

Diogo Rodrigo Magalhaes Moreira

List of Publications by Year in descending order

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126708

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94
all docs

94
docs citations

94
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen Atoms in the Modern Medicinal Chemistry: Hints for the Drug Design. <i>Current Drug Targets</i> , 2010, 11, 303-314.	1.0	528
2	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
3	2-Pyridyl thiazoles as novel anti- <i>Trypanosoma cruzi</i> agents: Structural design, synthesis and pharmacological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 48-59.	2.6	86
4	Design, synthesis and cruzain docking of 3-(4-substituted-aryl)-1,2,4-oxadiazole-N-acylhydrazones as anti- <i>Trypanosoma cruzi</i> agents. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6682-6691.	1.4	84
5	Artemisinin (Iso)quinoline Hybrids by C-H Activation and Click Chemistry: Combating Multidrug-Resistant Malaria. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13066-13079.	7.2	78
6	Approaches for the Development of New Anti- <i>Trypanosoma cruzi</i> Agents. <i>Current Drug Targets</i> , 2009, 10, 212-231.	1.0	62
7	Structural Investigation of Anti- <i>Trypanosoma cruzi</i> 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
8	Design, synthesis and biological evaluation of 3-[4-(7-chloro-quinolin-4-yl)-piperazin-1-yl]-propionic acid hydrazones as antiprotozoal agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 67-76.	2.6	54
9	Synthesis and structure-activity relationship study of a new series of antiparasitic aryloxy thiosemicarbazones inhibiting <i>Trypanosoma cruzi</i> cruzain. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 818-835.	2.6	54
10	Novel piplartine-containing ruthenium complexes: synthesis, cell growth inhibition, apoptosis induction and ROS production on HCT116 cells. <i>Oncotarget</i> , 2017, 8, 104367-104392.	0.8	53
11	SAR, QSAR and Docking of Anticancer Flavonoids and Variants: A Review. <i>Current Topics in Medicinal Chemistry</i> , 2013, 12, 2785-2809.	1.0	51
12	Synthesis, Cruzain Docking, and in vitro Studies of Aryloxythiazolyldiazones Against <i>Trypanosoma cruzi</i> . <i>ChemMedChem</i> , 2007, 2, 1339-1345.	1.6	50
13	Dimeric Flavonoids from <i>Arrabidaea brachypoda</i> and Assessment of Their Anti- <i>Trypanosoma cruzi</i> Activity. <i>Journal of Natural Products</i> , 2014, 77, 1345-1350.	1.5	50
14	Conjugation of N-acylhydrazone and 1,2,4-oxadiazole leads to the identification of active antimalarial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5693-5701.	1.4	48
15	Ruthenium(II) complexes of 1,3-thiazolidine-2-thione: Cytotoxicity against tumor cells and anti- <i>Trypanosoma cruzi</i> activity enhanced upon combination with benznidazole. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 153-163.	1.5	48
16	Studies toward the structural optimization of novel thiazolyldiazone-based potent antitrypanosomal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7826-7835.	1.4	46
17	Evaluation of the Anti- <i>Schistosoma mansoni</i> Activity of Thiosemicarbazones and Thiazoles. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 352-363.	1.4	46
18	Conformational restriction of aryl thiosemicarbazones produces potent and selective anti- <i>Trypanosoma cruzi</i> compounds which induce apoptotic parasite death. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 467-478.	2.6	46

