Diogo Rodrigo Magalhaes Moreira

List of Publications by Year
in descending order

91 papers	2,982 citations	126907 33 h-index	189892 50 g-index
94 all docs	94 docs citations	94 times ranked	4285 citing authors

#	Article	IF	Citations
1	The Role of the Iron Protoporphyrins Heme and Hematin in the Antimalarial Activity of Endoperoxide Drugs. Pharmaceuticals, 2022, 15, 60.	3.8	13
2	A Betulinic Acid Derivative, BA5, Induces G0/G1 Cell Arrest, Apoptosis Like-Death, and Morphological Alterations in Leishmania sp. Frontiers in Pharmacology, 2022, 13, 846123.	3.5	5
3	Potential of Triterpenic Natural Compound Betulinic Acid for Neglected Tropical Diseases New Treatments. Biomedicines, 2022, 10, 831.	3.2	7
4	A Hybrid of Amodiaquine and Primaquine Linked by Gold(I) Is a Multistage Antimalarial Agent Targeting Heme Detoxification and Thiol Redox Homeostasis. Pharmaceutics, 2022, 14, 1251.	4.5	5
5	Chemical and Pharmacological Properties of Decoquinate: A Review of Its Pharmaceutical Potential and Future Perspectives. Pharmaceutics, 2022, 14, 1383.	4.5	3
6	Antimalarial Pyrido[1,2-a]benzimidazoles Exert Strong Parasiticidal Effects by Achieving High Cellular Uptake and Suppressing Heme Detoxification. ACS Infectious Diseases, 2022, 8, 1700-1710.	3.8	1
7	A Novel Hybrid of Chloroquine and Primaquine Linked by Gold(I): Multitarget and Multiphase Antiplasmodial Agent. ChemMedChem, 2021, 16, 662-678.	3.2	15
8	In vitro and In Vivo Immunomodulatory Activity of Physalis angulata Concentrated Ethanolic Extract. Planta Medica, 2021, 87, 160-168.	1.3	5
9	Blocking IL-10 signaling with soluble IL-10 receptor restores in vitro specific lymphoproliferative response in dogs with leishmaniasis caused by Leishmania infantum. PLoS ONE, 2021, 16, e0239171.	2.5	3
10	Anti-inflammatory activity of novel thiosemicarbazone compounds indole-based as COX inhibitors. Pharmacological Reports, 2021, 73, 907-925.	3.3	23
11	A Novel High-Content Screening-Based Method for Anti-Trypanosoma cruzi Drug Discovery Using Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Stem Cells International, 2021, 2021, 1-12.	2.5	7
12	Studies of Potency and Efficacy of an Optimized Artemisinin-Quinoline Hybrid against Multiple Stages of the Plasmodium Life Cycle. Pharmaceuticals, 2021, 14, 1129.	3.8	11
13	In Vitro, In Vivo and In Silico Effectiveness of LASSBio-1386, an N-Acyl Hydrazone Derivative Phosphodiesterase-4 Inhibitor, Against Leishmania amazonensis. Frontiers in Pharmacology, 2020, 11, 590544.	3.5	6
14	Synthesis, crystal structure and leishmanicidal activity of new trimethoprim Ru(III), Cu(II) and Pt(II) metal complexes. Journal of Inorganic Biochemistry, 2020, 205, 111002.	3.5	8
15	Artemisininâ€“(Iso)quinoline Hybrids by Câ^'H Activation and Click Chemistry: Combating Multidrugâ€Resistant Malaria. Angewandte Chemie, 2019, 131, 13200-13213.	2.0	9
16	Anti-inflammatory activity of SintMed65, an N-acylhydrazone derivative, in a mouse model of allergic airway inflammation. International Immunopharmacology, 2019, 75, 105735.	3.8	14
17	2-(phenylthio)ethylidene derivatives as anti-Trypanosoma cruzi compounds: Structural design, synthesis and antiparasitic activity. European Journal of Medicinal Chemistry, 2019, 180, 191-203.	5.5	14
18	Artemisininâ€“(Iso)quinoline Hybrids by Câ^'H Activation and Click Chemistry: Combating Multidrugâ€Resistant Malaria. Angewandte Chemie - International Edition, 2019, 58, 13066-13079.	13.8	78

