Lauro Souza

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

107	2,712	31	47
papers	citations	h-index	g-index
112 ext. papers	3,023 ext. citations	5.1 avg, IF	4.65 L-index

#	Paper	IF	Citations
107	Multiple Risk Factors for Heart Disease: A Challenge to the Ethnopharmacological Use of Baill. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 6580458	2.3	O
106	Ilex paraguariensis extract as an alternative to pain medications. <i>Acta Pharmaceutica</i> , 2021 , 71, 383-398	3.2	2
105	Pharmacological profile and effects of mitotane in adrenocortical carcinoma. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 2698-2710	3.8	7
104	Identification and fingerprint analysis of novel multi-isomeric Lycibarbarspermidines and Lycibarbarspermines from Lycium barbarum L. by liquid chromatography with high-resolution mass spectrometry (UHPLC-Orbitrap). <i>Journal of Food Composition and Analysis</i> , 2021 , 105, 104194	4.1	2
103	Consumption of latex from Euphorbia tirucalli L. promotes a reduction of tumor growth and cachexia, and immunomodulation in Walker 256 tumor-bearing rats. <i>Journal of Ethnopharmacology</i> , 2020 , 255, 112722	5	3
102	Promising therapeutic use of Baccharis trimera (less.) DC. as a natural hepatoprotective agent against hepatic lesions that are caused by multiple risk factors. <i>Journal of Ethnopharmacology</i> , 2020 , 254, 112729	5	3
101	Glycoglycerolipids From Sargassum vulgare as Potential Antifouling Agents. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	7
100	A polysaccharide fraction from Handroanthus albus (yellow ip¶leaves with antinociceptive and anti-inflammatory activities. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 1004-1012	7.9	3
99	(Less.) DC: An Innovative Cardioprotective Herbal Medicine Against Multiple Risk Factors for Cardiovascular Disease. <i>Journal of Medicinal Food</i> , 2020 , 23, 676-684	2.8	3
98	Polysaccharide fractions from Handroanthus heptaphyllus and Handroanthus albus barks: Structural characterization and cytotoxic activity. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 849-856	7.9	1
97	Pharmacological potential of alkylamides from Acmella oleracea flowers and synthetic isobutylalkyl amide to treat inflammatory pain. <i>Inflammopharmacology</i> , 2020 , 28, 175-186	5.1	13
96	Chemical composition and biological activity of Liquidambar styraciflua L. leaf essential oil. <i>Industrial Crops and Products</i> , 2019 , 138, 111446	5.9	8
95	Liquidambar styraciflua L.: A new potential source for therapeutic uses. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 422-431	3.5	4
94	Influence of Luehea divaricata Mart. extracts on peripheral vascular resistance and the role of nitric oxide and both Ca-sensitive and Kir6.1 ATP-sensitive K+ channels in the vasodilatory effects of isovitexin on isolated perfused mesenteric beds. <i>Phytomedicine</i> , 2019 , 56, 74-82	6.5	5
93	A polysaccharide fraction from "ip£roxo" (Handroanthus heptaphyllus) leaves with gastroprotective activity. <i>Carbohydrate Polymers</i> , 2019 , 226, 115239	10.3	5
92	Structural Differences Influence Biological Properties of Glucosylceramides from Clinical and Environmental Isolates of and. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019 , 5,	5.6	5
91	Antiatherosclerotic Properties of (Cham. & Schltdl.) Micheli: From Antioxidant and Lipid-Lowering Effects to an Anti-Inflammatory Role. <i>Journal of Medicinal Food</i> , 2019 , 22, 919-927	2.8	4

