Luiz Carlos Klein-Jnior

List of Publications by Year in Descending Order

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	Azepine-Indole Alkaloids From Modulate 5-HT Receptors and Prevent Protein Toxicity in Transgenic .. *Frontiers in Neuroscience*, **2022**, 16, 826289	5.1	0
48	Synthesis and characterization of Schiff base derivatives and its effect on urinary parameters of Wistar rats: A comparative analysis with different classes of diuretics. *Journal of Molecular Structure* , **2022**, 1260, 132849	3.4	0
47	Two morphotypes versus two chemotypes of Psidium cattleyanum: Chemical and pharmacological comparison and a rational approach for marker selection.. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2022**, 1199, 123247	3.2	0
46	Kopsanone and N-oxide isolated from Mart. (Apocynaceae) leaves and their MAO-A inhibitory activity. *Natural Product Research*, **2021**, 35, 5465-5469	2.3	1
45	Phenolic profile by HPLC-ESI-MS/MS of six Brazilian species and their potential as cholinesterase inhibitors. *Natural Product Research*, **2021**, 35, 2608-2611	2.3	5
44	Psidium L. genus: A review on its chemical characterization, preclinical and clinical studies. *Phytotherapy Research*, **2021**, 35, 4795-4803	6.7	0
43	Usnic acid enantiomers restore cognitive deficits and neurochemical alterations induced by A?n mice. *Behavioural Brain Research*, **2021**, 397, 112945	3.4	6
42	An ultrasound assisted extraction-solid-phase extraction-ultra-performance liquid chromatography combined strategy for atropine determination in Atropa belladonna leaves. *Biomedical Chromatography*, **2021**, 35, e5053	1.7	1
41	Quality Control of Herbal Medicines: From Traditional Techniques to State-of-the-art Approaches. *Planta Medica*, **2021**, 87, 964-988	3.1	7
40	A?berries (Euterpe oleracea Mart.) dried extract improves ethanol-induced ulcer in rats. *Journal of Pharmacy and Pharmacology*, **2020**, 72, 1239-1244	4.8	5
39	Bioactive Azepine-Indole Alkaloids from. *Journal of Natural Products*, **2020**, 83, 852-863	4.9	7
38	Xanthones and Cancer: from Natural Sources to Mechanisms of Action. *Chemistry and Biodiversity*, **2020**, 17, e1900499	2.5	28
37	Experimental Design Methodologies for the Optimization of Chiral Separations: An Overview. *Methods in Molecular Biology*, **2019**, 1985, 453-478	1.4	5
36	Hydroalcoholic extract of Tagetes erecta L. flowers, rich in the carotenoid lutein, attenuates inflammatory cytokine secretion and improves the oxidative stress in an animal model of ulcerative colitis. *Nutrition Research*, **2019**, 66, 95-106	4	27
35	Extraction Optimization of 5,7-Dihydroxy-6,8,4?-trimethoxyflavonol, a Bioactive Flavonoid from Rubus rosifolius (Rosaceae) Leaves. *Natural Product Communications*, **2019**, 14, 1934578X1901400	0.9	
34	Aromatase (CYP19) inhibition by biflavonoids obtained from the branches of Garcinia gardneriana (Clusiaceae). *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2019**, 74, 279-282	1.7	6
33	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. *European Journal of Medicinal Chemistry*, **2019**, 166, 1-10	6.8	3