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19	Betulinic Acid Derivative BA5, Attenuates Inflammation and Fibrosis in Experimental Chronic Chagas Disease Cardiomyopathy by Inducing IL-10 and M2 Polarization. Frontiers in Immunology, 2019, 10, 1257.	4.8	10
20	A docking-based structural analysis of geldanamycin-derived inhibitor binding to human or Leishmania Hsp90. Scientific Reports, 2019, 9, 14756.	3.3	15
21	InnenrÃ¼cktitelbild: 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.	2.0	0
22	Ru(II) complexes containing uracil nucleobase analogs with cytotoxicity against tumor cells. Journal of Inorganic Biochemistry, 2019, 198, 110751.	3.5	28
23	Investigation of the antitrypanosomal effects of 2-formyl-8-hydroxyquinoline-derived hydrazones and their antimony(<scp>iii</scp>) and bismuth(<scp>iii</scp>) complexes. New Journal of Chemistry, 2019, 43, 18996-19002.	2.8	6
24	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. Redox Biology, 2019, 20, 182-194.	9.0	44
25	Structural design, synthesis and substituent effect of hydrazone-N-acylhydrazones reveal potent immunomodulatory agents. Bioorganic and Medicinal Chemistry, 2018, 26, 1971-1985.	3.0	27
26	Ru(<scp>ii</scp>)â€“thyminate complexes: new metallodrug candidates against tumor cells. New Journal of Chemistry, 2018, 42, 6794-6802.	2.8	20
27	Potent immunosuppressive activity of a phosphodiesterase-4 inhibitor N-acylhydrazone in models of lipopolysaccharide-induced shock and delayed-type hypersensitivity reaction. International Immunopharmacology, 2018, 65, 108-118.	3.8	6
28	Correlation between DNA/HSA-interactions and antimalarial activity of acridine derivatives: Proposing a possible mechanism of action. Journal of Photochemistry and Photobiology B: Biology, 2018, 189, 165-175.	3.8	23
29	Synthesis, in vitro and in vivo biological evaluation, COX-1/2 inhibition and molecular docking study of indole-N-acylhydrazone derivatives. Bioorganic and Medicinal Chemistry, 2018, 26, 5388-5396.	3.0	26
30	Synthesis of piplartine analogs and preliminary findings on structureâ€“antimicrobial activity relationship. Medicinal Chemistry Research, 2017, 26, 603-614.	2.4	4
31	Structural improvement of new thiazolidinones compounds with antinociceptive activity in experimental chemotherapyâ€induced painful neuropathy. Chemical Biology and Drug Design, 2017, 90, 297-307.	3.2	9
32	Desing and synthesis of potent anti-Trypanosoma cruzi agents new thiazoles derivatives which induce apoptotic parasite death. European Journal of Medicinal Chemistry, 2017, 130, 39-50.	5.5	40
33	Aryl thiosemicarbazones: InÂvitro and immunomodulatory activities against L.Âamazonensis. Experimental Parasitology, 2017, 177, 57-65.	1.2	14
34	Palladium(II)/ N , N -disubstituted- N â€²-acylthioureas complexes as anti- Mycobacterium tuberculosis and anti- Trypanosoma cruzi agents. Polyhedron, 2017, 132, 70-77.	2.2	25
35	Structural isomerism of Ru(<scp>ii</scp>)-carbonyl complexes: synthesis, characterization and their antitrypanosomal activities. New Journal of Chemistry, 2017, 41, 4468-4477.	2.8	12
36	Platinum(<scp>ii</scp>)â€“chloroquine complexes are antimalarial agents against blood and liver stages by impairing mitochondrial function. Metallomics, 2017, 9, 1548-1561.	2.4	25

