

Luzia Kalyne Leal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4227894/publications.pdf>

Version: 2024-02-01

97
papers

2,595
citations

185998

28
h-index

223531

46
g-index

98
all docs

98
docs citations

98
times ranked

4387
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoids: biological activities and therapeutic potential. <i>Natural Product Research</i> , 2020, 34, 692-705.	1.0	230
2	Antinociceptive, anti-inflammatory and bronchodilator activities of Brazilian medicinal plants containing coumarin: a comparative study. <i>Journal of Ethnopharmacology</i> , 2000, 70, 151-159.	2.0	151
3	Anti-inflammatory effects and possible mechanism of action of lupeol acetate isolated from <i>Himatanthus drasticus</i> (Mart.) Plumel. <i>Journal of Inflammation</i> , 2010, 7, 60.	1.5	104
4	Anti-inflammatory properties of Doxycycline and Minocycline in experimental models: an in vivo and in vitro comparative study. <i>Inflammopharmacology</i> , 2011, 19, 99-110.	1.9	93
5	Anti-nociceptive and anti-inflammatory activities of (α)- β -bisabolol in rodents. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 525-533.	1.4	86
6	Antinociceptive and anti-inflammatory properties of the hydroalcoholic extract of stems from <i>Equisetum arvense</i> L. in mice. <i>Pharmacological Research</i> , 2004, 49, 239-243.	3.1	82
7	Neuroprotective Properties of the Standardized Extract from <i>Camellia sinensis</i> (Green Tea) and Its Main Bioactive Components, Epicatechin and Epigallocatechin Gallate, in the 6-OHDA Model of Parkinson's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	0.5	71
8	Piperine decreases pilocarpine-induced convulsions by GABAergic mechanisms. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 144-153.	1.3	66
9	Comparative anticonvulsant activities of the essential oils (EOs) from <i>Cymbopogon winterianus</i> Jowitt and <i>Cymbopogon citratus</i> (DC) Stapf. in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 381, 415-426.	1.4	60
10	Pectin from <i>Passiflora edulis</i> Shows Anti-inflammatory Action as well as Hypoglycemic and Hypotriglyceridemic Properties in Diabetic Rats. <i>Journal of Medicinal Food</i> , 2011, 14, 1118-1126.	0.8	57
11	Effects of hecogenin and its possible mechanism of action on experimental models of gastric ulcer in mice. <i>European Journal of Pharmacology</i> , 2012, 683, 260-269.	1.7	55
12	Valproic acid: an anticonvulsant drug with potent antinociceptive and anti-inflammatory properties. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 575-587.	1.4	54
13	Sedative and anticonvulsant effects of hydroalcoholic extract of <i>Equisetum arvense</i> . <i>Farmacoterapia</i> , 2005, 76, 508-513.	1.1	53
14	Mechanisms involved in the gastroprotective activity of esculin on acute gastric lesions in mice. <i>Chemico-Biological Interactions</i> , 2010, 188, 246-254.	1.7	50
15	The Microalga <i>Spirulina platensis</i> Presents Anti-inflammatory Action as well as Hypoglycemic and Hypolipidemic Properties in Diabetic Rats. <i>Journal of Complementary and Integrative Medicine</i> , 2012, 9, Article 17.	0.4	50
16	Effects of Agomelatine on Oxidative Stress in the Brain of Mice After Chemically Induced Seizures. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 825-835.	1.7	47
17	Caffeine and CSC, adenosine A2A antagonists, offer neuroprotection against 6-OHDA-induced neurotoxicity in rat mesencephalic cells. <i>Neurochemistry International</i> , 2010, 56, 51-58.	1.9	45
18	Vitamin D (VD3) antioxidative and anti-inflammatory activities: Peripheral and central effects. <i>European Journal of Pharmacology</i> , 2020, 879, 173099.	1.7	45

