Davi Brasil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3095230/publications.pdf

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52	832	516561 16	501076 28
papers	citations	h-index	g-index

52	52	52	1241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption of basic dyes onto activated carbon: Experimental and theoretical investigation of chemical reactivity of basic dyes using DFT-based descriptors. Applied Surface Science, 2018, 448, 662-670.	3.1	124
2	Obtaining extracts rich in antioxidant polysaccharides from the edible mushroom Pleurotus ostreatus using binary system with hot water and supercritical CO2. Food Chemistry, 2020, 330, 127173.	4.2	62
3	Gastroprotective effect of aparisthman, a diterpene isolated from Aparisthmium cordatum, on experimental gastric ulcer models in rats and mice. Phytomedicine, 2001, 8, 94-100.	2.3	59
4	Mercury levels assessment in hair of riverside inhabitants of the TapajÃ³s River, ParÃ¡ State, Amazon, Brazil: Fish consumption as a possible route of exposure. Journal of Trace Elements in Medicine and Biology, 2015, 30, 66-76.	1.5	46
5	Naphthoquinones isolated from Eleutherine plicata herb: in vitro antimalarial activity and molecular modeling to investigate their binding modes. Medicinal Chemistry Research, 2020, 29, 487-494.	1.1	43
6	Combined Kinetic Studies and Computational Analysis on Kojic Acid Analogs as Tyrosinase Inhibitors. Molecules, 2014, 19, 9591-9605.	1.7	41
7	A SAR and QSAR Study of New Artemisinin Compounds with Antimalarial Activity. Molecules, 2014, 19, 367-399.	1.7	38
8	An In Silico Study of the Antioxidant Ability for Two Caffeine Analogs Using Molecular Docking and Quantum Chemical Methods. Molecules, 2018, 23, 2801.	1.7	38
9	Chemical profile of Lippia thymoides, evaluation of the acetylcholinesterase inhibitory activity of its essential oil, and molecular docking and molecular dynamics simulations. PLoS ONE, 2019, 14, e0213393.	1.1	34
10	Identification of Novel Protein Kinase Receptor Type 2 Inhibitors Using Pharmacophore and Structure-Based Virtual Screening. Molecules, 2018, 23, 453.	1.7	30
11	Evaluation of the Gastroprotective Activity of Cordatin, a Diterpene Isolated from Aparisthmium cordatum (Euphorbiaceae).. Biological and Pharmaceutical Bulletin, 2000, 23, 1465-1469.	0.6	29
12	Biotransformation of chalcones by the endophytic fungus Aspergillus flavus isolated from Paspalum maritimum trin. Journal of the Brazilian Chemical Society, 2011, 22, 1333-1338.	0.6	28
13	Virtual Screening and Statistical Analysis in the Design of New Caffeine Analogues Molecules with Potential Epithelial Anticancer Activity. Current Pharmaceutical Design, 2018, 24, 576-594.	0.9	28
14	H3PO4-activated carbons produced from aÃ§ai stones and Brazil nut shells: removal of basic blue 26 dye from aqueous solutions by adsorption. Environmental Science and Pollution Research, 2019, 26, 28533-28547.	2.7	25
15	A QSAR, Pharmacokinetic and Toxicological Study of New Artemisinin Compounds with Anticancer Activity. Molecules, 2014, 19, 10670-10697.	1.7	24
16	Leishmanicidal Activity of (+)-Phyllanthidine and the Phytochemical Profile of Margaritaria nobilis (Phyllanthaceae). Molecules, 2015, 20, 22157-22169.	1.7	24
17	Studies of NMR, molecular docking, and molecular dynamics simulation of new promising inhibitors of cruzaine from the parasite Trypanosoma cruzi. Medicinal Chemistry Research, 2019, 28, 246-259.	1.1	15
18	Rational Design of Antimalarial Drugs Using Molecular Modeling and Statistical Analysis. Current Pharmaceutical Design, 2015, 21, 4112-4127.	0.9	13

