

Rodrigo Maia de Pã;dua

List of Publications by Year in descending order

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54
papers

760
citations

567144

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642610

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54
all docs

54
docs citations

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times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitherpes activity of glucoevatromonoside, a cardenolide isolated from a Brazilian cultivar of <i>Digitalis lanata</i> . <i>Antiviral Research</i> , 2011, 92, 73-80.	1.9	78
2	Cytotoxic and cytostatic effects of digitoxigenin monodigitoxoside (DGX) in human lung cancer cells and its link to Na,K-ATPase. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 684-696.	2.5	34
3	<i>In Vitro</i> TNF- α Inhibitory Activity of Brazilian Plants and Anti-Inflammatory Effect of <i>Stryphnodendron adstringens</i> in an Acute Arthritis Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-15.	0.5	32
4	<i>Strychnos pseudoquina</i> A. St. Hil.: a Brazilian medicinal plant with promising <i>in vitro</i> antiherpes activity. <i>Journal of Applied Microbiology</i> , 2016, 121, 1519-1529.	1.4	30
5	Inhibition of cell proliferation, invasion and migration by the cardenolides digitoxigenin monodigitoxoside and convallatoxin in human lung cancer cell line. <i>Natural Product Research</i> , 2016, 30, 1327-1331.	1.0	30
6	A comprehensive stability-indicating HPLC method for determination of chloroquine in active pharmaceutical ingredient and tablets: Identification of oxidation impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 248-254.	1.4	30
7	A rapid simultaneous determination of methylxanthines and proanthocyanidins in Brazilian guaraná (<i>Paullinia cupana</i> Kunth.). <i>Food Chemistry</i> , 2018, 239, 180-188.	4.2	30
8	<i>Strychnos pseudoquina</i> and Its Purified Compounds Present an Effective <i>In Vitro</i> Antileishmanial Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	0.5	28
9	Cardiac Glycoside Glucoevatromonoside Induces Cancer Type-Specific Cell Death. <i>Frontiers in Pharmacology</i> , 2018, 9, 70.	1.6	28
10	Purification and characterization of malonyl-coenzyme A: 21-hydroxypregnane 21-O-malonyltransferase (Dp21MaT) from leaves of <i>Digitalis purpurea</i> L.. <i>Phytochemistry</i> , 2008, 69, 619-626.	1.4	23
11	Synthesis and cytotoxicity evaluation of glycosidic derivatives of lawsone against breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126817.	1.0	21
12	Biotransformation of digitoxigenin by <i>Fusarium ciliatum</i> . <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 614-619.	0.6	20
13	Biotransformation of 21-O-acetyl-deoxycorticosterone by cell suspension cultures of <i>Digitalis lanata</i> (strain W.1.4). <i>Steroids</i> , 2012, 77, 1373-1380.	0.8	20
14	Potential anti-herpes and cytotoxic action of novel semisynthetic digitoxigenin-derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 546-561.	2.6	17
15	Inhibition of the sphingosine-1-phosphate pathway promotes the resolution of neutrophilic inflammation. <i>European Journal of Immunology</i> , 2019, 49, 1038-1051.	1.6	17
16	Encapsulation of trans-aconitic acid in mucoadhesive microspheres prolongs the anti-inflammatory effect in LPS-induced acute arthritis. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 119, 112-120.	1.9	15
17	Esterification of trans-aconitic acid improves its anti-inflammatory activity in LPS-induced acute arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 87-95.	2.5	15
18	Mutagenic activity and chemical composition of phenolic-rich extracts of leaves from two species of <i>Ficus</i> medicinal plants. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 861-872.	1.1	15