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19	Mechanism of Multivalent Nanoparticle Encounter with HIV-1 for Potency Enhancement of Peptide Triazole Virus Inactivation. <i>Journal of Biological Chemistry</i> , 2015, 290, 529-543.	1.6	46
20	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
21	A novel platinum complex containing a piplartine derivative exhibits enhanced cytotoxicity, causes oxidative stress and triggers apoptotic cell death by ERK/p38 pathway in human acute promyelocytic leukemia HL-60 cells. <i>Redox Biology</i> , 2019, 20, 182-194.	3.9	44
22	Antitumor and immunomodulatory activities of thiosemicarbazones and 1,3-Thiazoles in Jurkat and HT-29 cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 555-560.	2.5	43
23	Structural design, synthesis and pharmacological evaluation of thiazoles against <i>Trypanosoma cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 346-361.	2.6	43
24	Design and synthesis of potent anti- <i>Trypanosoma cruzi</i> agents new thiazoles derivatives which induce apoptotic parasite death. <i>European Journal of Medicinal Chemistry</i> , 2017, 130, 39-50.	2.6	40
25	Structural Design, Synthesis and Structure-Activity Relationships of Thiazolidinones with Enhanced Anti- <i>Trypanosoma cruzi</i> Activity. <i>ChemMedChem</i> , 2014, 9, 177-188.	1.6	39
26	In vitro and in vivo antiparasitic activity of <i>Physalis angulata</i> L. concentrated ethanolic extract against <i>Trypanosoma cruzi</i> . <i>Phytomedicine</i> , 2015, 22, 969-974.	2.3	39
27	Design, synthesis, molecular docking and biological evaluation of thiophen-2-iminothiazolidine derivatives for use against <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4228-4240.	1.4	38
28	Ruthenium complexes endowed with potent anti- <i>Trypanosoma cruzi</i> activity: Synthesis, biological characterization and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5038-5043.	1.4	37
29	Optimization of anti- <i>Trypanosoma cruzi</i> oxadiazoles leads to identification of compounds with efficacy in infected mice. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6423-6433.	1.4	37
30	Thiosemicarbazones as <i>Aedes aegypti</i> larvicidal. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 162-175.	2.6	36
31	Structural design, synthesis and pharmacological evaluation of 4-thiazolidinones against <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7478-7486.	1.4	35
32	Synthesis and antitumour evaluation of peptidyl-like derivatives containing the 1,3-benzodioxole system. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 351-357.	2.6	34
33	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
34	Antiparasitic evaluation of betulinic acid derivatives reveals effective and selective anti- <i>Trypanosoma cruzi</i> inhibitors. <i>Experimental Parasitology</i> , 2016, 166, 108-115.	0.5	33
35	Phthalimido-thiazoles as building blocks and their effects on the growth and morphology of <i>Trypanosoma cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 46-57.	2.6	33
36	Interactions of peptide triazole thiols with Env gp120 induce irreversible breakdown and inactivation of HIV-1 virions. <i>Retrovirology</i> , 2013, 10, 153.	0.9	32

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37	Structure-activity relationships of mononuclear metal-thiosemicarbazone complexes endowed with potent antiplasmodial and antiamebic activities. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6857-6864.	1.4	31
38	A Model of Peptide Triazole Entry Inhibitor Binding to HIV-1 gp120 and the Mechanism of Bridging Sheet Disruption. <i>Biochemistry</i> , 2013, 52, 2245-2261.	1.2	29
39	Ru(II) complexes containing uracil nucleobase analogs with cytotoxicity against tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2019, 198, 110751.	1.5	28
40	Synthesis of aryl-hydrazones via ultrasound irradiation in aqueous medium. <i>Tetrahedron Letters</i> , 2008, 49, 1538-1541.	0.7	27
41	Synthesis of 4-(2-ferrocenyl)-2,2,6,6-tetrapyridine: Characterization and antiprotozoal activity of Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 203-210.	2.8	27
42	Structural design, synthesis and substituent effect of hydrazone-N-acylhydrazones reveal potent immunomodulatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1971-1985.	1.4	27
43	Synthesis, in vitro and in vivo biological evaluation, COX-1/2 inhibition and molecular docking study of indole-N-acylhydrazone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5388-5396.	1.4	26
44	Palladium(II)/ N , N -disubstituted- N -acylthioureas complexes as anti- Mycobacterium tuberculosis and anti- Trypanosoma cruzi agents. <i>Polyhedron</i> , 2017, 132, 70-77.	1.0	25
45	Platinum(II)-chloroquine complexes are antimalarial agents against blood and liver stages by impairing mitochondrial function. <i>Metallomics</i> , 2017, 9, 1548-1561.	1.0	25
46	Correlation between DNA/HSA-interactions and antimalarial activity of acridine derivatives: Proposing a possible mechanism of action. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 189, 165-175.	1.7	23
47	Anti-inflammatory activity of novel thiosemicarbazone compounds indole-based as COX inhibitors. <i>Pharmacological Reports</i> , 2021, 73, 907-925.	1.5	23
48	Evaluation of naphthoquinones identified the acetylated isolapachol as a potent and selective antiplasmodium agent. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 615-621.	2.5	21
49	Recent Insights on the Medicinal Chemistry of Metal-Based Compounds: Hints for the Successful Drug Design. <i>Current Medicinal Chemistry</i> , 2010, 17, 3739-3750.	1.2	20
50	Chloroquine-containing organoruthenium complexes are fast-acting multistage antimalarial agents. <i>Parasitology</i> , 2016, 143, 1543-1556.	0.7	20
51	Ru(II)-thymine complexes: new metallodrug candidates against tumor cells. <i>New Journal of Chemistry</i> , 2018, 42, 6794-6802.	1.4	20
52	A new and efficient N-alkylation procedure for semicarbazides/semicarbazones derivatives. <i>Tetrahedron Letters</i> , 2007, 48, 3919-3923.	0.7	19
53	Physalins B and F, seco-steroids isolated from <i>Physalis angulata</i> L., strongly inhibit proliferation, ultrastructure and infectivity of <i>Trypanosoma cruzi</i> . <i>Parasitology</i> , 2013, 140, 1811-1821.	0.7	19
54	Cytotoxic and toxicological effects of phthalimide derivatives on tumor and normal murine cells. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 313-330.	0.3	19

