

Luiz Carlos Klein-Junior

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49
papers

816
citations

16
h-index

28
g-index

51
ext. papers

978
ext. citations

3.7
avg, IF

4.01
L-index

#	Paper	IF	Citations
49	Alkaloids as a source of potential anticholinesterase inhibitors for the treatment of Alzheimer's disease. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 1701-25	4.8	115
48	Antiulcerogenic activity of extract, fractions, and some compounds obtained from <i>Polygala cyparissias</i> St. Hillaire & Moquin (Polygalaceae). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010 , 381, 121-6	3.4	62
47	Gastroprotective activity of essential oil of the <i>Syzygium aromaticum</i> and its major component eugenol in different animal models. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011 , 383, 149-58 ^{3,4}	3.4	59
46	Anti-hyperalgesic activity of corilagin, a tannin isolated from <i>Phyllanthus niruri</i> L. (Euphorbiaceae). <i>Journal of Ethnopharmacology</i> , 2013 , 146, 318-23	5	54
45	Antiulcer effects of <i>Achyrocline satureoides</i> (Lam.) DC (Asteraceae) (Marcela), a folk medicine plant, in different experimental models. <i>Journal of Ethnopharmacology</i> , 2010 , 130, 334-9	5	46
44	Gastroprotective activity of methanol extract and marrubiin obtained from leaves of <i>Marrubium vulgare</i> L. (Lamiaceae). <i>Journal of Pharmacy and Pharmacology</i> , 2011 , 63, 1230-7	4.8	42
43	Indole alkaloids and semisynthetic indole derivatives as multifunctional scaffolds aiming the inhibition of enzymes related to neurodegenerative diseases--a focus on <i>Psychotria</i> L. Genus. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 1056-75	3	33
42	Gastroprotective activity of hydroalcoholic extract obtained from the leaves of <i>Brassica oleracea</i> var. <i>acephala</i> DC in different animal models. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 503-7	5	32
41	Hypolipemic effect of <i>Garcinia cambogia</i> in obese women. <i>Phytotherapy Research</i> , 2014 , 28, 887-91	6.7	29
40	Xanthenes and Cancer: from Natural Sources to Mechanisms of Action. <i>Chemistry and Biodiversity</i> , 2020 , 17, e1900499	2.5	28
39	Hydroalcoholic extract of <i>Tagetes erecta</i> L. flowers, rich in the carotenoid lutein, attenuates inflammatory cytokine secretion and improves the oxidative stress in an animal model of ulcerative colitis. <i>Nutrition Research</i> , 2019 , 66, 95-106	4	27
38	Enlarging the bottleneck in the analysis of alkaloids: A review on sample preparation in herbal matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 80, 66-82	14.6	27
37	Targeted Isolation of Monoterpene Indole Alkaloids from <i>Palicourea sessilis</i> . <i>Journal of Natural Products</i> , 2017 , 80, 3032-3037	4.9	25
36	Anti-inflammatory and anti-hypersensitive effects of the crude extract, fractions and triterpenes obtained from <i>Chrysophyllum cainito</i> leaves in mice. <i>Journal of Ethnopharmacology</i> , 2014 , 151, 975-83	5	24
35	A pharmacognostic approach to the <i>Polygala</i> genus: phytochemical and pharmacological aspects. <i>Chemistry and Biodiversity</i> , 2012 , 9, 181-209	2.5	24
34	The therapeutic lead potential of metabolites obtained from natural sources for the treatment of peptic ulcer. <i>Phytochemistry Reviews</i> , 2012 , 11, 567-616	7.7	17
33	The use of chemometrics to study multifunctional indole alkaloids from <i>Psychotria nemorosa</i> (<i>Palicourea</i> comb. nov.). Part II: Indication of peaks related to the inhibition of butyrylcholinesterase and monoamine oxidase-A. <i>Journal of Chromatography A</i> , 2016 , 1463, 71-80	4.5	16

