Diogo Teixeira Carvalho

List of Publications by Year
in descending order

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39 papers	543 citations	687335 13 h-index	713444 21 g-index
40 all docs	40 docs citations	40 times ranked	700 citing authors

#	Article	IF	Citations
1	Synthesis of eugenol-derived glucosides and evaluation of their ability in inhibiting the angiotensin converting enzyme. Natural Product Research, 2022, 36, 2246-2253.	1.8	5
2	Respiratory Inductance Plethysmography to Assess Fatigability during Repetitive Work. Sensors, 2022, 22, 4247.	3.8	3
3	Natural and Semi-synthetic Licarins: Neolignans with Multi-functional Biological Properties. Revista Brasileira De Farmacognosia, 2021, 31, 257-271.	1.4	1
4	Design, Synthesis, Antimicrobial Evaluation and in Silico Studies of Eugenolâ€Sulfonamide Hybrids. Chemistry and Biodiversity, 2021, 18, e2100066.	2.1	6
5	Molecular docking, quorum quenching effect, antibiofilm activity and safety profile of silver-complexed sulfonamide on Pseudomonas aeruginosa. Biofouling, 2021, 37, 555-571.	2.2	7
6	A New 1,2-Benzisoxazolin-3-one Synthetized from Eugenol Shows Anti- Candida Spp. Activity, Specially Against Opportunistic Candida Glabrata. Current Bioactive Compounds, 2021, 17, .	0.5	0
7	Synthesis and structural characterization of new benzylidene glycosides, cytotoxicity against cancer cell lines and molecular modeling studies. Journal of Molecular Structure, 2021, 1233, 130186.	3.6	4
8	Synthesis of New Hybrid Derivatives from Metronidazole and Eugenol Analogues as Trypanocidal Agents. Journal of Pharmacy and Pharmaceutical Sciences, 2021, 24, 421-434.	2.1	7
9	Coumarins as Potential Antiprotozoal Agents: Biological Activities and Mechanism of Action. Revista Brasileira De Farmacognosia, 2021, 31, 592-611.	1.4	3
10	Glucosylâ€1,2,3â€triazoles derived from eugenol and analogues: Synthesis, antiâ€Candida activity, and molecular modeling studies in CYPâ€51. Chemical Biology and Drug Design, 2021, 98, 903-913.	3.2	7
11	Synthesis, activity, and molecular modeling studies of 1,2,3â€triazole derivatives from natural phenylpropanoids as new trypanocidal agents. Chemical Biology and Drug Design, 2020, 95, 124-129.	3.2	19
12	Investigation of 8-methoxy-3-(4-nitrobenzoyl)-6-propyl-2H-chromen-2-one as a promising coumarin compound for the development of a new and orally effective antileishmanial agent. Molecular Biology Reports, 2020, 47, 8465-8474.	2.3	8
13	Allelochemical Activity of Eugenol-Derived Coumarins on Lactuca sativa L.. Plants, 2020, 9, 533.	3.5	13
14	Exploring how structural changes to new Licarin A derivatives effects their bioactive properties against rapid growing mycobacteria and biofilm formation. Microbial Pathogenesis, 2020, 144, 104203.	2.9	11
15	Leaf application of chitosan and physiological evaluation of maize hybrids contrasting for drought tolerance under water restriction. Brazilian Journal of Biology, 2020, 80, 631-640.	0.9	17
16	From Antibacterial to Antitumour Agents: A Brief Review on The Chemical and Medicinal Aspects of Sulfonamides. Mini-Reviews in Medicinal Chemistry, 2020, 20, 2052-2066.	2.4	45
17	The foliar application of a mixture of semisynthetic chitosan derivatives induces tolerance to water deficit in maize, improving the antioxidant system and increasing photosynthesis and grain yield. Scientific Reports, 2019, 9, 8164.	3.3	70
18	Phenylpropanoid-based sulfonamide promotes cyclin D1 and cyclin E down-regulation and induces cell cycle arrest at G1/S transition in estrogen positive MCF-7 cell line. Toxicology in Vitro, 2019, 59, 150-160.	2.4	31