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55	Nitro/Nitrosyl-Ruthenium Complexes Are Potent and Selective Anti-Trypanosoma cruzi Agents Causing Autophagy and Necrotic Parasite Death. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6044-6055.	1.4	18
56	Betulinic acid derivative BA5, a dual NF- κ B/calcineurin inhibitor, alleviates experimental shock and delayed hypersensitivity. <i>European Journal of Pharmacology</i> , 2017, 815, 156-165.	1.7	17
57	Phthaloyl amino acids as anti-inflammatory and immunomodulatory prototypes. <i>Medicinal Chemistry Research</i> , 2014, 23, 1701-1708.	1.1	16
58	A docking-based structural analysis of geldanamycin-derived inhibitor binding to human or Leishmania Hsp90. <i>Scientific Reports</i> , 2019, 9, 14756.	1.6	15
59	A Novel Hybrid of Chloroquine and Primaquine Linked by Gold(I): Multitarget and Multiphase Antiplasmodial Agent. <i>ChemMedChem</i> , 2021, 16, 662-678.	1.6	15
60	Non-natural Peptide Triazole Antagonists of HIV-1 Envelope gp120. <i>ChemMedChem</i> , 2013, 8, 322-328.	1.6	14
61	Aryl thiosemicarbazones: In vitro and immunomodulatory activities against <i>L. Amazonensis</i> . <i>Experimental Parasitology</i> , 2017, 177, 57-65.	0.5	14
62	Anti-inflammatory activity of SintMed65, an N-acylhydrazone derivative, in a mouse model of allergic airway inflammation. <i>International Immunopharmacology</i> , 2019, 75, 105735.	1.7	14
63	2-(phenylthio)ethylidene derivatives as anti-Trypanosoma cruzi compounds: Structural design, synthesis and antiparasitic activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 191-203.	2.6	14
64	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
65	The Role of the Iron Protoporphyrins Heme and Hematin in the Antimalarial Activity of Endoperoxide Drugs. <i>Pharmaceuticals</i> , 2022, 15, 60.	1.7	13
66	Novel phthalimide derivatives with TNF- α and IL-1 β expression inhibitory and apoptotic inducing properties. <i>MedChemComm</i> , 2014, 5, 758-765.	3.5	12
67	Structural isomerism of Ru(II)-carbonyl complexes: synthesis, characterization and their antitrypanosomal activities. <i>New Journal of Chemistry</i> , 2017, 41, 4468-4477.	1.4	12
68	Studies of Potency and Efficacy of an Optimized Artemisinin-Quinoline Hybrid against Multiple Stages of the Plasmodium Life Cycle. <i>Pharmaceuticals</i> , 2021, 14, 1129.	1.7	11
69	Betulinic Acid Derivative BA5, Attenuates Inflammation and Fibrosis in Experimental Chronic Chagas Disease Cardiomyopathy by Inducing IL-10 and M2 Polarization. <i>Frontiers in Immunology</i> , 2019, 10, 1257.	2.2	10
70	Structural improvement of new thiazolidinones compounds with antinociceptive activity in experimental chemotherapy-induced painful neuropathy. <i>Chemical Biology and Drug Design</i> , 2017, 90, 297-307.	1.5	9
71	Artemisinin-(Iso)quinoline Hybrids by C-H Activation and Click Chemistry: Combating Multidrug-Resistant Malaria. <i>Angewandte Chemie</i> , 2019, 131, 13200-13213.	1.6	9
72	Synthesis, crystal structure and leishmanicidal activity of new trimethoprim Ru(III), Cu(II) and Pt(II) metal complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 205, 111002.	1.5	8