90	Chemical composition, antioxidant and gastrointestinal properties of Sedum dendroideum Moc & Sess'ex DC leaves tea infusion. <i>Journal of Ethnopharmacology</i> , 2019 , 231, 141-151	5	8
89	Oxidation of 1-N2-etheno-2Pdeoxyguanosine by singlet molecular oxygen results in 2Pdeoxyguanosine: a pathway to remove exocyclic DNA damage?. <i>Biological Chemistry</i> , 2018 , 399, 859-8	3 € 7⁵	2
88	A peptidogalactomannan isolated from Cladosporium herbarum induces defense-related genes in BY-2 tobacco cells. <i>Plant Physiology and Biochemistry</i> , 2018 , 126, 206-216	5.4	7
87	Acid-gastric antisecretory effect of the ethanolic extract from Arctium lappa L. root: role of H, K-ATPase, Ca influx and the cholinergic pathway. <i>Inflammopharmacology</i> , 2018 , 26, 521-530	5.1	1
86	Ethnopharmacological approaches to kidney disease-prospecting an indigenous species from Brazilian Pantanal. <i>Journal of Ethnopharmacology</i> , 2018 , 211, 47-57	5	5
85	Biomonitoring the cardiorenal effects of Luehea divaricata Mart.: An ethnoguided approach. <i>Journal of Ethnopharmacology</i> , 2018 , 225, 53-63	5	2
84	Distinct mechanisms underlying local antinociceptive and pronociceptive effects of natural alkylamides from Acmella oleracea compared to synthetic isobutylalkyl amide. Floterap [12018, 131, 225-235]	3.2	12
83	Biological Characterization of an Edible Species from Brazilian Biodiversity: From Pharmacognostic Data to Ethnopharmacological Investigation. <i>Journal of Medicinal Food</i> , 2018 , 21, 1276-1287	2.8	3
82	Effect of N-1 arylation of monastrol on kinesin Eg5 inhibition in glioma cell lines. <i>MedChemComm</i> , 2018 , 9, 995-1010	5	8
81	Redox regulation and NO/cGMP plus K channel activation contributes to cardiorenal protection induced by Cuphea carthagenensis (Jacq.) J.F. Macbr. in ovariectomized hypertensive rats. <i>Phytomedicine</i> , 2018 , 51, 7-19	6.5	8
80	Role of Organic Anion Transporters in the Uptake of Protein-Bound Uremic Toxins by Human Endothelial Cells and Monocyte Chemoattractant Protein-1 Expression. <i>Journal of Vascular Research</i> , 2017 , 54, 170-179	1.9	11
79	Ethnopharmacological investigations of the cardio-renal properties of a native species from the region of Pantanal, state of Mato Grosso do Sul, Brazil. <i>Journal of Ethnopharmacology</i> , 2017 , 206, 125-13	34	5
78	Daily Intake of Chlorogenic Acids from Consumption of Mat'(Ilex paraguariensis A.StHil.) Traditional Beverages. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10093-10100	5.7	16
77	Roles of Nitric Oxide and Prostaglandins in the Sustained Antihypertensive Effects of DC. on Ovariectomized Rats with Renovascular Hypertension. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 2492483	2.3	2
76	Mechanisms underlying antiatherosclerotic properties of an enriched fraction obtained from Ilex paraguariensis A. StHil. <i>Phytomedicine</i> , 2017 , 34, 162-170	6.5	11
75	Phytochemical analysis and anti-inflammatory evaluation of compounds from an aqueous extract of Croton cajucara Benth. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 145, 821-830	3.5	17
74	Hydroalcoholic extract from bark of Persea major (Meisn.) L.E. Kopp (Lauraceae) exerts antiulcer effects in rodents by the strengthening of the gastric protective factors. <i>Journal of Ethnopharmacology</i> , 2017 , 209, 294-304	5	8
73	Gastroprotective effect and chemical characterization of a polysaccharide fraction from leaves of Croton cajucara. <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 153-159	7.9	12