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37	Structural design, synthesis and pharmacological evaluation of thiazoles against Trypanosoma cruzi. European Journal of Medicinal Chemistry, 2017, 141, 346-361.	5.5	43
38	Betulinic acid derivative BA5, a dual NF-kB/calcineurin inhibitor, alleviates experimental shock and delayed hypersensitivity. European Journal of Pharmacology, 2017, 815, 156-165.	3.5	17
39	Novel piplartine-containing ruthenium complexes: synthesis, cell growth inhibition, apoptosis induction and ROS production on HCT116 cells. Oncotarget, 2017, 8, 104367-104392.	1.8	53
40	New 1,3-thiazole derivatives and their biological and ultrastructural effects on Trypanosoma cruzi. European Journal of Medicinal Chemistry, 2016, 121, 387-398.	5.5	46
41	Antiparasitic evaluation of betulinic acid derivatives reveals effective and selective anti-Trypanosoma cruzi inhibitors. Experimental Parasitology, 2016, 166, 108-115.	1.2	33
42	Chloroquine-containing organoruthenium complexes are fast-acting multistage antimalarial agents. Parasitology, 2016, 143, 1543-1556.	1.5	20
43	Conjugation of N -acylhydrazone and 1,2,4-oxadiazole leads to the identification of active antimalarial agents. Bioorganic and Medicinal Chemistry, 2016, 24, 5693-5701.	3.0	48
44	Design, synthesis, molecular docking and biological evaluation of thiophen-2-iminothiazolidine derivatives for use against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry, 2016, 24, 4228-4240.	3.0	38
45	Antitumor and immunomodulatory activities of thiosemicarbazones and 1,3-Thiazoles in Jurkat and HT-29 cells. Biomedicine and Pharmacotherapy, 2016, 82, 555-560.	5.6	43
46	Phthalimido-thiazoles as building blocks and their effects on the growth and morphology of Trypanosoma cruzi. European Journal of Medicinal Chemistry, 2016, 111, 46-57.	5.5	33
47	Ruthenium(II) complexes of 1,3-thiazolidine-2-thione: Cytotoxicity against tumor cells and anti-Trypanosoma cruzi activity enhanced upon combination with benznidazole. Journal of Inorganic Biochemistry, 2016, 156, 153-163.	3.5	48
48	Cytotoxic and toxicological effects of phthalimide derivatives on tumor and normal murine cells. Anais Da Academia Brasileira De Ciencias, 2015, 87, 313-330.	0.8	19
49	Design, synthesis and structureâ€“activity relationship of phthalimides endowed with dual antiproliferative and immunomodulatory activities. European Journal of Medicinal Chemistry, 2015, 96, 491-503.	5.5	34
50	Thiosemicarbazones as Aedes aegypti larvicidal. European Journal of Medicinal Chemistry, 2015, 100, 162-175.	5.5	36
51	Mechanism of Multivalent Nanoparticle Encounter with HIV-1 for Potency Enhancement of Peptide Triazole Virus Inactivation. Journal of Biological Chemistry, 2015, 290, 529-543.	3.4	46
52	Synthesis and structureâ€“activity relationship study of a new series of antiparasitic aryloxyl thiosemicarbazones inhibiting Trypanosoma cruzi cruzain. European Journal of Medicinal Chemistry, 2015, 101, 818-835.	5.5	54
53	Intermolecular interaction of thiosemicarbazone derivatives to solvents and a potential Aedes aegypti target. Journal of Molecular Structure, 2015, 1093, 219-227.	3.6	6
54	In vitro and in vivo antiparasitic activity of Physalis angulata L. concentrated ethanolic extract against Trypanosoma cruzi. Phytomedicine, 2015, 22, 969-974.	5.3	39

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55	Structural design, synthesis and pharmacological evaluation of 4-thiazolidinones against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry, 2015, 23, 7478-7486.	3.0	35
56	Evaluation of naphthoquinones identified the acetylated isolapachol as a potent and selective antiplasmodium agent. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 615-621.	5.2	21
57	Structural Insights Into Bioactive Thiazolidin-4-one: Experimental and Theoretical Data. Letters in Organic Chemistry, 2015, 12, 262-270.	0.5	4
58	Evaluation of the Anti-Schistosoma mansoni Activity of Thiosemicarbazones and Thiazoles. Antimicrobial Agents and Chemotherapy, 2014, 58, 352-363.	3.2	46
59	Design, synthesis and biological evaluation of 3-[4-(7-chloro-quinolin-4-yl)-piperazin-1-yl]-propionic acid hydrazones as antiprotozoal agents. European Journal of Medicinal Chemistry, 2014, 75, 67-76.	5.5	54
60	Conformational restriction of aryl thiosemicarbazones produces potent and selective anti-Trypanosoma cruzi compounds which induce apoptotic parasite death. European Journal of Medicinal Chemistry, 2014, 75, 467-478.	5.5	46
61	Phthaloyl amino acids as anti-inflammatory and immunomodulatory prototypes. Medicinal Chemistry Research, 2014, 23, 1701-1708.	2.4	16
62	Synthesis of 4â€²-(2-ferrocenyl)-2,2â€²:6â€²2â€²â€²-terpyridine: Characterization and antiprotozoal activity of Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) complexes. European Journal of Medicinal Chemistry, 2014, 75, 203-210.	5.5	27
63	Structural Design, Synthesis and Structureâ€“Activity Relationships of Thiazolidinones with Enhanced Antiâ€Trypanosoma cruzi Activity. ChemMedChem, 2014, 9, 177-188.	3.2	39
64	Dimeric Flavonoids from Arrabidaea brachypoda and Assessment of Their Anti-Trypanosoma cruzi Activity. Journal of Natural Products, 2014, 77, 1345-1350.	3.0	50
65	Novel phthalimide derivatives with TNF-Î± and IL-1Î² expression inhibitory and apoptotic inducing properties. MedChemComm, 2014, 5, 758-765.	3.4	12
66	2-Pyridyl thiazoles as novel anti-Trypanosoma cruzi agents: Structural design, synthesis and pharmacological evaluation. European Journal of Medicinal Chemistry, 2014, 86, 48-59.	5.5	86
67	Nitro/Nitrosyl-Ruthenium Complexes Are Potent and Selective Anti-Trypanosoma cruzi Agents Causing Autophagy and Necrotic Parasite Death. Antimicrobial Agents and Chemotherapy, 2014, 58, 6044-6055.	3.2	18
68	Sulfonamideâ€“metal complexes endowed with potent anti-Trypanosoma cruzi activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 230-236.	5.2	13
69	Interactions of peptide triazole thiols with Env gp120 induce irreversible breakdown and inactivation of HIV-1 virions. Retrovirology, 2013, 10, 153.	2.0	32
70	Nonâ€natural Peptide Triazole Antagonists of HIVâ€1 Envelope gp120. ChemMedChem, 2013, 8, 322-328.	3.2	14
71	A Model of Peptide Triazole Entry Inhibitor Binding to HIV-1 gp120 and the Mechanism of Bridging Sheet Disruption. Biochemistry, 2013, 52, 2245-2261.	2.5	29
72	Physalins B and F,seco-steroids isolated fromPhysalis angulataL., strongly inhibit proliferation, ultrastructure and infectivity ofTrypanosoma cruzi. Parasitology, 2013, 140, 1811-1821.	1.5	19

