.1	12
5	Nitrofurans beyond redox cycling: Evidence of Nitroreduction-independent cytotoxicity mechanism. <i>Toxicology and Applied Pharmacology</i> , 2020, 401, 115104.	2.8	22
6	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.	9.0	3
7	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.	4.9	4
8	Synthesis and biological evaluation of potential acetylcholinesterase inhibitors based on a benzoxazine core. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800024.	4.1	8
9	A New Kind of Quinonic-Antibiotic Useful Against Multidrug-Resistant <i>S. aureus</i> and <i>E. faecium</i> Infections. <i>Molecules</i> , 2018, 23, 1776.	3.8	11
10	Combined CoMFA and CoMSIA 3D-QSAR study of benzimidazole and benzothioephene derivatives with selective affinity for the CB2 cannabinoid receptor. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 1-10.	4.0	20
11	Effect of alpha lipoic acid on leukotriene A 4 hydrolase. <i>European Journal of Pharmacology</i> , 2017, 799, 41-47.	3.5	2
12	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.	3.5	8
13	NADPH oxidase activity: Spectrophotometric determination of superoxide using pyrogallol red. <i>Analytical Biochemistry</i> , 2017, 536, 96-100.	2.4	9
14	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.	3.0	7
15	Novel FXa Inhibitor Identification through Integration of Ligand- and Structure-Based Approaches. <i>Molecules</i> , 2017, 22, 1588.	3.8	8
16	Synthesis, binding assays, cytotoxic activity and docking studies of benzimidazole and benzothioephene derivatives with selective affinity for the CB2 cannabinoid receptor. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 17-35.	5.5	25
17	Electrochemical evaluation of ciprofloxacin adsorption on soil organic matter. <i>New Journal of Chemistry</i> , 2016, 40, 7132-7139.	2.8	19
18	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, 6808-6826.	3.8	26

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19	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.	1.2	4
20	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.	5.2	23
21	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.	3.0	46
22	Use of fluorine-doped tin oxide electrodes for lipoic acid determination in dietary supplements. <i>Journal of Electroanalytical Chemistry</i> , 2012, 668, 1-6.	3.8	44
23	Pyrogallol red oxidation induced by superoxide radicals: Application to evaluate redox cycling of nitro compounds. <i>Analytical Biochemistry</i> , 2011, 419, 284-291.	2.4	15
24	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, 144-161.	2.4	98
25	Melatonin protects the cytochrome P450 system through a novel antioxidant mechanism. <i>Chemico-Biological Interactions</i> , 2010, 185, 208-214.	4.0	20
26	<i>Trypanosoma cruzi</i> : In vitro effect of aspirin with nifurtimox and benznidazole. <i>Experimental Parasitology</i> , 2010, 124, 167-171.	1.2	30
27	Mechanisms underlying the inhibition of the cytochrome P450 system by copper ions. <i>Journal of Applied Toxicology</i> , 2009, 29, 695-702.	2.8	35
28	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.	3.2	34
29	Copper modifies liver microsomal UDP-glucuronyltransferase activity through different and opposite mechanisms. <i>Chemico-Biological Interactions</i> , 2007, 167, 1-11.	4.0	8
30	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 &amp; Integrative Physiology</i> , 2007, 146, 601-620.	1.8	281
31	Inhibition of cytosolic glutathione S-transferase activity from rat liver by copper. <i>Chemico-Biological Interactions</i> , 2006, 164, 39-48.	4.0	48
32	Microsomal UDP-Glucuronyltransferase in Rat Liver: Oxidative Activation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 480-486.	2.5	20
33	Possible mechanisms underlying copper-induced damage in biological membranes leading to cellular toxicity. <i>Chemico-Biological Interactions</i> , 2005, 151, 71-82.	4.0	202
34	Buthionine Sulfoximine Increases the Toxicity of Nifurtimox and Benznidazole to <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 126-130.	3.2	84
35	Liver microsomal biotransformation of nitro-aryl drugs: mechanism for potential oxidative stress induction. <i>Journal of Applied Toxicology</i> , 2004, 24, 519-525.	2.8	30
36	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, 4885-4893.	3.0	118

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37	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. Journal of the Brazilian Chemical Society, 0, , .	0.6	4