72	Polysaccharides from Arctium lappa L.: Chemical structure and biological activity. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 954-60	7.9	27
71	Differentiation of flavonol glucoside and galactoside isomers combining chemical isopropylidenation with liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2016 , 1447, 64-71	4.5	15
70	The protective effect of green and black teas (Camellia sinensis) and their identified compounds against murine sepsis. <i>Food Research International</i> , 2016 , 83, 102-111	7	8
69	Involvement of bradykinin B2 and muscarinic receptors in the prolonged diuretic and antihypertensive properties of Echinodorus grandiflorus (Cham. & Schltdl.) Micheli. <i>Phytomedicine</i> , 2016 , 23, 1249-58	6.5	23
68	Chemical characterization of heteropolysaccharides from green and black teas (Camellia sinensis) and their anti-ulcer effect. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 772-81	7.9	20
67	Healing mechanisms of the hydroalcoholic extract and ethyl acetate fraction of green tea (Camellia sinensis (L.) Kuntze) on chronic gastric ulcers. <i>Naunyn-SchmiedebergmArchives of Pharmacology</i> , 2016 , 389, 259-68	3.4	9
66	Phytochemical profile of morphologically selected yerba-mate progenies. <i>Ciencia E Agrotecnologia</i> , 2016 , 40, 114-120	1.6	3
65	Ureaplasma diversum Genome Provides New Insights about the Interaction of the Surface Molecules of This Bacterium with the Host. <i>PLoS ONE</i> , 2016 , 11, e0161926	3.7	17
64	Atheroprotective effects of Cuphea carthagenensis (Jacq.) J. F. Macbr. in New Zealand rabbits fed with cholesterol-rich diet. <i>Journal of Ethnopharmacology</i> , 2016 , 187, 134-45	5	14
63	Characterization of the mucilage extracted from jaracati[(Carica quercifolia (A. St. Hil.) Hieron). <i>Carbohydrate Polymers</i> , 2015 , 131, 370-6	10.3	16
62	Ethnopharmacological investigation of the diuretic and hemodynamic properties of native species of the Brazilian biodiversity. <i>Journal of Ethnopharmacology</i> , 2015 , 174, 369-78	5	13
61	Evaluation of the structural composition and surface properties of rhamnolipid mixtures produced by Pseudomonas aeruginosa UFPEDA 614 in different cultivation periods. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 175, 988-95	3.2	6
60	Two new hydronaphthoquinones from Sinningia aggregata (Gesneriaceae) and cytotoxic activity of aggregatin D. <i>Chemistry and Biodiversity</i> , 2015 , 12, 148-52	2.5	8
59	Accelerated maturation of processed yerba-mate under the controlled conditions of temperature and humidity. <i>Nutrition and Food Science</i> , 2015 , 45, 564-573	1.5	3
58	Identification of a dicaffeoylquinic acid isomer from Arctium lappa with a potent anti-ulcer activity. <i>Talanta</i> , 2015 , 135, 50-7	6.2	35
57	Effects of UV light on the physic-chemical properties of yerba-mate. <i>Nutrition and Food Science</i> , 2015 , 45, 221-228	1.5	7
56	Gastroprotective bio-guiding fractionation of hydro-alcoholic extracts from green- and black-teas (Camellia sinensis). <i>Food Research International</i> , 2014 , 64, 577-586	7	12
55	Characterization of Scedosporium apiospermum glucosylceramides and their involvement in fungal development and macrophage functions. <i>PLoS ONE</i> , 2014 , 9, e98149	3.7	29

(2012-2013)

54	Development and Validation of a RP-HPLCPDA Method for Determination of Curcuminoids in Microemulsions. <i>Chromatographia</i> , 2013 , 76, 1041-1048	2.1	9
53	Galactofuranosyl glycosides: immunomodulatory effects on macrophages and in vivo enhancement of lethality on sepsis. <i>Chemico-Biological Interactions</i> , 2013 , 205, 29-37	5	8
52	Antinociceptive effects of ethanolic extract from the flowers of Acmella oleracea (L.) R.K. Jansen in mice. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 583-9	5	52
51	Ethanolic extract of roots from Arctium lappa L. accelerates the healing of acetic acid-induced gastric ulcer in rats: Involvement of the antioxidant system. <i>Food and Chemical Toxicology</i> , 2013 , 51, 17	9-4877	59
50	Rhamnogalacturonan from Ilex paraguariensis: a potential adjuvant in sepsis treatment. <i>Carbohydrate Polymers</i> , 2013 , 92, 1776-82	10.3	27
49	Naringenin degradation by the endophytic diazotroph Herbaspirillum seropedicae SmR1. <i>Microbiology (United Kingdom)</i> , 2013 , 159, 167-175	2.9	29
48	Polysaccharides from green and black teas and their protective effect against murine sepsis. <i>Food Research International</i> , 2013 , 53, 780-785	7	35
47	Structural characterization of a glucuronoarabinoxylan from pineapple (Ananas comosus (L.) Merrill) gum exudate. <i>Carbohydrate Polymers</i> , 2013 , 94, 704-11	10.3	13
46	Gastroprotective effect and structure of a rhamnogalacturonan from Acmella oleracea. <i>Phytochemistry</i> , 2013 , 85, 137-42	4	45
45	Role of prostaglandin/cAMP pathway in the diuretic and hypotensive effects of purified fraction of Maytenus ilicifolia Mart ex Reissek (Celastraceae). <i>Journal of Ethnopharmacology</i> , 2013 , 150, 154-61	5	14
44	Chemical and biological characterization of polysaccharides isolated from Ilex paraguariensis A. StHil. <i>International Journal of Biological Macromolecules</i> , 2013 , 59, 125-33	7.9	12
43	Antiviral Sulfoquinovosyldiacylglycerols (SQDGs) from the Brazilian brown seaweed Sargassum vulgare. <i>Marine Drugs</i> , 2013 , 11, 4628-40	6	55
42	Anti-leishmanial activity of alkaloidal extracts obtained from different organs of Aspidosperma ramiflorum. <i>Phytomedicine</i> , 2012 , 19, 413-7	6.5	21
41	Evaluation of the antinociceptive, anti-inflammatory and gastric antiulcer activities of the essential oil from Piper aleyreanum C.DC in rodents. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 274-82	5	49
40	Structural characterization and anti-HSV-1 and HSV-2 activity of glycolipids from the marine algae Osmundaria obtusiloba isolated from Southeastern Brazilian coast. <i>Marine Drugs</i> , 2012 , 10, 918-31	6	56
39	Purification and characterization of a surfactin-like molecule produced by Bacillus sp. H2O-1 and its antagonistic effect against sulfate reducing bacteria. <i>BMC Microbiology</i> , 2012 , 12, 252	4.5	41
38	GCMS detection and quantification of lipopolysaccharides in polysaccharides through 3-O-acetyl fatty acid methyl esters. <i>Carbohydrate Polymers</i> , 2012 , 87, 2730-2734	10.3	37
37	Analysis of Camellia sinensis green and black teas via ultra high performance liquid chromatography assisted by liquid-liquid partition and two-dimensional liquid chromatography (size exclusion Treversed phase). <i>Journal of Chromatography A</i> , 2012 , 1222, 29-37	4.5	88

