

# Lauro Souza

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

3,372  
citations

117625

34  
h-index

175258

52  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4353  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Identification and fingerprint analysis of novel multi-isomeric Lycibarbarspermidines and Lycibarbarspermines from <i>Lycium barbarum</i> L. by liquid chromatography with high-resolution mass spectrometry (UHPLC-Orbitrap). <i>Journal of Food Composition and Analysis</i> , 2022, 105, 104194.                               | 3.9  | 8         |
| 2  | Influence of different preparation techniques on the composition and antioxidant action of curcumin and curcuminoids. <i>Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2022, 21, 51-65.  | 0.5  | 1         |
| 3  | Chemical, biological, and pharmacological evaluation of the aqueous extract of <i>Ilex paraguariensis</i> , St. Hill. (Aquifoliaceae). <i>Research, Society and Development</i> , 2022, 11, e3011225335.  | 0.1  | 0         |
| 4  | Local effects of natural alkylamides from <i>Acmella oleracea</i> and synthetic isobutylalkyl amide on neuropathic and postoperative pain models in mice. <i>FÄ-toterapÄ-Äç</i> , 2022, 160, 105224.  | 2.2  | 2         |
| 5  | Pharmacological profile and effects of mitotane in adrenocortical carcinoma. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2698-2710.   | 2.4  | 27        |
| 6  | <i>Ilex paraguariensis</i> extract as an alternative to pain medications. <i>Acta Pharmaceutica</i> , 2021, 71, 383-398.  | 2.0  | 3         |
| 7  | Multiple Risk Factors for Heart Disease: A Challenge to the Ethnopharmacological Use of <i>Croton urucurana</i> Baill.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.  | 1.2  | 3         |
| 8  | Pharmacological potential of alkylamides from <i>Acmella oleracea</i> flowers and synthetic isobutylalkyl amide to treat inflammatory pain. <i>Inflammopharmacology</i> , 2020, 28, 175-186.  | 3.9  | 23        |
| 9  | <i>Baccharis trimera</i> (Less.) DC: An Innovative Cardioprotective Herbal Medicine Against Multiple Risk Factors for Cardiovascular Disease. <i>Journal of Medicinal Food</i> , 2020, 23, 676-684.   | 1.5  | 9         |
| 10 | Polysaccharide fractions from <i>Handroanthus heptaphyllus</i> and <i>Handroanthus albus</i> barks: Structural characterization and cytotoxic activity. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 849-856.   | 7.5  | 12        |
| 11 | Consumption of latex from <i>Euphorbia tirucalli</i> 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.  | 4.1  | 7         |
| 12 | Promising therapeutic use of <i>Baccharis trimera</i> (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.  | 4.1  | 13        |
| 13 | Glycoglycerolipids From <i>Sargassum vulgare</i> as Potential Antifouling Agents. <i>Frontiers in Marine Science</i> , 2020, 7, .   | 2.5  | 16        |
| 14 | A polysaccharide fraction from <i>Handroanthus albus</i> (yellow ipÄ) leaves with antinociceptive and anti-inflammatory activities. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 1004-1012.   | 7.5  | 8         |
| 15 | Influence of <i>Luehea divaricata</i> Mart. extracts on peripheral vascular resistance and the role of nitric oxide and both Ca <sup>2+</sup> -sensitive and Kir6.1 ATP-sensitive K <sup>+</sup> channels in the vasodilatory effects of isovitexin on isolated perfused mesenteric beds. <i>Phytomedicine</i> , 2019, 56, 74-82. | 5.3  | 8         |
| 16 | A polysaccharide fraction from âœipÄ-roxoâœ (Handroanthus heptaphyllus) leaves with gastroprotective activity. <i>Carbohydrate Polymers</i> , 2019, 226, 115239.  | 10.2 | 15        |
| 17 | Structural Differences Influence Biological Properties of Glucosylceramides from Clinical and Environmental Isolates of <i>Scedosporium aurantiacum</i> and <i>Pseudallescheria minutispora</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2019, 5, 62.  | 3.5  | 6         |
| 18 | Antiatherosclerotic Properties of <i>Echinodorus grandiflorus</i> (Cham. & Schltldl.) Micheli: From Antioxidant and Lipid-Lowering Effects to an Anti-Inflammatory Role. <i>Journal of Medicinal Food</i> , 2019, 22, 919-927.  | 1.5  | 10        |