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73	SAR, QSAR and Docking of Anticancer Flavonoids and Variants: A Review. Current Topics in Medicinal Chemistry, 2013, 12, 2785-2809.	2.1	51
74	Structural Investigation of Anti-Trypanosoma cruzi 2-Iminothiazolidin-4-ones Allows the Identification of Agents with Efficacy in Infected Mice. Journal of Medicinal Chemistry, 2012, 55, 10918-10936.	6.4	55
75	Optimization of anti-Trypanosoma cruzi oxadiazoles leads to identification of compounds with efficacy in infected mice. Bioorganic and Medicinal Chemistry, 2012, 20, 6423-6433.	3.0	37
76	Structureâ€“activity relationships of mononuclear metalâ€“thiosemicarbazone complexes endowed with potent antiplasmodial and antiamoebic activities. Bioorganic and Medicinal Chemistry, 2010, 18, 6857-6864.	3.0	31
77	Studies toward the structural optimization of novel thiazolylhydrazone-based potent antitrypanosomal agents. Bioorganic and Medicinal Chemistry, 2010, 18, 7826-7835.	3.0	46
78	Recent Insights on the Medicinal Chemistry of Metal-Based Compounds: Hints for the Successful Drug Design. Current Medicinal Chemistry, 2010, 17, 3739-3750.	2.4	20
79	Halogen Atoms in the Modern Medicinal Chemistry: Hints for the Drug Design. Current Drug Targets, 2010, 11, 303-314.	2.1	528
80	Ruthenium complexes endowed with potent anti-Trypanosoma cruzi activity: Synthesis, biological characterization and structureâ€“activity relationships. Bioorganic and Medicinal Chemistry, 2009, 17, 5038-5043.	3.0	37
81	Design, synthesis and cruzain docking of 3-(4-substituted-aryl)-1,2,4-oxadiazole-N-acylhydrazones as anti-Trypanosoma cruzi agents. Bioorganic and Medicinal Chemistry, 2009, 17, 6682-6691.	3.0	84
82	Approaches for the Development of New Anti-Trypanosoma cruzi Agents. Current Drug Targets, 2009, 10, 212-231.	2.1	62
83	Novel Nitrofurazone Derivatives Endowed with Antimicrobial Activity. Archiv Der Pharmazie, 2008, 341, 655-660.	4.1	5
84	Synthesis of aryl-hydrazones via ultrasound irradiation in aqueous medium. Tetrahedron Letters, 2008, 49, 1538-1541.	1.4	27
85	Synthesis and Antitumour Activity of the Primin (2-methoxy-6-n-pentyl-1,4-benzoquinone) and Analogues. Medicinal Chemistry, 2007, 3, 369-372.	1.5	7
86	Synthesis and characterization of new amino acyl-4-thiazolidones. Quimica Nova, 2007, 30, 284-286.	0.3	5
87	Synthesis, Cruzain Docking, and inâ€…vitro Studies of Arylâ€4â€Oxothiazolylhydrazones Against Trypanosoma cruzi. ChemMedChem, 2007, 2, 1339-1345.	3.2	50
88	A new and efficient N-alkylation procedure for semicarbazides/semicarbazones derivatives. Tetrahedron Letters, 2007, 48, 3919-3923.	1.4	19
89	Synthesis and antitumour evaluation of peptidyl-like derivatives containing the 1,3-benzodioxole system. European Journal of Medicinal Chemistry, 2007, 42, 351-357.	5.5	34
90	Synthesis ofÂaminoacyl thiaolidones asÂpotential antitumour agents. Biomedicine and Pharmacotherapy, 2006, 60, 121-126.	5.6	7

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91	Synthesis, docking, and in vitro activity of thiosemicarbazones, aminoacyl-thiosemicarbazides and acyl-thiazolidones against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry, 2006, 14, 3749-3757.	3.0	98