#	ARTICLE	IF	CITATIONS
19	Acute effects of guarana (<i>Paullinia cupana</i> Mart.) on mouse behaviour in forced swimming and open field tests. <i>Phytotherapy Research</i> , 2005, 19, 441-443.	2.8	44
20	Bisabolol-Induced Gastroprotection Against Acute Gastric Lesions: Role of Prostaglandins, Nitric Oxide, and K^{+} -ATP Channels. <i>Journal of Medicinal Food</i> , 2009, 12, 1403-1406.	0.8	44
21	Neuroprotective Activities of <i>Spirulina platensis</i> in the 6-OHDA Model of Parkinson's Disease Are Related to Its Anti-Inflammatory Effects. <i>Neurochemical Research</i> , 2017, 42, 3390-3400.	1.6	42
22	Amburoside A, a glucoside from <i>Amburana cearensis</i> , protects mesencephalic cells against 6-hydroxydopamine-induced neurotoxicity. <i>Neuroscience Letters</i> , 2005, 388, 86-90.	1.0	41
23	Evidence for protective effect of lipoic acid and desvenlafaxine on oxidative stress in a model depression in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 142-148.	2.5	41
24	Anti-inflammatory and smooth muscle relaxant activities of the hydroalcoholic extract and chemical constituents from <i>Amburana cearensis</i> A. C. Smith. <i>Phytotherapy Research</i> , 2003, 17, 335-340.	2.8	36
25	Red propolis ameliorates ischemic-reperfusion acute kidney injury. <i>Phytomedicine</i> , 2015, 22, 787-795.	2.3	36
26	Eugenol as a Promising Molecule for the Treatment of Dermatitis: Antioxidant and Anti-inflammatory Activities and Its Nanoformulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	1.9	33
27	A comparative chemical and pharmacological study of standardized extracts and vanillic acid from wild and cultivated <i>Amburana cearensis</i> A.C. Smith. <i>Phytomedicine</i> , 2011, 18, 230-233.	2.3	31
28	Eicosapentaenoic acid and docosahexaenoic acid exert anti-inflammatory and antinociceptive effects in rodents at low doses. <i>Nutrition Research</i> , 2013, 33, 422-433.	1.3	30
29	<i>Caryocar coriaceum</i> Wittm. (Pequi) fixed oil presents hypolipemic and anti-inflammatory effects in vivo and in vitro. <i>Journal of Ethnopharmacology</i> , 2016, 191, 87-94.	2.0	29
30	The anti-inflammatory effects of N-methyl-(2S,4R)-trans-4-hydroxy-l-proline from <i>Syderoxylon obtusifolium</i> are related to its inhibition of TNF-alpha and inflammatory enzymes. <i>Phytomedicine</i> , 2017, 24, 14-23.	2.3	29
31	Effects of standard ethanolic extract from <i>Erythrina velutina</i> in acute cerebral ischemia in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1230-1239.	2.5	27
32	Antiproliferative Effects of Several Compounds Isolated from <i>Amburana cearensis</i> A. C. Smith. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 675-680.	0.6	26
33	Anxiolytic-like effects of standardized extract of <i>Justicia pectoralis</i> (SEJP) in mice: Involvement of GABA/benzodiazepine receptor. <i>Phytotherapy Research</i> , 2011, 25, 444-450.	2.8	25
34	Mechanisms underlying the relaxation induced by isokaempferide from <i>Amburana cearensis</i> in the guinea-pig isolated trachea. <i>Life Sciences</i> , 2006, 79, 98-104.	2.0	23
35	Cloak and dagger: the case for adult onset still disease and hemophagocytic lymphohistiocytosis. <i>Rheumatology International</i> , 2009, 29, 973-974.	1.5	23
36	Effects of Amburoside A and Isokaempferide, Polyphenols from <i>Amburana cearensis</i> , on Rodent Inflammatory Processes and Myeloperoxidase Activity in Human Neutrophils. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 198-205.	1.2	22