32	Liquid Chromatography for Plant Metabolite Profiling in the Field of Drug Discovery **2018**, 73-109		
31	The Protective Potential of Phyllanthus niruri and Corilagin on Gastric Lesions Induced in Rodents by Different Harmful Agents. *Planta Medica*, **2017**, 83, 30-39	3.1	6
30	The validation of Calophyllum brasiliense ("guanandi") uses in Brazilian traditional medicine as analgesic by in vivo antinociceptive evaluation and its chemical analysis. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2017**, 390, 733-739	3.4	3
29	Toxicological profile and acetylcholinesterase inhibitory potential of Palicourea deflexa, a source of β-carboline alkaloids. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 201, 44-50	3.2	10
28	Targeted Isolation of Monoterpene Indole Alkaloids from Palicourea sessilis. *Journal of Natural Products*, **2017**, 80, 3032-3037	4.9	25
27	Monoamine Oxidase Inhibitory Activity of Biflavonoids from Branches of Garcinia gardneriana (Clusiaceae). *Natural Product Communications*, **2017**, 12, 1934578X1701200	0.9	2
26	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. *Natural Product Communications*, **2016**, 11, 1934578X1601100	0.9	2
25	The monoamine oxidase inhibitory activity of essential oils obtained from Eryngium species and their chemical composition. *Pharmaceutical Biology*, **2016**, 54, 1071-6	3.8	6
24	Enlarging the bottleneck in the analysis of alkaloids: A review on sample preparation in herbal matrices. *TrAC - Trends in Analytical Chemistry*, **2016**, 80, 66-82	14.6	27
23	Essential Oil Lacks Mutagenic Activity in the /Microsome and Micronucleus Assays. *Scientific World Journal, The*, **2016**, 2016, 3694901	2.2	6
22	The Monoamine Oxidase Inhibitory Activity of Essential Oils Obtained from Peperomia Ruiz. & Pav. (Piperaceae) Species and Their Chemical Composition. *Journal of Essential Oil-bearing Plants: JEOP*, **2016**, 19, 1762-1768	1.7	3
21	The use of chemometrics to study multifunctional indole alkaloids from Psychotria nemorosa (Palicourea comb. nov.). Part I: Extraction and fractionation optimization based on metabolic profiling. *Journal of Chromatography A*, **2016**, 1463, 60-70	4.5	14
20	The use of chemometrics to study multifunctional indole alkaloids from Psychotria nemorosa (Palicourea comb. nov.). Part II: Indication of peaks related to the inhibition of butyrylcholinesterase and monoamine oxidase-A. *Journal of Chromatography A*, **2016**, 1463, 71-80	4.5	16
19	The catechol-O-methyltransferase inhibitory potential of Z-vallesiachotamine by in silico and in vitro approaches. *Revista Brasileira De Farmacognosia*, **2015**, 25, 382-386	2	8
18	Three new monoterpene indole alkaloids from Psychotria umbellata Thonn.. *Tetrahedron Letters*, **2014**, 55, 4798-4800	2	14
17	Anti-inflammatory and anti-hypersensitive effects of the crude extract, fractions and triterpenes obtained from Chrysophyllum cainito leaves in mice. *Journal of Ethnopharmacology*, **2014**, 151, 975-83	5	24
16	Beyond organoleptic characteristics: the pharmacological potential of flavonoids and their role in leukocyte migration and in L-selectin and β-integrin expression during inflammation. *Phytotherapy Research*, **2014**, 28, 1406-11	6.7	10
15	Hypolipemic effect of Garcinia cambogia in obese women. *Phytotherapy Research*, **2014**, 28, 887-91	6.7	29

14	Indole alkaloids and semisynthetic indole derivatives as multifunctional scaffolds aiming the inhibition of enzymes related to neurodegenerative diseases--a focus on Psychotria L. Genus. *Current Topics in Medicinal Chemistry*, **2014**, 14, 1056-75	3	33
13	Role of gastric mucus secretion, oxinitrergic system and sulfhydryl groups on the gastroprotection elicited by Polygala cyparissias (Polygalaceae) in mice. *Journal of Pharmacy and Pharmacology*, **2013**, 65, 767-76	4.8	8
12	Alkaloids as a source of potential anticholinesterase inhibitors for the treatment of Alzheimer's disease. *Journal of Pharmacy and Pharmacology*, **2013**, 65, 1701-25	4.8	115
11	Anti-hyperalgesic activity of corilagin, a tannin isolated from Phyllanthus niruri L. (Euphorbiaceae). *Journal of Ethnopharmacology*, **2013**, 146, 318-23	5	54
10	Antihyperalgesic activity of the methanol extract and some constituents obtained from Polygala cyparissias (Polygalaceae). *Basic and Clinical Pharmacology and Toxicology*, **2012**, 111, 145-53	3.1	6
9	Antiulcer Agents from Higher Plants **2012**, 241-262		
8	The therapeutic lead potential of metabolites obtained from natural sources for the treatment of peptic ulcer. *Phytochemistry Reviews*, **2012**, 11, 567-616	7.7	17
7	A pharmacognostic approach to the Polygala genus: phytochemical and pharmacological aspects. *Chemistry and Biodiversity*, **2012**, 9, 181-209	2.5	24
6	Anti-inflammatory and anti-hyperalgesic evaluation of the condiment laurel (Litsea guatemalensis Mez.) and its chemical composition. *Food Chemistry*, **2012**, 132, 1980-1986	8.5	12
5	Gastroprotective activity of hydroalcoholic extract obtained from the leaves of Brassica oleracea var. acephala DC in different animal models. *Journal of Ethnopharmacology*, **2011**, 138, 503-7	5	32
4	Gastroprotective activity of methanol extract and marrubiin obtained from leaves of Marrubium vulgare L. (Lamiaceae). *Journal of Pharmacy and Pharmacology*, **2011**, 63, 1230-7	4.8	42
3	Gastroprotective activity of essential oil of the Syzygium aromaticum and its major component eugenol in different animal models. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2011**, 383, 149-58	3.4	59
2	Antiulcer effects of Achyrocline satureoides (Lam.) DC (Asteraceae) (Marcela), a folk medicine plant, in different experimental models. *Journal of Ethnopharmacology*, **2010**, 130, 334-9	5	46
1	Antiulcerogenic activity of extract, fractions, and some compounds obtained from Polygala cyparissias St. Hillaire & Moquin (Polygalaceae). *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2010**, 381, 121-6	3.4	62