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|----|---|-----|-----------|
| 19 | Chemical composition and biological activity of Liquidambar styraciflua L. leaf essential oil. <i>Industrial Crops and Products</i> , 2019, 138, 111446.  | 5.2 | 16        |
| 20 | Liquidambar styraciflua L.: A new potential source for therapeutic uses. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 422-431.   | 2.8 | 10        |
| 21 | 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.  | 4.1 | 10        |
| 22 | Oxidation of 1-N 2-etheno-2-deoxyguanosine by singlet molecular oxygen results in 2-deoxyguanosine: a pathway to remove exocyclic DNA damage?. <i>Biological Chemistry</i> , 2018, 399, 859-867.  | 2.5 | 2         |
| 23 | 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.  | 5.8 | 10        |
| 24 | Acid-gastric antisecretory effect of the ethanolic extract from Arctium lappa L. root: role of H <sup>+</sup> , K <sup>+</sup> -ATPase, Ca <sup>2+</sup> influx and the cholinergic pathway. <i>Inflammopharmacology</i> , 2018, 26, 521-530.     | 3.9 | 5         |
| 25 | Ethnopharmacological approaches to kidney disease-prospecting an indigenous species from Brazilian Pantanal. <i>Journal of Ethnopharmacology</i> , 2018, 211, 47-57.  | 4.1 | 8         |
| 26 | Distinct mechanisms underlying local antinociceptive and pronociceptive effects of natural alkylamides from <i>Acmella oleracea</i> compared to synthetic isobutylalkyl amide. <i>FÄ-toterapÄ-Äç</i> , 2018, 131, 225-235.                        | 2.2 | 19        |
| 27 | 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.  | 1.5 | 6         |
| 28 | Effect of N-1 arylation of monastrol on kinesin Eg5 inhibition in glioma cell lines. <i>MedChemComm</i> , 2018, 9, 995-1010.  | 3.4 | 14        |
| 29 | Redox regulation and NO/cGMP plus K <sup>+</sup> channel activation contributes to cardiorenal protection induced by <i>Cuphea carthagenensis</i> (Jacq.) J.F. Macbr. in ovariectomized hypertensive rats. <i>Phytomedicine</i> , 2018, 51, 7-19. | 5.3 | 9         |
| 30 | Biomonitoring the cardiorenal effects of <i>Luehea divaricata</i> Mart.: An ethnoguided approach. <i>Journal of Ethnopharmacology</i> , 2018, 225, 53-63.   | 4.1 | 3         |
| 31 | 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.                            | 1.4 | 15        |
| 32 | 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, 125-134.                                | 4.1 | 8         |
| 33 | Daily Intake of Chlorogenic Acids from Consumption of MatÄ© (<i>Ilex paraguariensis</i> A.St.-Hil.) Traditional Beverages. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10093-10100.   | 5.2 | 21        |
| 34 | Mechanisms underlying antiatherosclerotic properties of an enriched fraction obtained from <i>Ilex paraguariensis</i> A. St.-Hil.. <i>Phytomedicine</i> , 2017, 34, 162-170.  | 5.3 | 15        |
| 35 | Phytochemical analysis and anti-inflammatory evaluation of compounds from an aqueous extract of <i>Croton cajucara</i> Benth.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 821-830.                                     | 2.8 | 25        |
| 36 | Hydroalcoholic extract from bark of <i>Persea major</i> (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.      | 4.1 | 12        |