#	ARTICLE	IF	CITATIONS
37	First isolation and antinociceptive activity of a lipid transfer protein from noni (<i>Morinda citrifolia</i>) seeds. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 71-79.	3.6	22
38	Polysaccharides from <i>Caesalpinia ferrea</i> seeds – Chemical characterization and anti-diabetic effects in Wistar rats. <i>Food Hydrocolloids</i> , 2017, 65, 68-76.	5.6	22
39	Dry Extract of <i>Matricaria recutita</i> L. (Chamomile) Prevents Ligature-Induced Alveolar Bone Resorption in Rats via Inhibition of Tumor Necrosis Factor- α and Interleukin-1 β . <i>Journal of Periodontology</i> , 2016, 87, 706-715.	1.7	21
40	Antidepressant, antioxidant and neurotrophic properties of the standardized extract of <i>Cocos nucifera</i> husk fiber in mice. <i>Journal of Natural Medicines</i> , 2016, 70, 510-521.	1.1	21
41	<i>Justicia pectoralis</i> , a coumarin medicinal plant have potential for the development of antiasthmatic drugs?. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 794-802.	0.6	21
42	Antioxidant Effects in the Quinone Fraction from <i>Auxemma oncocalyx</i> TAUB.. <i>Biological and Pharmaceutical Bulletin</i> , 2003, 26, 595-599.	0.6	20
43	Protective Effects of Amburoside A, a Phenol Glucoside from <i>Amburana cearensis</i> , against CCl ₄ -Induced Hepatotoxicity in Rats. <i>Planta Medica</i> , 2008, 74, 497-502.	0.7	20
44	Coumarin effects on amino acid levels in mice prefrontal cortex and hippocampus. <i>Neuroscience Letters</i> , 2009, 454, 139-142.	1.0	20
45	In vivo and in vitro anti-inflammatory and anti-nociceptive activities of lovastatin in rodents. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 173-181.	0.7	20
46	Antiplatelet effects of pipartine, an alkalamide isolated from <i>Piper tuberculatum</i> : possible involvement of cyclooxygenase blockade and antioxidant activity. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 511-515.	1.2	20
47	Pentoxifylline Neuroprotective Effects Are Possibly Related to Its Anti-Inflammatory and TNF-Alpha Inhibitory Properties, in the 6-OHDA Model of Parkinson's Disease. <i>Parkinson's Disease</i> , 2015, 2015, 1-15.	0.6	19
48	Antinociceptive and antiedematogenic effects of the hydroalcoholic extract and coumarin from <i>Torresea cearensis</i> Fr. All.. <i>Phytomedicine</i> , 1997, 4, 221-227.	2.3	18
49	Antiplatelet Effect of Lonchocarpin and Derricin Isolated from <i>Lonchocarpus sericeus</i> .. <i>Pharmaceutical Biology</i> , 2005, 43, 726-731.	1.3	18
50	<i>Justicia pectoralis</i> Jacq. , Acanthaceae: preparation and characterisation of the plant drug including chromatographic analysis by HPLC-PDA. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 871-877.	0.6	18
51	Afromosin, an Isoflavonoid from <i>Amburana cearensis</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 113, 363-369.	1.2	18
52	Cognitive enhancement in aged rats after chronic administration of L. with demonstrated antioxidant properties in vitro. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 593-600.	1.3	16
53	Antinociceptive and Anti-inflammatory Effects of Ketamine and the Relationship to Its Antidepressant Action and GSK3 Inhibition. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 562-573.	1.2	16
54	Evaluation of oxidative stability of soybean biodiesel using ethanolic and chloroform extracts of <i>Platymiscium floribundum</i> as antioxidant. <i>Renewable Energy</i> , 2020, 159, 767-774.	4.3	15