32	Three new monoterpene indole alkaloids from <i>Psychotria umbellata</i> Thonn.. <i>Tetrahedron Letters</i> , 2014 , 55, 4798-4800	2	14
31	The use of chemometrics to study multifunctional indole alkaloids from <i>Psychotria nemorosa</i> (Palicourea comb. nov.). Part I: Extraction and fractionation optimization based on metabolic profiling. <i>Journal of Chromatography A</i> , 2016 , 1463, 60-70	4.5	14
30	Anti-inflammatory and anti-hyperalgesic evaluation of the condiment laurel (<i>Litsea guatemalensis</i> Mez.) and its chemical composition. <i>Food Chemistry</i> , 2012 , 132, 1980-1986	8.5	12
29	Toxicological profile and acetylcholinesterase inhibitory potential of <i>Palicourea deflexa</i> , a source of Ecaboline alkaloids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017 , 201, 44-50	3.2	10
28	Beyond organoleptic characteristics: the pharmacological potential of flavonoids and their role in leukocyte migration and in L-selectin and α -integrin expression during inflammation. <i>Phytotherapy Research</i> , 2014 , 28, 1406-11	6.7	10
27	Role of gastric mucus secretion, oxinitrergic system and sulfhydryl groups on the gastroprotection elicited by <i>Polygala cyparissias</i> (Polygalaceae) in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 767-76	4.8	8
26	The catechol-O-methyltransferase inhibitory potential of Z-vallesiachotamine by in silico and in vitro approaches. <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 382-386	2	8
25	Bioactive Azepine-Indole Alkaloids from. <i>Journal of Natural Products</i> , 2020 , 83, 852-863	4.9	7
24	Quality Control of Herbal Medicines: From Traditional Techniques to State-of-the-art Approaches. <i>Planta Medica</i> , 2021 , 87, 964-988	3.1	7
23	The Protective Potential of <i>Phyllanthus niruri</i> and Corilagin on Gastric Lesions Induced in Rodents by Different Harmful Agents. <i>Planta Medica</i> , 2017 , 83, 30-39	3.1	6
22	The monoamine oxidase inhibitory activity of essential oils obtained from <i>Eryngium</i> species and their chemical composition. <i>Pharmaceutical Biology</i> , 2016 , 54, 1071-6	3.8	6
21	Aromatase (CYP19) inhibition by biflavonoids obtained from the branches of <i>Garcinia gardneriana</i> (Clusiaceae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019 , 74, 279-282	1.7	6
20	Antihyperalgesic activity of the methanol extract and some constituents obtained from <i>Polygala cyparissias</i> (Polygalaceae). <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 111, 145-53	3.1	6
19	Essential Oil Lacks Mutagenic Activity in the /Microsome and Micronucleus Assays. <i>Scientific World Journal, The</i> , 2016 , 2016, 3694901	2.2	6
18	Usnic acid enantiomers restore cognitive deficits and neurochemical alterations induced by A β n mice. <i>Behavioural Brain Research</i> , 2021 , 397, 112945	3.4	6
17	Experimental Design Methodologies for the Optimization of Chiral Separations: An Overview. <i>Methods in Molecular Biology</i> , 2019 , 1985, 453-478	1.4	5
16	A β berries (<i>Euterpe oleracea</i> Mart.) dried extract improves ethanol-induced ulcer in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2020 , 72, 1239-1244	4.8	5
15	Phenolic profile by HPLC-ESI-MS/MS of six Brazilian species and their potential as cholinesterase inhibitors. <i>Natural Product Research</i> , 2021 , 35, 2608-2611	2.3	5

14	The validation of <i>Calophyllum brasiliense</i> ("guanandi") uses in Brazilian traditional medicine as analgesic by in vivo antinociceptive evaluation and its chemical analysis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017 , 390, 733-739	3.4	3
13	The Monoamine Oxidase Inhibitory Activity of Essential Oils Obtained from <i>Peperomia Ruiz. & Pav.</i> (Piperaceae) Species and Their Chemical Composition. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016 , 19, 1762-1768	1.7	3
12	All that glitters is not gold: Panning cytotoxic natural products and derivatives with a fused tricyclic backbone by the estimation of their leadlikeness for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 1-10	6.8	3
11	Multifunctional Monoamine Oxidases and Cholinesterases Inhibitory Effects, as well as UPLC-DAD-MS Chemical Profile of Alkaloid Fractions Obtained from Species of the Palicoureeae Tribe. <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601100	0.9	2
10	Monoamine Oxidase Inhibitory Activity of Biflavonoids from Branches of <i>Garcinia gardneriana</i> (Clusiaceae). <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701200	0.9	2
9	Kopsanone and N-oxide isolated from <i>Mart.</i> (Apocynaceae) leaves and their MAO-A inhibitory activity. <i>Natural Product Research</i> , 2021 , 35, 5465-5469	2.3	1
8	An ultrasound assisted extraction-solid-phase extraction-ultra-performance liquid chromatography combined strategy for atropine determination in <i>Atropa belladonna</i> leaves. <i>Biomedical Chromatography</i> , 2021 , 35, e5053	1.7	1
7	<i>Psidium L.</i> genus: A review on its chemical characterization, preclinical and clinical studies. <i>Phytotherapy Research</i> , 2021 , 35, 4795-4803	6.7	0
6	Azepine-Indole Alkaloids From Modulate 5-HT Receptors and Prevent Protein Toxicity in Transgenic .. <i>Frontiers in Neuroscience</i> , 2022 , 16, 826289	5.1	0
5	Synthesis and characterization of Schiff base derivatives and its effect on urinary parameters of Wistar rats: A comparative analysis with different classes of diuretics. <i>Journal of Molecular Structure</i> , 2022 , 1260, 132849	3.4	0
4	Two morphotypes versus two chemotypes of <i>Psidium cattleianum</i> : Chemical and pharmacological comparison and a rational approach for marker selection.. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022 , 1199, 123247	3.2	0
3	Extraction Optimization of 5,7-Dihydroxy-6,8,4?-trimethoxyflavonol, a Bioactive Flavonoid from <i>Rubus rosifolius</i> (Rosaceae) Leaves. <i>Natural Product Communications</i> , 2019 , 14, 1934578X1901400	0.9	
2	Antiulcer Agents from Higher Plants 2012 , 241-262		
1	Liquid Chromatography for Plant Metabolite Profiling in the Field of Drug Discovery 2018 , 73-109		