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|----|--|------|-----------|
| 37 | Gastroprotective effect and chemical characterization of a polysaccharide fraction from leaves of <i>Croton cajucara</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 95, 153-159.  | 7.5  | 19        |
| 38 | Roles of Nitric Oxide and Prostaglandins in the Sustained Antihypertensive Effects of <i>Acanthospermum hispidum</i> DC. on Ovariectomized Rats with Renovascular Hypertension. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-14. | 1.2  | 3         |
| 39 | Phytochemical profile of morphologically selected yerba-mate progenies. <i>Ciencia E Agrotecnologia</i> , 2016, 40, 114-120.   | 1.5  | 4         |
| 40 | <i>Ureaplasma diversum</i> Genome Provides New Insights about the Interaction of the Surface Molecules of This Bacterium with the Host. <i>PLoS ONE</i> , 2016, 11, e0161926.  | 2.5  | 20        |
| 41 | Atheroprotective effects of <i>Cuphea carthagenensis</i> (Jacq.) J. F. Macbr. in New Zealand rabbits fed with cholesterol-rich diet. <i>Journal of Ethnopharmacology</i> , 2016, 187, 134-145.   | 4.1  | 16        |
| 42 | Polysaccharides from <i>Arctium lappa</i> L.: Chemical structure and biological activity. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 954-960.   | 7.5  | 39        |
| 43 | Differentiation of flavonol glucoside and galactoside isomers combining chemical isopropylideneation with liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2016, 1447, 64-71.  | 3.7  | 18        |
| 44 | The protective effect of green and black teas ( <i>Camellia sinensis</i> ) and their identified compounds against murine sepsis. <i>Food Research International</i> , 2016, 83, 102-111.   | 6.2  | 12        |
| 45 | Involvement of bradykinin B2 and muscarinic receptors in the prolonged diuretic and antihypertensive properties of <i>Echinodorus grandiflorus</i> (Cham. & Schltl.) Micheli. <i>Phytomedicine</i> , 2016, 23, 1249-1258.  | 5.3  | 33        |
| 46 | Chemical characterization of heteropolysaccharides from green and black teas ( <i>Camellia sinensis</i> ) and their anti-ulcer effect. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 772-781.  | 7.5  | 27        |
| 47 | Healing mechanisms of the hydroalcoholic extract and ethyl acetate fraction of green tea ( <i>Camellia</i> ) Tj ETQq1 1 0.784314 rgBT /Overl<br>2016, 389, 259-268.  | 3.0  | 10        |
| 48 | Two New Hydronaphthoquinones from <i>Sinningia aggregata</i> (Gesneriaceae) and Cytotoxic Activity of Aggregatin D. <i>Chemistry and Biodiversity</i> , 2015, 12, 148-152.   | 2.1  | 16        |
| 49 | Accelerated maturation of processed yerba-mate under the controlled conditions of temperature and humidity. <i>Nutrition and Food Science</i> , 2015, 45, 564-573.   | 0.9  | 5         |
| 50 | Identification of a dicaffeoylquinic acid isomer from <i>Arctium lappa</i> with a potent anti-ulcer activity. <i>Talanta</i> , 2015, 135, 50-57.   | 5.5  | 43        |
| 51 | Effects of UV light on the physico-chemical properties of yerba-mate. <i>Nutrition and Food Science</i> , 2015, 45, 221-228.   | 0.9  | 12        |
| 52 | Characterization of the mucilage extracted from jaracatiã ( <i>Carica quercifolia</i> (A. St. Hil.) Hieron). <i>Carbohydrate Polymers</i> , 2015, 131, 370-376.  | 10.2 | 21        |
| 53 | Ethnopharmacological investigation of the diuretic and hemodynamic properties of native species of the Brazilian biodiversity. <i>Journal of Ethnopharmacology</i> , 2015, 174, 369-378.   | 4.1  | 15        |
| 54 | Evaluation of the Structural Composition and Surface Properties of Rhamnolipid Mixtures Produced by <i>Pseudomonas aeruginosa</i> UFPEDA 614 in Different Cultivation Periods. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 988-995.               | 2.9  | 6         |