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19	Synthesis of a novel series of 2,3,4-trisubstituted oxazolidines designed by isosteric replacement or rigidification of the structure and cytotoxic evaluation. <i>MedChemComm</i> , 2014, 5, 1693-1699.	3.5	14
20	Production of the Cytotoxic Cardenolide Glucoevatromonoside by Semisynthesis and Biotransformation of Evatromonoside by a <i>Digitalis lanata</i> Cell Culture. <i>Planta Medica</i> , 2017, 83, 1035-1043.	0.7	14
21	Purification of \hat{P} 5-3-ketosteroid isomerase from <i>Digitalis lanata</i> . <i>Phytochemistry</i> , 2015, 109, 6-13.	1.4	13
22	A Computational Approach Using Bioinformatics to Screening Drug Targets for <i>Leishmania infantum</i> Species. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	0.5	13
23	Cytotoxicity of AMANTADIG – a semisynthetic digitoxigenin derivative – alone and in combination with docetaxel in human hormone-refractory prostate cancer cells and its effect on Na ⁺ /K ⁺ -ATPase inhibition. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 464-474.	2.5	13
24	Ketamine can be produced by <i>Pochonia chlamydosporia</i> : an old molecule and a new anthelmintic?. <i>Parasites and Vectors</i> , 2020, 13, 527.	1.0	13
25	Polyphenol-rich extract and fractions of <i>Terminalia phaeocarpa</i> Eichler possess hypoglycemic effect, reduce the release of cytokines, and inhibit lipase, \hat{L} -glucosidase, and \hat{L} -amilase enzymes. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113847.	2.0	13
26	Biotransformation of digitoxigenin by <i>Cochliobolus lunatus</i> . <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1303-1310.	0.6	12
27	Expression of <i>3\hat{P}â€HSD</i> and <i>P5\hat{P}R</i> , Genes Respectively Coding for \hat{P} ⁵ - \hat{P} ³ -Hydroxysteroid Dehydrogenase and Progesterone \hat{P} ⁵ - \hat{P} ² -Reductase, in Leaves and Cell Cultures of <i>Digitalis lanata</i> <EHRH. <i>Planta Medica</i> , 2010, 76, 923-927.	0.7	12
28	Exploring the bioactivity potential of <i>Leonotis nepetifolia</i> : phytochemical composition, antimicrobial and antileishmanial activities of extracts from different anatomical parts. <i>Natural Product Research</i> , 2021, 35, 3120-3125.	1.0	12
29	Cytotoxic effects of the cardenolide convallatoxin and its Na,K-ATPase regulation. <i>Molecular and Cellular Biochemistry</i> , 2017, 428, 23-39.	1.4	11
30	Digitoxigenin presents an effective and selective antileishmanial action against <i>Leishmania infantum</i> and is a potential therapeutic agent for visceral leishmaniasis. <i>Parasitology Research</i> , 2021, 120, 321-335.	0.6	11
31	Long-circulating and fusogenic liposomes loaded with a glucoevatromonoside derivative induce potent antitumor response. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1152-1161.	2.5	10
32	A simple chemical method for synthesizing malonyl hemiesters of 21-hydroxypregnanes, potential intermediates in cardenolide biosynthesis. <i>Steroids</i> , 2008, 73, 458-465.	0.8	9
33	Elucidation of the mechanism of anti-herpes action of two novel semisynthetic cardenolide derivatives. <i>Archives of Virology</i> , 2020, 165, 1385-1396.	0.9	9
34	Liposomes co-encapsulating doxorubicin and glucoevatromonoside derivative induce synergic cytotoxic response against breast cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111123.	2.5	9
35	TNF- \hat{L} inhibition, antioxidant effects and chemical analysis of extracts and fraction from Brazilian guaranÃ; seed powder. <i>Food Chemistry</i> , 2021, 355, 129563.	4.2	9
36	The Cyclitol L-(+)-Bornesitol as an Active Marker for the Cardiovascular Activity of the Brazilian Medicinal Plant &Hancornia speciosa&. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 2076-2082.	0.6	8

