

Marcelo Zaldini Hernandez

List of Publications by Year in descending order

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57
papers

2,127
citations

236612

25
h-index

233125

45
g-index

58
all docs

58
docs citations

58
times ranked

3338
citing authors

#	ARTICLE	IF	CITATIONS
1	Streptomyces hygrosopicus UFPEDA 3370: A valuable source of the potent cytotoxic agent nigericin and its evaluation against human colorectal cancer cells. <i>Chemico-Biological Interactions</i> , 2021, 333, 109316.	1.7	2
2	NPCdc, a synthetic natriuretic peptide, is a substrate to neprilysin and enhances blood pressure-lowering induced by enalapril in 5/6 nephrectomized rats. <i>Toxicol</i> , 2021, 203, 30-39.	0.8	2
3	Chagas disease: Immunology of the disease at a glance. <i>Cytokine and Growth Factor Reviews</i> , 2021, 62, 15-22.	3.2	18
4	Immunogenicity of Potential CD4+ and CD8+ T Cell Epitopes Derived From the Proteome of <i>Leishmania braziliensis</i> . <i>Frontiers in Immunology</i> , 2020, 10, 3145.	2.2	4
5	Chagas Disease Treatment and Rational Drug Discovery: A Challenge That Remains. <i>Frontiers in Pharmacology</i> , 2019, 10, 873.	1.6	9
6	A docking-based structural analysis of geldanamycin-derived inhibitor binding to human or <i>Leishmania</i> Hsp90. <i>Scientific Reports</i> , 2019, 9, 14756.	1.6	15
7	Biological Evaluation of Arylsemicarbazone Derivatives as Potential Anticancer Agents. <i>Pharmaceuticals</i> , 2019, 12, 169.	1.7	9
8	Design, Synthesis and In Vitro Trypanocidal and Leishmanicidal Activities of 2-((2-aryliden)hydrazono)-4-oxothiazolidine-5-acetic Acid Derivatives. <i>ChemistrySelect</i> , 2019, 4, 13163-13172.	0.7	7
9	CycloMolder software: building theoretical cyclodextrin derivatives models and evaluating their host:guest interactions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 93, 301-308.	0.9	9
10	Elucidation of the mechanism of complexation between oncocalyxone A and cyclodextrins by isothermal titration calorimetry and molecular modeling. <i>Journal of Molecular Liquids</i> , 2019, 274, 165-172.	2.3	17
11	Synthesis, antitrypanosomal activity and molecular docking studies of pyrimidine derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 2512-2522.	1.1	5
12	Anti-hypersensitivity effects of the phthalimide derivative N-(4methyl-phenyl)-4-methylphthalimide in different pain models in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 503-512.	2.5	5
13	Supramolecular interactions between Î²-lapachone with cyclodextrins studied using isothermal titration calorimetry and molecular modeling. <i>Journal of Molecular Recognition</i> , 2017, 30, e2646.	1.1	10
14	Combination of In Silico Methods in the Search for Potential CD4+ and CD8+ T Cell Epitopes in the Proteome of <i>Leishmania braziliensis</i> . <i>Frontiers in Immunology</i> , 2016, 7, 327.	2.2	47
15	New 1,3-thiazole derivatives and their biological and ultrastructural effects on <i>Trypanosoma cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 387-398.	2.6	46
16	Molecular modeling and cytotoxicity of diffractaic acid: HP-Î²-CD inclusion complex encapsulated in microspheres. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 494-503.	3.6	15
17	New PPARÎ³ partial agonist improves obesity-induced metabolic alterations and atherosclerosis in LDLr ^{-/-} mice. <i>Pharmacological Research</i> , 2016, 104, 49-60.	3.1	26
18	Design, synthesis and structure-activity relationship of phthalimides endowed with dual antiproliferative and immunomodulatory activities. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 491-503.	2.6	34

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19	Thiosemicarbazones as <i>Aedes aegypti</i> larvicidal. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 162-175.	2.6	36
20	Synthesis, in vitro anticancer activity and in silico study of new disubstituted thiazolidinedione derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 3220-3226.	1.1	18
21	Structural Design, Synthesis and Structure-Activity Relationships of Thiazolidinones with Enhanced Anti-Trypanosoma cruzi Activity. <i>ChemMedChem</i> , 2014, 9, 177-188.	1.6	39
22	2-Pyridyl thiazoles as novel anti-Trypanosoma cruzi agents: Structural design, synthesis and pharmacological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 48-59.	2.6	86
23	Sulfonamide-metal complexes endowed with potent anti-Trypanosoma cruzi activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 230-236.	2.5	13
24	Isolation, homology modeling and renal effects of a C-type natriuretic peptide from the venom of the Brazilian yellow scorpion (<i>Tityus serrulatus</i>). <i>Toxicon</i> , 2013, 74, 19-26.	0.8	14
25	Synthesis and in vitro anticancer activity of novel thiazacridine derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 2421-2429.	1.1	23
26	Chemical synthesis, docking studies and biological effects of a pan peroxisome proliferator-activated receptor agonist and cyclooxygenase inhibitor. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 689-697.	1.9	18
27	Inhibition of Neurotoxic Secretory Phospholipases A2 Enzymatic, Edematogenic, and Myotoxic Activities by Harpalycin 2, an Isoflavone Isolated from <i>Harpalyce brasiliana</i> Benth. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	12
28	Structural Investigation of Anti-Trypanosoma cruzi 2-Iminothiazolidin-4-ones Allows the Identification of Agents with Efficacy in Infected Mice. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10918-10936.	2.9	55
29	Enhanced Antiproliferative Activity of the New Anticancer Candidate LPSF/AC04 in Cyclodextrin Inclusion Complexes Encapsulated into Liposomes. <i>AAPS PharmSciTech</i> , 2012, 13, 1355-1366.	1.5	26
30	The encapsulation of β -lapachone in 2-hydroxypropyl- β -cyclodextrin inclusion complex into liposomes: A physicochemical evaluation and molecular modeling approach. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 332-340.	1.9	59
31	Quercetin as an inhibitor of snake venom secretory phospholipase A2. <i>Chemico-Biological Interactions</i> , 2011, 189, 9-16.	1.7	62
32	Solid Dispersions of Imidazolidinedione by PEG and PVP Polymers with Potential Antischistosomal Activities. <i>AAPS PharmSciTech</i> , 2011, 12, 401-410.	1.5	22
33	The Use of Solid Dispersion Systems in Hydrophilic Carriers to Increase Benznidazole Solubility. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 2443-2451.	1.6	53
34	A theoretical study of red-shifting and blue-shifting hydrogen bonds occurring between imidazolidine derivatives and PEG/PVP polymers. <i>Journal of Molecular Modeling</i> , 2010, 16, 119-127.	0.8	38
35	Discovery of Phthalimides as Immunomodulatory and Antitumor Drug Prototypes. <i>ChemMedChem</i> , 2010, 5, 523-528.	1.6	35
36	Synthesis and anti-inflammatory activity of new arylidene-thiazolidine-2,4-diones as PPAR γ ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3805-3811.	1.4	86