36	Analysis of Flavonoids from Eugenia uniflora Leaves and Its Protective Effect against Murine Sepsis. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 623940	2.3	28
35	A new approach for heparin standardization: combination of scanning UV spectroscopy, nuclear magnetic resonance and principal component analysis. <i>PLoS ONE</i> , 2011 , 6, e15970	3.7	23
34	Some biomolecules and a partially O-acetylated exo-galactomannan containing EGalf units from pathogenic Exophiala jeanselmei, having a pronounced immunogenic response. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 177-82	7.9	6
33	Standardized extract of Dicksonia sellowiana Presl. Hook (Dicksoniaceae) decreases oxidative damage in cultured endothelial cells and in rats. <i>Journal of Ethnopharmacology</i> , 2011 , 133, 999-1007	5	6
32	Structural analysis of fungal cerebrosides. <i>Frontiers in Microbiology</i> , 2011 , 2, 239	5.7	37
31	Glycolipids from macroalgae: potential biomolecules for marine biotechnology?. <i>Revista Brasileira</i> De Farmacognosia, 2011 , 21, 244-247	2	27
30	Comprehensive analysis of mat'(Ilex paraguariensis) compounds: development of chemical strategies for matesaponin analysis by mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 7307-15	4.5	31
29	Establishment of adventitious root culture of Stevia rebaudiana Bertoni in a roller bottle system. Plant Cell, Tissue and Organ Culture, 2011, 106, 329-335	2.7	43
28	Production of rhamnolipids in solid-state cultivation using a mixture of sugarcane bagasse and corn bran supplemented with glycerol and soybean oil. <i>Applied Microbiology and Biotechnology</i> , 2011 , 89, 139	§:∕403	48
27	Carbohydrate epitopes in glycoprotein from the opportunistic fungal pathogen Scedosporium apiospermum. <i>Carbohydrate Polymers</i> , 2011 , 85, 349-355	10.3	6
26	Structure and degree of polymerisation of fructooligosaccharides present in roots and leaves of Stevia rebaudiana (Bert.) Bertoni. <i>Food Chemistry</i> , 2011 , 129, 305-311	8.5	78
25	A robust method to quantify low molecular weight contaminants in heparin: detection of tris(2-n-butoxyethyl) phosphate. <i>Analyst, The</i> , 2011 , 136, 2330-8	5	15
24	UPLC-PDAMS evaluation of bioactive compounds from leaves of Ilex paraguariensis with different growth conditions, treatments and ageing. <i>Food Chemistry</i> , 2011 , 129, 1453-1461	8.5	78
23	EGalactofuranose-containing structures present in the cell wall of the saprophytic fungus Cladosporium (Hormoconis) resinae. <i>Research in Microbiology</i> , 2010 , 161, 720-8	4	12
22	Carbohydrates present in the glycoprotein from conidia of the opportunistic pathogen Scedosporium prolificans. <i>Carbohydrate Polymers</i> , 2010 , 79, 927-932	10.3	8
21	An arabinogalactan with anti-ulcer protective effects isolated from Cereus peruvianus. Carbohydrate Polymers, 2010 , 82, 714-721	10.3	33
20	Positive and negative tandem mass spectrometric fingerprints of lipids from the halophilic Archaea Haloarcula marismortui. <i>Journal of Lipid Research</i> , 2009 , 50, 1363-73	5.3	22
19	A potent and nitric oxide-dependent hypotensive effect induced in rats by semi-purified fractions from Maytenus ilicifolia. <i>Vascular Pharmacology</i> , 2009 , 51, 57-63	5.9	18