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73	Synthesis of Aminoacyl thiazolidones as potential antitumour agents. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 121-126.	2.5	7
74	Synthesis and Antitumour Activity of the Primin (2-methoxy-6-n-pentyl-1,4-benzoquinone) and Analogues. <i>Medicinal Chemistry</i> , 2007, 3, 369-372.	0.7	7
75	A Novel High-Content Screening-Based Method for Anti-Trypanosoma cruzi Drug Discovery Using Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	7
76	Potential of Triterpenic Natural Compound Betulinic Acid for Neglected Tropical Diseases New Treatments. <i>Biomedicines</i> , 2022, 10, 831.	1.4	7
77	Intermolecular interaction of thiosemicarbazone derivatives to solvents and a potential Aedes aegypti target. <i>Journal of Molecular Structure</i> , 2015, 1093, 219-227.	1.8	6
78	Potent immunosuppressive activity of a phosphodiesterase-4 inhibitor N-acylhydrazone in models of lipopolysaccharide-induced shock and delayed-type hypersensitivity reaction. <i>International Immunopharmacology</i> , 2018, 65, 108-118.	1.7	6
79	Investigation of the antitrypanosomal effects of 2-formyl-8-hydroxyquinoline-derived hydrazones and their antimony(III) and bismuth(III) complexes. <i>New Journal of Chemistry</i> , 2019, 43, 18996-19002.	1.4	6
80	In Vitro, In Vivo and In Silico Effectiveness of LASSBio-1386, an N-Acyl Hydrazone Derivative Phosphodiesterase-4 Inhibitor, Against Leishmania amazonensis. <i>Frontiers in Pharmacology</i> , 2020, 11, 590544.	1.6	6
81	Synthesis and characterization of new amino acyl-4-thiazolidones. <i>Quimica Nova</i> , 2007, 30, 284-286.	0.3	5
82	Novel Nitrofurazone Derivatives Endowed with Antimicrobial Activity. <i>Archiv Der Pharmazie</i> , 2008, 341, 655-660.	2.1	5
83	In vitro and In Vivo Immunomodulatory Activity of Physalis angulata Concentrated Ethanolic Extract. <i>Planta Medica</i> , 2021, 87, 160-168.	0.7	5
84	A Betulinic Acid Derivative, BA5, Induces G0/G1 Cell Arrest, Apoptosis Like-Death, and Morphological Alterations in Leishmania sp. <i>Frontiers in Pharmacology</i> , 2022, 13, 846123.	1.6	5
85	A Hybrid of Amodiaquine and Primaquine Linked by Gold(I) Is a Multistage Antimalarial Agent Targeting Heme Detoxification and Thiol Redox Homeostasis. <i>Pharmaceutics</i> , 2022, 14, 1251.	2.0	5
86	Synthesis of pipartine analogs and preliminary findings on structure-antimicrobial activity relationship. <i>Medicinal Chemistry Research</i> , 2017, 26, 603-614.	1.1	4
87	Structural Insights Into Bioactive Thiazolidin-4-one: Experimental and Theoretical Data. <i>Letters in Organic Chemistry</i> , 2015, 12, 262-270.	0.2	4
88	Blocking IL-10 signaling with soluble IL-10 receptor restores in vitro specific lymphoproliferative response in dogs with leishmaniasis caused by Leishmania infantum. <i>PLoS ONE</i> , 2021, 16, e0239171.	1.1	3
89	Chemical and Pharmacological Properties of Decoquinatone: A Review of Its Pharmaceutical Potential and Future Perspectives. <i>Pharmaceutics</i> , 2022, 14, 1383.	2.0	3
90	Antimalarial Pyrido[1,2-b]benzimidazoles Exert Strong Parasiticidal Effects by Achieving High Cellular Uptake and Suppressing Heme Detoxification. <i>ACS Infectious Diseases</i> , 2022, 8, 1700-1710.	1.8	1

#	ARTICLE	IF	CITATIONS
91	Innenr¼cktitelbild: Artemisininâ€“(Iso)quinoline Hybrids by Câ”H Activation and Click Chemistry: Combating Multidrugâ€Resistant Malaria (Angew. Chem. 37/2019). Angewandte Chemie, 2019, 131, 13295-13295.	1.6	0