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19	Ligand- and structure-based virtual screening from 16-((diisobutylamino)methyl)-6Î±-hydroxyivouacapane-7Î²,17Î²-lactone a compound with potential anti-prostate cancer activity. Journal of the Serbian Chemical Society, 2019, 84, 153-174.	0.4	13
20	Crystal structure and theoretical calculations of Julocrotine, a natural product with antileishmanial activity. International Journal of Quantum Chemistry, 2008, 108, 513-520.	1.0	12
21	Molecular Modeling of the Major Compounds of Sesquiterpenes Class in Copaiba Oil-resin. British Journal of Pharmaceutical Research, 2015, 7, 247-263.	0.4	12
22	Essential oil composition of Croton palanostigma Klotzsch from north Brazil. Journal of the Brazilian Chemical Society, 2009, 20, 1188-1192.	0.6	11
23	Volatiles, A Glutarimide Alkaloid and Antimicrobial Effects of Croton pullei (Euphorbiaceae). Molecules, 2013, 18, 3195-3205.	1.7	11
24	Crystal structure and theoretical study of IR and ¹H and ¹³C NMR spectra of cordatin, a natural product with antiulcerogenic activity. International Journal of Quantum Chemistry, 2008, 108, 2564-2575.	1.0	10
25	Theoretical and experimental study of aparisthman: A natural product with anti-ulcer activity. International Journal of Quantum Chemistry, 2006, 106, 2706-2713.	1.0	8
26	Isolation, X-ray crystal structure and theoretical calculations of the new compound 8-Eepicordatin and identification of others terpenes and steroids from the bark and leaves of Croton palanostigma Klotzsch. Journal of the Brazilian Chemical Society, 2010, 21, 731-739.	0.6	8
27	Glycerol and fatty acid influences on the rheological and technological properties of composite films from residues of Cynoscion acoupa. Food Bioscience, 2020, 38, 100773.	2.0	6
28	Study of molecular interactions between Chitosan and Vi Antigen. Journal of Molecular Graphics and Modelling, 2017, 72, 148-155.	1.3	5
29	Theoretical study via DFT for prediction of 13C and 1H NMR data of two diterpenoids derived from the root of salvia grandifolia. Journal of the Serbian Chemical Society, 2019, 84, 591-598.	0.4	5
30	Identification of (â^')(E)-N-[2(S)-Hydroxy-2-(4-hydroxyphenyl) ethyl]ferulamide, a Natural Product Isolated from Croton Pullei: Theoretical and Experimental Analysis. International Journal of Molecular Sciences, 2011, 12, 9389-9403.	1.8	4
31	Antioxidant Activity of an Industrial Cupuassu Seed Byâ€product: Molecular Modeling of Phenolic Compounds. Chemical Engineering and Technology, 2019, 42, 397-406.	0.9	3
32	Biological activities of Croton palanostigma Klotzsch. Pharmacognosy Magazine, 2015, 11, 601.	0.3	3
33	Aspidosperma excelsum and its pharmacological potential: in silico studies of pharmacokinetic prediction, toxicological and biological activity. Research, Society and Development, 2020, 9, e3629108635.	0.0	3
34	In silico identification of novel allosteric inhibitors of Dengue virus NS2B/NS3 serine protease. Journal of the Serbian Chemical Society, 2022, 87, 693-706.	0.4	3
35	Density Functional Theory Calculations of the Nuclear Magnetic Resonance Parameters for Two Dihydrochalcones. Journal of Computational and Theoretical Nanoscience, 2012, 9, 953-956.	0.4	2
36	Structure modeling of a metalloendopeptidase from Corynebacterium pseudotuberculosis. Computers in Biology and Medicine, 2012, 42, 538-541.	3.9	2

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37	Processos de extraÃ§Ã£o e usos industriais de Ã³leos de andiroba e aÃ§aÃ: uma revisÃ£o. Research, Society and Development, 2021, 10, e229101220227.	0.0	2
38	Psicologia ambiental e problemas ambientais: uma revisÃ£o de literatura. Doxa Revista Brasileira De Psicologia E EducaÃ§Ã£o, 2020, 22, 108-122.	0.1	2
39	SÃntese e caracterizaÃ§Ã£o de zeÃ³lita tipo sodalita obtida a partir de resÃduo de caulim. Ceramica, 2020, 66, 404-412.	0.3	2
40	Ã“leo de Castanha-do-Brasil: mÃ©todos de extraÃ§Ã£o e aplicaÃ§Ãµes na indÃºstria. Research, Society and Development, 2022, 11, e29511427256.	0.0	2
41	Pharmaceutical and Biological Potential of the Croton palanostigma Isolated Compounds. Journal of Computational and Theoretical Nanoscience, 2019, 16, 1773-1782.	0.4	1
42	Estudo de quantificaÃ§Ã£o dos compostos fenÃ³licos, avaliaÃ§Ã£o das atividades antioxidante e antimicrobiana da casca do caule do Croton cajucara BENTH. Research, Society and Development, 2020, 9, e1929119742.	0.0	1
43	Isolation, Identification, predictions of biological activity and molecular docking of the diterpene jateorin obtained from the stem of odontocarya tamoides (D.C.) miers. Chemical Data Collections, 2019, 21, 100215.	1.1	0
44	Abordagens de modelagem para investigar a interaÃ§Ã£o entre Fulereno e Î²-Amiloide. Research, Society and Development, 2021, 10, e261101119585.	0.0	0
45	Crystal Structure of Limonoid 6-<I>O</I>-Acetylswietephragmin <I>E</I> and Theoretical Study of Nuclear Magnetic Resonance Spectra of Phragmalin Limonoids. Advanced Science Letters, 2012, 18, 150-157.	0.2	0
46	SaÃºde ambiental: uma anÃ¡lise situacional e a possibilidade de prevenÃ§Ã£o de doenÃ§as ambientais em RedenÃ§Ã£o-PA. Research, Society and Development, 2020, 9, e217996580.	0.0	0
47	Computational simulation of nanostructured lipid carrier containing lipids from Cupuassu (Theobroma grandiflorum) seed fat: Design, interaction and molecular dynamic study. Research, Society and Development, 2020, 9, e92191110433.	0.0	0
48	IMPLEMENTAÃ‡ÃƒO DO CAMPO DE FORÃ‡A CLAYFF NO GROMACS: UMA APLICAÃ‡ÃƒO EM ESTRUTURA DE CAULINITA. Quimica Nova, 0, , .	0.3	0
49	AnÃ¡lise isotÃ©rmica da atividade de Ã¡gua (aw) de sementes de pimenta-do-reino (Piper nigrum, L.) em cÃ¢mara de secagem. Revista Brasileira De Tecnologia Agroindustrial, 2020, 14, .	0.1	0
50	Atividades biolÃ³gicas da espÃ©cie spilanthes acmella: uma revisÃ£o. Research, Society and Development, 2021, 10, e404101422035.	0.0	0
51	ExtinÃ§Ã£o de copos descartÃ¡veis: anÃ¡lise ambiental e econÃ´mica em uma instituiÃ§Ã£o de ensino superior do sul do ParÃ¡. Research, Society and Development, 2020, 9, e2189108321.	0.0	0
52	GuaranÃ¡ (Paullinia cupana Kunth), marapuama (Ptychopetalum olacoides Benth.), genciana (Gentiana) Tj ETQq0 0 0 rgBT /Overlock 10 Development, 2022, 11, e21711224592.	0.0	0