(2003-2009)

18	Polygalacturonic acid: Another anti-ulcer polysaccharide from the medicinal plant Maytenus ilicifolia. <i>Carbohydrate Polymers</i> , 2009 , 78, 361-363	10.3	24
17	Heart-cutting two-dimensional (size exclusion x reversed phase) liquid chromatography-mass spectrometry analysis of flavonol glycosides from leaves of Maytenus ilicifolia. <i>Journal of Chromatography A</i> , 2009 , 1216, 99-105	4.5	49
16	Muscarinic-dependent inhibition of gastric emptying and intestinal motility by fractions of Maytenus ilicifolia Mart ex. Reissek. <i>Journal of Ethnopharmacology</i> , 2009 , 123, 385-91	5	24
15	Influence of molecular weight of chemically sulfated citrus pectin fractions on their antithrombotic and bleeding effects. <i>Thrombosis and Haemostasis</i> , 2009 , 101, 860-866	7	36
14	The opportunistic fungal pathogen Scedosporium prolificans: carbohydrate epitopes of its glycoproteins. <i>International Journal of Biological Macromolecules</i> , 2008 , 42, 93-102	7.9	18
13	HPLC/ESI-MS and NMR analysis of flavonoids and tannins in bioactive extract from leaves of Maytenus ilicifolia. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 59-67	3.5	87
12	Analysis of flavonol glycoside isomers from leaves of Maytenus ilicifolia by offline and online high performance liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1207, 101-9	4.5	40
11	Application of acetate derivatives for gas chromatography-mass spectrometry: novel approaches on carbohydrates, lipids and amino acids analysis. <i>Journal of Chromatography A</i> , 2008 , 1208, 215-22	4.5	97
10	Acidic heteroxylans from medicinal plants and their anti-ulcer activity. <i>Carbohydrate Polymers</i> , 2008 , 74, 274-278	10.3	40
9	Glyco- and sphingophosphonolipids from the medusa Phyllorhiza punctata: NMR and ESI-MS/MS fingerprints. <i>Chemistry and Physics of Lipids</i> , 2007 , 145, 85-96	3.7	43
8	Molecular and structural characterization of the biosurfactant produced by Pseudomonas aeruginosa DAUPE 614. <i>Chemistry and Physics of Lipids</i> , 2007 , 147, 1-13	3.7	122
7	In vivo assessment of safety and mechanisms underlying in vitro relaxation induced by Mikania laevigata Schultz Bip. ex Baker in the rat trachea. <i>Journal of Ethnopharmacology</i> , 2007 , 112, 430-9	5	16
6	Flavonoid-rich fraction of Maytenus ilicifolia Mart. ex. Reiss protects the gastric mucosa of rodents through inhibition of both H+,K+ -ATPase activity and formation of nitric oxide. <i>Journal of Ethnopharmacology</i> , 2007 , 113, 433-40	5	47
5	Fish oil alters T-lymphocyte proliferation and macrophage responses in Walker 256 tumor-bearing rats. <i>Nutrition</i> , 2006 , 22, 425-32	4.8	34
4	A polysaccharide from a tea (infusion) of Maytenus ilicifolia leaves with anti-ulcer protective effects. <i>Journal of Natural Products</i> , 2006 , 69, 1018-21	4.9	85
3	Rapid synthesis of partially O-methylated alditol acetate standards for GC-MS: some relative activities of hydroxyl groups of methyl glycopyranosides on Purdie methylation. <i>Carbohydrate Research</i> , 2005 , 340, 731-9	2.9	201
2	Fatty acid composition of the tropical lichen Teloschistes flavicans and its cultivated symbionts. <i>FEMS Microbiology Letters</i> , 2005 , 247, 1-6	2.9	14
1	Beta-galactofuranose-containing O-linked oligosaccharides present in the cell wall peptidogalactomannan of Aspergillus fumigatus contain immunodominant epitopes. <i>Glycobiology</i> , 2003 , 13, 681-92	5.8	88