

Francisco Hernández-Luis

List of Publications by Year in descending order

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46
papers

1,518
citations

304602

22
h-index

315616

38
g-index

48
all docs

48
docs citations

48
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the antidiabetic and antidyslipidemic activity of a 1,5-diarylpyrazole by solid dispersion pre-formulation. <i>Chemical Papers</i> , 2022, 76, 5551-5560.	1.0	1
2	In Silico Characterization of Masitinib Interaction with SARS-CoV-2 Main Protease. <i>ChemMedChem</i> , 2021, 16, 2339-2344.	1.6	5
3	Genotoxicity assessment of four novel quinazoline-derived trypanocidal agents in the <i>Drosophila</i> wing somatic mutation and recombination test. <i>Mutagenesis</i> , 2020, 35, 299-310.	1.0	5
4	Design, Synthesis and Evaluation of 2,4-Diaminoquinazoline Derivatives as Potential Tubulin Polymerization Inhibitors. <i>ChemMedChem</i> , 2020, 15, 1802-1812.	1.6	4
5	Quinazolines as inhibitors of chromatin-associated proteins in histones. <i>Medicinal Chemistry Research</i> , 2019, 28, 395-416.	1.1	3
6	Evaluation of New Benzimidazole Derivatives as Cysticidal Agents: <i>In Vitro</i> , <i>In Vivo</i> and Docking Studies. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1293-1300.	0.6	1
7	Design, synthesis and cytotoxic evaluation of quinazoline-2,4,6-triamine and 2,6-diaminoquinazolin-4(3H)-one derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 1748-1756.	1.1	2
8	Systematic search for benzimidazole compounds and derivatives with antileishmanial effects. <i>Molecular Diversity</i> , 2018, 22, 779-790.	2.1	8
9	Synthesis and biological evaluation of 2-methyl-1H-benzimidazole-5-carbohydrazides derivatives as modifiers of redox homeostasis of <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3403-3407.	1.0	13
10	Species-Specific Inactivation of Triosephosphate Isomerase from <i>Trypanosoma brucei</i> : Kinetic and Molecular Dynamics Studies. <i>Molecules</i> , 2017, 22, 2055.	1.7	14
11	Synthesis and molecular docking of N ² -arylidene-5-(4-chlorophenyl)-1-(3,4-dichlorophenyl)-4-methyl-1H-pyrazole-3-carbohydrazides as novel hypoglycemic and antioxidant dual agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2298-2306.	1.4	33
12	Antileishmanial activity of quinazoline derivatives: Synthesis, docking screens, molecular dynamic simulations and electrochemical studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 314-331.	2.6	40
13	ENP11, a potential CB1R antagonist, induces anorexia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 135, 177-181.	1.3	5
14	1,5-Diarylpyrazole and vanillin hybrids: Synthesis, biological activity and DFT studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 106-118.	2.6	29
15	Design, synthesis and biological evaluation of quinazoline derivatives as anti-trypanosomatid and anti-plasmodial agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 296-307.	2.6	53
16	JVG9, a benzimidazole derivative, alters the surface and cytoskeleton of <i>Trypanosoma cruzi</i> bloodstream trypomastigotes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 757-760.	0.8	11
17	<i>In Vitro</i> antiparasitic activity of new thiosemicarbazones in strains of <i>Trypanosoma cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 23-29.	2.6	33
18	Analysis of the effect of a 2-(trifluoromethyl)-1H-benzimidazole derivative on <i>Trichinella spiralis</i> muscle larvae. <i>Veterinary Parasitology</i> , 2013, 194, 193-197.	0.7	15