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|----|---|------|-----------|
| 55 | Gastroprotective bio-guiding fractionation of hydro-alcoholic extracts from green- and black-teas ( ) Tj ETQq1 1 0.784314 rgBT /Overlock  | 6.2  | 13        |
| 56 | Characterization of <i>Scenedosporium apiospermum</i> Glucosylceramides and Their Involvement in Fungal Development and Macrophage Functions. PLoS ONE, 2014, 9, e98149.  | 2.5  | 36        |
| 57 | Development and Validation of a RP-HPLCâ€“PDA Method for Determination of Curcuminoids in Microemulsions. Chromatographia, 2013, 76, 1041-1048.   | 1.3  | 11        |
| 58 | Galactofuranosyl glycosides: Immunomodulatory effects on macrophages and in vivo enhancement of lethality on sepsis. Chemico-Biological Interactions, 2013, 205, 29-37.   | 4.0  | 8         |
| 59 | Antinociceptive effects of ethanolic extract from the flowers of <i>Acmella oleracea</i> (L.) R.K. Jansen in mice. Journal of Ethnopharmacology, 2013, 150, 583-589.  | 4.1  | 68        |
| 60 | Ethanolic extract of roots from <i>Arctium lappa</i> L. accelerates the healing of acetic acid-induced gastric ulcer in rats: Involvement of the antioxidant system. Food and Chemical Toxicology, 2013, 51, 179-187. | 3.6  | 76        |
| 61 | Rhamnogalacturonan from <i>Ilex paraguariensis</i> : A potential adjuvant in sepsis treatment. Carbohydrate Polymers, 2013, 92, 1776-1782.  | 10.2 | 30        |
| 62 | Naringenin degradation by the endophytic diazotroph <i>Herbaspirillum seropedicae</i> SmR1. Microbiology (United Kingdom), 2013, 159, 167-175.  | 1.8  | 41        |
| 63 | Polysaccharides from green and black teas and their protective effect against murine sepsis. Food Research International, 2013, 53, 780-785.  | 6.2  | 44        |
| 64 | Structural characterization of a glucuronoarabinoxylan from pineapple ( <i>Ananas comosus</i> (L.)) Tj ETQq0 0 0 rgBT /Oyrlck 10 Tf 50 382  | 10.2 | 15        |
| 65 | Gastroprotective effect and structure of a rhamnogalacturonan from <i>Acmella oleracea</i> . Phytochemistry, 2013, 85, 137-142.   | 2.9  | 55        |
| 66 | Role of prostaglandin/cAMP pathway in the diuretic and hypotensive effects of purified fraction of <i>Maytenus ilicifolia</i> Mart ex Reissek (Celastraceae). Journal of Ethnopharmacology, 2013, 150, 154-161.       | 4.1  | 17        |
| 67 | Chemical and biological characterization of polysaccharides isolated from <i>Ilex paraguariensis</i> A. St.-Hil.. International Journal of Biological Macromolecules, 2013, 59, 125-133.                              | 7.5  | 14        |
| 68 | Antiviral Sulfoquinovosyldiacylglycerols (SQDGs) from the Brazilian Brown Seaweed <i>Sargassum vulgare</i> . Marine Drugs, 2013, 11, 4628-4640.   | 4.6  | 67        |
| 69 | Analysis of Flavonoids from <i>Eugenia uniflora</i> Leaves and Its Protective Effect against Murine Sepsis. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.                                   | 1.2  | 37        |
| 70 | Evaluation of the antinociceptive, anti-inflammatory and gastric antiulcer activities of the essential oil from <i>Piper aleyreanum</i> C.DC in rodents. Journal of Ethnopharmacology, 2012, 142, 274-282.            | 4.1  | 63        |
| 71 | Structural Characterization and Anti-HSV-1 and HSV-2 Activity of Glycolipids from the Marine Algae <i>Osmundaria obtusiloba</i> Isolated from Southeastern Brazilian Coast. Marine Drugs, 2012, 10, 918-931.          | 4.6  | 63        |
| 72 | Purification and characterization of a surfactin-like molecule produced by <i>Bacillus</i> sp. H2O-1 and its antagonistic effect against sulfate reducing bacteria. BMC Microbiology, 2012, 12, 252.                  | 3.3  | 55        |