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37	Studies toward the structural optimization of novel thiazolylhydrazone-based potent antitrypanosomal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7826-7835.	1.4	46
38	Halogen Atoms in the Modern Medicinal Chemistry: Hints for the Drug Design. <i>Current Drug Targets</i> , 2010, 11, 303-314.	1.0	528
39	Interaction of Morphine With a New μ -2-Adrenoceptor Agonist in Mice. <i>Journal of Pain</i> , 2010, 11, 71-78.	0.7	31
40	Novel Nitrofurazone Derivatives Endowed with Antimicrobial Activity. <i>Archiv Der Pharmazie</i> , 2008, 341, 655-660.	2.1	5
41	Estrutura, reatividade e propriedades biológicas de hidantoínas. <i>Quimica Nova</i> , 2008, 31, 614-622.	0.3	15
42	Synthesis, Cruzain Docking, and in vitro Studies of Aryl-4-Oxothiazolylhydrazones Against <i>Trypanosoma cruzi</i> . <i>ChemMedChem</i> , 2007, 2, 1339-1345.	1.6	50
43	A theoretical study of the solvent effects in ethylene oxide: Hydrofluoric acid complex using continuum and new discrete models. <i>Computational and Theoretical Chemistry</i> , 2007, 802, 91-97.	1.5	27
44	Synthesis, biological evaluation and molecular modeling studies of arylidene-thiazolidinediones with potential hypoglycemic and hypolipidemic activities. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 1263-1271.	2.6	46
45	Synthesis, docking, and in vitro activity of thiosemicarbazones, aminoacyl-thiosemicarbazides and acyl-thiazolidones against <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3749-3757.	1.4	98
46	AIPAR: ab initio parametrization of intermolecular potentials for computer simulations. <i>Journal of Molecular Modeling</i> , 2005, 11, 61-68.	0.8	7
47	Principal component analysis of the effects of wavefunction modification on the electrostatic potential of indole. <i>International Journal of Quantum Chemistry</i> , 2005, 102, 379-386.	1.0	1
48	Solute relaxation on the solvatochromism of ortho-betaine dyes. A sequential Monte Carlo/quantum mechanics study. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2088.	1.3	27
49	Chemometric study of liquid water simulations. I. The parameters of the TIP4P model potential. <i>Journal of Computational Chemistry</i> , 2003, 24, 973-981.	1.5	19
50	The use of the generator coordinate method for designing basis set. Application to oxo-diperoxo molybdenum complexes. <i>Computational and Theoretical Chemistry</i> , 2002, 589-590, 251-264.	1.5	10
51	AGOA: A Hydration Procedure and Its Application to the 1-Phenyl-beta-Carboline Molecule. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 36-42.	0.6	7
52	Molecular Structure of the Molybdenum Oxo-Diperoxo Compound $\text{MoO}(\text{O}_2)_2(\text{OPy})(\text{H}_2\text{O})$: A Computational and X-ray Study. <i>Inorganic Chemistry</i> , 2001, 40, 6022-6025.	1.9	28
53	Selective and mild oxidation of sulfides to sulfoxides by oxodiperoxo molybdenum complexes adsorbed onto silica gel. <i>Tetrahedron</i> , 2001, 57, 9669-9676.	1.0	60
54	Preparation, crystal structure determination, and properties of adducts of halogenomethyl compounds of indium with Group 16 donors. <i>Journal of Organometallic Chemistry</i> , 2001, 626, 68-75.	0.8	12

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55	Preparation, crystal structure determination and properties of adducts of indium methylene compounds with Group 15 donors. <i>Journal of Organometallic Chemistry</i> , 2000, 603, 203-212.	0.8	10
56	Coordination Chemistry of Br ₂ InCH ₂ Br: Coordination at the Metal Center. <i>Organometallics</i> , 1999, 18, 99-105.	1.1	13
57	Rotational features of carbon-nitrogen bonds in axially chiral o-tert-butyl anilides and related molecules. Potential substrates for the "prochiral auxiliary"™ approach to asymmetric synthesis. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3955-3975.	1.8	112