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19	Albendazole and its derivative JVG9 induce encystation on <i>Giardia intestinalis</i> trophozoites. <i>Parasitology Research</i> , 2013, 112, 3251-3257.	0.6	7
20	RCB20, an experimental benzimidazole derivative, affects tubulin expression and induces gross anatomical changes in <i>Taenia crassiceps</i> cysticerci. <i>Parasitology Research</i> , 2013, 112, 2215-2226.	0.6	18
21	Activity landscape analysis, CoMFA and CoMSIA studies of pyrazole CB1 antagonists. <i>Medicinal Chemistry Research</i> , 2013, 22, 4133-4145.	1.1	8
22	Synthesis, hypoglycemic activity and molecular modeling studies of pyrazole-3-carbohydrazides designed by a CoMFA model. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 10-21.	2.6	40
23	Towards the identification of the binding site of benzimidazoles to β -tubulin of <i>Trichinella spiralis</i> : Insights from computational and experimental data. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 41, 12-19.	1.3	54
24	Synthesis and antiprotozoal activity of nitazoxanide- <i>N</i> -methylbenzimidazole hybrids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6838-6841.	1.0	29
25	Synthesis and antiprotozoal activity of novel 2-{[2-(1 <i>H</i> -imidazol-1-yl)ethyl]sulfanyl}-1 <i>H</i> -benzimidazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4221-4224.	1.0	48
26	In vitro and in vivo trypanocidal activity of some benzimidazole derivatives against two strains of <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 2012, 122, 108-112.	0.9	33
27	Effects of an antimalarial quinazoline derivative on human erythrocytes and on cell membrane molecular models. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 738-746.	1.4	22
28	Diversity in the supramolecular interactions of 5,6-dichloro-2-(trifluoromethyl)-1 <i>H</i> -benzimidazole with modified cyclodextrins: Implications for physicochemical properties and antiparasitic activity. <i>Carbohydrate Polymers</i> , 2012, 87, 471-479.	5.1	9
29	Exploring the interplay of physicochemical properties, membrane permeability and giardicidal activity of some benzimidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 193-204.	2.6	30
30	The design and inhibitory profile of new benzimidazole derivatives against triosephosphate isomerase from <i>Trypanosoma cruzi</i> : A problem of residue motility. <i>Journal of Molecular Graphics and Modelling</i> , 2011, 30, 90-99.	1.3	13
31	Antiprotozoal activity of proton-pump inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 7351-7354.	1.0	34
32	Studies on 6-chloro-5-(1-naphthyloxy)-2-(trifluoromethyl)-1 <i>H</i> -benzimidazole/2-hydroxypropyl- β -cyclodextrin association: Characterization, molecular modeling studies, and in vivo anthelmintic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 789-797.	1.4	16
33	Comparative molecular field analysis (CoMFA) and comparative molecular similarity indices analysis (CoMSIA) of some benzimidazole derivatives with trichomonocidal activity. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3499-3508.	2.6	23
34	Synthesis and biological activity of 2-(trifluoromethyl)-1 <i>H</i> -benzimidazole derivatives against some protozoa and <i>Trichinella spiralis</i> . <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3135-3141.	2.6	81
35	Antinociceptive effect of extracts and compounds from <i>Hofmeisteria schaffneri</i> . <i>Journal of Ethnopharmacology</i> , 2010, 131, 425-432.	2.0	27
36	An adenosine derivative compound, IFC305, reverses fibrosis and alters gene expression in a pre-established CCl ₄ -induced rat cirrhosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 287-296.	1.2	22

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37	Synthesis and in vitro cysticidal activity of new benzimidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1794-1800.	2.6	24
38	Synthesis and antiprotozoal activity of novel 1-methylbenzimidazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1724-1730.	1.4	61
39	Anthelmintic activity of benzimidazole derivatives against <i>Toxocara canis</i> second-stage larvae and <i>Hymenolepis nana</i> adults. <i>Acta Tropica</i> , 2009, 109, 232-235.	0.9	36
40	Synthesis and antiprotozoal activity of some 2-(trifluoromethyl)-1H-benzimidazole bioisosteres. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 135-141.	2.6	86
41	Synthesis and antiparasitic activity of albendazole and mebendazole analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 4615-4622.	1.4	77
42	Synthesis and antiparasitic activity of 1H-benzimidazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2221-2224.	1.0	222
43	Synthesis and antiparasitic activity of 2-(Trifluoromethyl)benzimidazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 187-190.	1.0	192
44	Synthesis and hydrolytic stability studies of albendazole carrier prodrugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 1359-1362.	1.0	16
45	Evaluation of Albendazole Prodrugs in Experimental Trichinellosis. <i>Archives of Medical Research</i> , 1999, 30, 368-374.	1.5	10
46	Preparation of N-methoxycarbonyl-N ² -[2-nitro-4(5)-propylthiophenyl]thiourea as prodrugs of albendazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2231-2236.	1.0	5