#	ARTICLE	IF	CITATIONS
55	Monocrotaline: Histological Damage and Oxidant Activity in Brain Areas of Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-10.	1.9	14
56	Chalcones from <i>Myracrodruon urundeuva</i> are efficacious in guinea pig ovalbumin-induced allergic conjunctivitis. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 953-962.	0.6	12
57	Inhibitory effects of a standardized extract of <i>Justicia pectoralis</i> in an experimental rat model of airway hyper-responsiveness. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 722-732.	1.2	12
58	The Wound Healing Property of N-Methyl-(2S,4R)-trans-4-Hydroxy-L-Proline from <i>Sideroxylon obtusifolium</i> is Related to its Anti-Inflammatory and Antioxidant Actions. <i>Journal of Evidence-based Integrative Medicine</i> , 2019, 24, 2515690X1986516.	1.4	12
59	Hemocompatibility of 2,6-O-sulfated chitosan films. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47128.	1.3	12
60	Studies on the anti-oedematogenic properties of a fraction rich in lonchocarpin and derricin isolated from <i>Lonchocarpus sericeus</i> . <i>Natural Product Research</i> , 2009, 23, 1677-1688.	1.0	11
61	The Effect of a Selective Inhibitor of Phosphodiesterase-9 on Oxidative Stress, Inflammation and Cytotoxicity in Neutrophils from Patients with Sickle Cell Anaemia. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 271-278.	1.2	11
62	<i>Uncaria tomentosa</i> reduces osteoclastic bone loss in vivo. <i>Phytomedicine</i> , 2020, 79, 153327.	2.3	11
63	Anti-inflammatory activities of the hydroalcoholic extracts from <i>Erythrina velutina</i> and <i>E. mulungu</i> in mice. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 1155-1158.	0.6	10
64	<i>Aspidosperma pyriforme</i> Mart: neuroprotective, antioxidant and anti-inflammatory effects in a Parkinson's disease model in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 787-796.	1.2	10
65	Toxicological Study of the Hydroalcoholic Extract from <i>Amburana cearensis</i> in Rats. <i>Pharmaceutical Biology</i> , 2003, 41, 308-314.	1.3	9
66	Imidazole alkaloids inhibit the pro-inflammatory mechanisms of human neutrophil and exhibit anti-inflammatory properties <i>in vivo</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 849-859.	1.2	9
67	Central nervous system effects of the essential oil of the leaves of <i>Alpinia zerumbet</i> in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 1521-1527.	1.2	9
68	The <i>Operculina macrocarpa</i> (L.) Urb. (jalapa) tincture modulates human blood platelet aggregation. <i>Journal of Ethnopharmacology</i> , 2014, 151, 151-157.	2.0	8
69	<i>Triplaris gardneriana</i> seeds extract exhibits <i>in vitro</i> anti-inflammatory properties in human neutrophils after oxidative treatment. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112474.	2.0	8
70	Disorders on cardiovascular parameters in rats and in human blood cells caused by <i>Lachesis acrochorda</i> snake venom. <i>Toxicon</i> , 2020, 184, 180-191.	0.8	8
71	Cashew apple pectin as a carrier matrix for mangiferin: Physicochemical characterization, <i>in vitro</i> release and biological evaluation in human neutrophils. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 275-287.	3.6	8
72	±-Glucosidase inhibitory activity of mangiferin-loaded F127/PEG micellar system. <i>Materials Letters</i> , 2019, 255, 126522.	1.3	7