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37	Bioguided chemical characterization of pequi (<i>Caryocar brasiliense</i>) fruit peels towards an anti-diabetic activity. <i>Food Chemistry</i> , 2021, 345, 128734.	4.2	8
38	The catalytic mechanism of the 3-ketosteroid isomerase of <i>Digitalis lanata</i> involves an intramolecular proton transfer and the activity is not associated with the 3 β -hydroxysteroid dehydrogenase activity. <i>Tetrahedron Letters</i> , 2016, 57, 1567-1571.	0.7	7
39	Determination of l-(+)-bornesitol, the hypotensive constituent of <i>Hancornia speciosa</i> , in rat plasma by LC-MS/MS and its application on a pharmacokinetic study. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110900.	2.5	7
40	(3,3 β)-Linked Biflavanones from <i>Ouratea spectabilis</i> and Their Effects on the Release of Proinflammatory Cytokines in THP-1 Cells. <i>Journal of Natural Products</i> , 2020, 83, 1891-1898.	1.5	7
41	<i>In vitro</i> and <i>in vivo</i> antileishmanial activity of 1 β -acetyl-digitoxin, a cardenolide of <i>Digitalis lanata</i> potentially useful to treat visceral leishmaniasis. <i>Parasite</i> , 2021, 28, 38.	0.8	6
42	Investigation of the cytotoxic activity of two novel digitoxigenin analogues on H460 lung cancer cells. <i>Anti-Cancer Drugs</i> , 2020, 31, 452-462.	0.7	5
43	cis-Aconitic Acid, a Constituent of <i>Echinodorus grandiflorus</i> Leaves, Inhibits Antigen-Induced Arthritis and Gout in Mice. <i>Planta Medica</i> , 2022, 88, 1123-1131.	0.7	5
44	Spontaneous butenolide ring formation of pregnane-21-O-malonyl hemiesters under mild reaction conditions is facilitated by the 14 β -hydroxy group present in all natural cardenolides. <i>Tetrahedron</i> , 2016, 72, 4556-4563.	1.0	4
45	Forced degradation of l-(+)-bornesitol, a bioactive marker of <i>Hancornia speciosa</i> : Development and validation of stability indicating UHPLC-MS method and effect of degraded products on ACE inhibition. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1093-1094, 31-38.	1.2	4
46	Phytoplankton Cultures for Tannin Biodegradation. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	4
47	Semisynthetic Cardenolides Acting as Antiviral Inhibitors of Influenza A Virus Replication by Preventing Polymerase Complex Formation. <i>Molecules</i> , 2020, 25, 4853.	1.7	3
48	Cytotoxicity of glucoevatromonoside alone and in combination with chemotherapy drugs and their effects on Na ⁺ ,K ⁺ -ATPase and ion channels on lung cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1825-1848.	1.4	3
49	Influence of the wavelength and intensity of LED lights and cytokinins on the growth rate and the concentration of total cardenolides in <i>Digitalis mariana</i> Boiss. ssp. <i>heywoodii</i> (P. Silva and M. Silva) Hinz cultivated <i>in vitro</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 151, 93-105.	1.2	3
50	Synthesis of a putative substrate for malonyl-coenzyme A: 21-hydroxypregnane 21-O-malonyltransferase and development of an HPLC method for the quantification of the enzyme reaction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 860, 195-201.	1.2	2
51	Effect of the Extract and Constituents From <i>Hancornia speciosa</i> Fruits in Osteoclasts. <i>Planta Medica International Open</i> , 2019, 6, e7-e14.	0.3	2
52	Anti-Zika Virus Activity of Plant Extracts Containing Polyphenols and Triterpenes on Vero CCL81 and Human Neuroblastoma SH-SY5Y Cells. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	2
53	New ^{99m} Tc-Labeled Digitoxigenin Derivative for Cancer Cell Identification. <i>ACS Omega</i> , 2019, 4, 22048-22056.	1.6	0
54	Synthesis of a putative substrate for malonyl-coenzyme A: 21-hydroxypregnane 21-O-malonyltransferase, an enzyme involved in cardenolide formation, and development of an HPLC method for the quantification of its malonylated derivative. <i>Planta Medica</i> , 2007, 73, .	0.7	0