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19	Synthesis and Biological Evaluation of New Eugenol-Derived 1,2,3-Triazoles as Antimycobacterial Agents. Journal of the Brazilian Chemical Society, 2019, , .	0.6	4
20	Synthesis, chemical characterization and antimicrobial activity of new acylhydrazones derived from carbohydrates. Journal of Molecular Structure, 2019, 1184, 349-356.	3.6	12
21	Action of N-Succinyl and N,O-Dicarboxymethyl Chitosan Derivatives on Chlorophyll Photosynthesis and Fluorescence in Drought-Sensitive Maize. Journal of Plant Growth Regulation, 2019, 38, 619-630.	5.1	26
22	Synthesis, activity, and docking studies of eugenolâ€based glucosides as new agents against Candida sp.. Chemical Biology and Drug Design, 2018, 92, 1514-1524.	3.2	27
23	In vitro and in vivo trypanocidal activities of 8â€methoxyâ€3â€(4â€nitrobenzoyl)â€6â€propylâ€2Hâ€cromenâ€2â€one, a new synthetic coumarin of low cytotoxicity against mammalian cells. Chemical Biology and Drug Design, 2018, 92, 1888-1898.	3.2	22
24	Synthesis of piplartine analogs and preliminary findings on structureâ€“antimicrobial activity relationship. Medicinal Chemistry Research, 2017, 26, 603-614.	2.4	4
25	The relationship between the antimicrobial activity of eugenol and the LPETG peptide structure and associated analysis for docking purposes. Chemical Papers, 2017, 71, 1877-1886.	2.2	6
26	Synthesis and in vitro evaluation of peracetyl and deacetyl glycosides of eugenol, isoeugenol and dihydroeugenol acting against food-contaminating bacteria. Food Chemistry, 2017, 237, 1025-1029.	8.2	16
27	Synthesis, protease inhibition, and antileishmanial activity of new benzoxazoles derived from acetophenone or benzophenone and synthetic precursors. Medicinal Chemistry Research, 2017, 26, 1149-1159.	2.4	3
28	Synthesis and in vitro evaluation of leishmanicidal activity of 7-hydroxy-4-phenylcoumarin derivatives. Medicinal Chemistry Research, 2017, 26, 131-139.	2.4	8
29	Antifungal Activity of New Eugenol-Benzoxazole Hybrids against Candida spp.. Journal of Chemistry, 2017, 2017, 1-8.	1.9	14
30	Design, Synthesis, Biological Evaluation and Molecular Modeling Studies of Novel Eugenol Esters as Leishmanicidal Agents. Journal of the Brazilian Chemical Society, 2017, , .	0.6	1
31	New Eugenol Glucosideâ€based Derivative Shows Fungistatic and Fungicidal Activity against Opportunistic Candida glabrata. Chemical Biology and Drug Design, 2016, 87, 83-90.	3.2	23
32	Synthesis and Biological Evaluation of New Eugenol Mannich Bases as Promising Antifungal Agents. Chemical Biology and Drug Design, 2015, 86, 459-465.	3.2	36
33	Synthesis and biological evaluation of novel piperidine-benzodioxole derivatives designed as potential leishmanicidal drug candidates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3346-3349.	2.2	8
34	Synthesis and antimicrobial activity of 6-triazolo-6-deoxy eugenol glucosides. Carbohydrate Research, 2015, 410, 1-8.	2.3	24
35	Synthesis and in vitro evaluation of antifungal and cytotoxic activities of eugenol glycosides. Medicinal Chemistry Research, 2014, 23, 496-502.	2.4	35
36	SÃntese e avaliaÃ§Ã£o preliminar da atividade antibacteriana e antifÃºngica de derivados N-acilidrazÃ´nicos. Quimica Nova, 2012, 35, 1566-1569.	0.3	7

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37	Towards sugar derivatives as toxin-blocking pharmaceuticals: STD NMR spectroscopy as versatile tool for affinity assessment in drug development. Comptes Rendus Chimie, 2011, 14, 96-101.	0.5	3
38	SÃntese de amidas e sulfonamidas de beta-D-galactopiranosilamina e beta-lactosilamina e avaliaÃ§Ã£o de suas interaÃ§Ãµes com lectinas de Erythrina cristagalli e de Ricinus communis. Quimica Nova, 2007, 30, 1267-1274.	0.3	7
39	Benzophenone Derivatives Showed Dual Anti-Inflammatory and Antiproliferative Activities by Inhibiting COX Enzymes and Promote Cyclin E Downregulation. Journal of the Brazilian Chemical Society, 0, , .	0.6	0