#	ARTICLE	IF	CITATIONS
73	Spondias mombin: Quality control and anti-inflammatory activity in human neutrophils. Journal of Herbal Medicine, 2020, 24, 100393.	1.0	7
74	Atividade farmacológica da monocrotalina isolada de plantas do gênero <i>Crotalaria</i> . Revista Brasileira De Farmacognosia, 2010, 20, 453-458.	0.6	6
75	Influence of process conditions on the physicochemical characteristics of cumaru (<i>Amburana</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	6
76	Alendronate-induced gastric damage in normoglycemic and hyperglycemic rats is reversed by metformin. European Journal of Pharmacology, 2019, 856, 172410.	1.7	6
77	Standardized extract of <i>Erythrina velutina</i> Willd. attenuates schizophrenia-like behaviours and oxidative parameters in experimental animal models. Journal of Pharmacy and Pharmacology, 2019, 71, 379-389.	1.2	6
78	Analgesic, Antiinflammatory and Central Depressor Effects of the Hydroalcoholic Extract and Fractions from <i>Aeolanthus suaveolens</i> . Biological and Pharmaceutical Bulletin, 2004, 27, 821-824.	0.6	5
79	Involvement of monoaminergic systems in anxiolytic and antidepressive activities of the standardized extract of <i>Cocos nucifera</i> L. Journal of Natural Medicines, 2017, 71, 227-237.	1.1	5
80	Medicinal Plants Containing Coumarin or Essential Oils from the Brazilian Biome May be New Option for Treating Leishmaniasis?. Pharmacognosy Reviews, 2021, 14, 53-61.	0.7	5
81	Untargeted GC/MS-based approach for identification of anti-inflammatory alkaloids from <i>Hippeastrum elegans</i> (Amaryllidaceae) using a human neutrophil model. Journal of Pharmaceutical and Biomedical Analysis, 2021, 199, 114061.	1.4	5
82	Cytotoxicity and DNA damage in the neutrophils of patients with sickle cell anaemia treated with hydroxyurea. Brazilian Journal of Pharmaceutical Sciences, 2014, 50, 401-410.	1.2	4
83	Chemical Composition and Anti-Inflammatory Activity of the Decoction from Leaves of a Cultivated Specimen of <i>Myracrodruon urundeuva</i> . Journal of the Brazilian Chemical Society, 0, , .	0.6	4
84	Influence of process conditions on the physicochemical characteristics of cumaru (<i>Amburana</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.6	4
85	Central Nervous System Activity of Acute Administration of Latex Proteins from <i>Calotropis procera</i> in Mice. Journal of Complementary and Integrative Medicine, 2010, 7, .	0.4	3
86	Preliminary Evaluation of Novel Triglyceride-Based Nanocomposites for Biomedical Applications. Journal of the Brazilian Chemical Society, 0, , .	0.6	3
87	Ethanol extract of <i>Erythrina velutina</i> Willd ameliorate schizophrenia-like behavior induced by ketamine in mice. Journal of Complementary and Integrative Medicine, 2019, 16, .	0.4	3
88	Anti-diarrheal therapeutic potential of diminazene aceturate stimulation of the ACE II/Ang-(1-7)/Mas receptor axis in mice: A trial study. Biochemical Pharmacology, 2021, 186, 114500.	2.0	3
89	Comment on: Is there any evidence to support the use of anti-depressants in painful rheumatological conditions? Systematic review of pharmacological and clinical studies & Amitriptyline in the treatment of fibromyalgia: a systematic review of its efficacy. Rheumatology, 2008, 48, 322-323.	0.9	2
90	Seroprevalence and risk factors of Chagas disease in a rural population of the Quixerãm municipality, Ceará, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2021, 54, .	0.4	2

#	ARTICLE	IF	CITATIONS
91	Validation of A High Performance Liquid Chromatography Method to Quantify Thymol in Nanocapsules of Bioactive Essential Oil from <i>Lippia Sidaoides</i> . <i>International Journal of Complementary & Alternative Medicine</i> , 2017, 10, .	0.1	2
92	Amburanins A and B from <i>Amburana cearensis</i> : Daphnodorin-Type Biflavonoids that Modulate Human Neutrophil Degranulation. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	2
93	Binary Micellar Solutions of Poly(Ethylene Oxide)-Poly(Styrene Oxide) Copolymers with Pluronic [®] P123: Drug Solubilisation and Cytotoxicity Studies. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	2
94	In vitro toxicological characterisation of the antifungal compound soybean toxin (SBTX). <i>Toxicology in Vitro</i> , 2020, 65, 104824.	1.1	1
95	Antineuroinflammatory Effect of <i>Amburana cearensis</i> and Its Molecules Coumarin and Amburoside A by Inhibiting the MAPK Signaling Pathway in LPS-Activated BV-2 Microglial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	1
96	All that shine is not gold: modelling the true relation between orthostatic intolerance, fibromyalgia and chronic fatigue syndromes. <i>Clinical Autonomic Research</i> , 2008, 18, 298-298.	1.4	0
97	Biological evaluation of biomaterials, alkaloids from <i>Pilocarpus microphyllus</i> , in human neutrophils: toxicity and anti-inflammatory activity. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 4, .	2.0	0