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|----|--|------|-----------|
| 73 | GC-MS detection and quantification of lipopolysaccharides in polysaccharides through 3-O-acetyl fatty acid methyl esters. <i>Carbohydrate Polymers</i> , 2012, 87, 2730-2734.  | 10.2 | 48        |
| 74 | Analysis of <i>Camellia sinensis</i> green and black teas via ultra high performance liquid chromatography assisted by liquid-liquid partition and two-dimensional liquid chromatography (size) Tj ETQq0 0 0 rgBT /Overlock310 Tf 50 697 Td (exc                           | 10.2 | 48        |
| 75 | Anti-leishmanial activity of alkaloidal extracts obtained from different organs of <i>Aspidosperma ramiflorum</i> . <i>Phytomedicine</i> , 2012, 19, 413-417.  | 5.3  | 25        |
| 76 | A robust method to quantify low molecular weight contaminants in heparin: detection of tris(2-n-butoxyethyl) phosphate. <i>Analyst</i> , The, 2011, 136, 2330.   | 3.5  | 16        |
| 77 | 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.   | 2.5  | 25        |
| 78 | Some biomolecules and a partially O-acetylated exo-galactomannan containing $\hat{I}^2$ -Galf units from pathogenic <i>Exophiala jeanselmei</i> , having a pronounced immunogenic response. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 177-182. | 7.5  | 8         |
| 79 | Standardized extract of <i>Dicksonia sellowiana</i> Presl. Hook ( <i>Dicksoniaceae</i> ) decreases oxidative damage in cultured endothelial cells and in rats. <i>Journal of Ethnopharmacology</i> , 2011, 133, 999-1007.  | 4.1  | 10        |
| 80 | Structural Analysis of Fungal Cerebrosides. <i>Frontiers in Microbiology</i> , 2011, 2, 239.   | 3.5  | 46        |
| 81 | Glycolipids from macroalgae: potential biomolecules for marine biotechnology?. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 244-247.   | 1.4  | 33        |
| 82 | Comprehensive analysis of matã© (Ilex paraguariensis) compounds: Development of chemical strategies for matesaponin analysis by mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 7307-7315.   | 3.7  | 35        |
| 83 | Establishment of adventitious root culture of <i>Stevia rebaudiana</i> Bertoni in a roller bottle system. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 106, 329-335.  | 2.3  | 50        |
| 84 | 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, 1395-1403.  | 3.6  | 60        |
| 85 | Carbohydrate epitopes in glycoprotein from the opportunistic fungal pathogen <i>Scedosporium apiospermum</i> . <i>Carbohydrate Polymers</i> , 2011, 85, 349-355.   | 10.2 | 7         |
| 86 | Structure and degree of polymerisation of fructooligosaccharides present in roots and leaves of <i>Stevia rebaudiana</i> (Bert.) Bertoni. <i>Food Chemistry</i> , 2011, 129, 305-311.  | 8.2  | 99        |
| 87 | UPLC-PDA-MS evaluation of bioactive compounds from leaves of <i>Ilex paraguariensis</i> with different growth conditions, treatments and ageing. <i>Food Chemistry</i> , 2011, 129, 1453-1461.   | 8.2  | 92        |
| 88 | Carbohydrates present in the glycoprotein from conidia of the opportunistic pathogen <i>Scedosporium prolificans</i> . <i>Carbohydrate Polymers</i> , 2010, 79, 927-932.   | 10.2 | 8         |
| 89 | An arabinogalactan with anti-ulcer protective effects isolated from <i>Cereus peruvianus</i> . <i>Carbohydrate Polymers</i> , 2010, 82, 714-721.   | 10.2 | 38        |
| 90 | $\hat{I}^2$ -Galactofuranose-containing structures present in the cell wall of the saprophytic fungus <i>Cladosporium</i> ( <i>Hormoconis</i> ) <i>resinae</i> . <i>Research in Microbiology</i> , 2010, 161, 720-728.   | 2.1  | 15        |

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|-----|--|------|-----------|
| 91  | Positive and negative tandem mass spectrometric fingerprints of lipids from the halophilic Archaea <i>Haloarcula marismortui</i> . <i>Journal of Lipid Research</i> , 2009, 50, 1363-1373.   | 4.2  | 27        |
| 92  | A potent and nitric oxide-dependent hypotensive effect induced in rats by semi-purified fractions from <i>Maytenus ilicifolia</i> . <i>Vascular Pharmacology</i> , 2009, 51, 57-63.  | 2.1  | 21        |
| 93  | Polygalacturonic acid: Another anti-ulcer polysaccharide from the medicinal plant <i>Maytenus ilicifolia</i> . <i>Carbohydrate Polymers</i> , 2009, 78, 361-363.   | 10.2 | 29        |
| 94  | Heart-cutting two-dimensional (size exclusion—reversed phase) liquid chromatography—mass spectrometry analysis of flavonol glycosides from leaves of <i>Maytenus ilicifolia</i> . <i>Journal of Chromatography A</i> , 2009, 1216, 99-105.                                       | 3.7  | 54        |
| 95  | Muscarinic-dependent inhibition of gastric emptying and intestinal motility by fractions of <i>Maytenus ilicifolia</i> Mart ex. Reissek. <i>Journal of Ethnopharmacology</i> , 2009, 123, 385-391.   | 4.1  | 27        |
| 96  | 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.   | 3.4  | 42        |
| 97  | HPLC/ESI-MS and NMR analysis of flavonoids and tannins in bioactive extract from leaves of <i>Maytenus ilicifolia</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 59-67.  | 2.8  | 106       |
| 98  | Analysis of flavonol glycoside isomers from leaves of <i>Maytenus ilicifolia</i> by offline and online high performance liquid chromatography—electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1207, 101-109.  | 3.7  | 45        |
| 99  | 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, 215-222.   | 3.7  | 106       |
| 100 | Acidic heteroxylans from medicinal plants and their anti-ulcer activity. <i>Carbohydrate Polymers</i> , 2008, 74, 274-278.   | 10.2 | 44        |
| 101 | The opportunistic fungal pathogen <i>Scedosporium prolificans</i> : Carbohydrate epitopes of its glycoproteins. <i>International Journal of Biological Macromolecules</i> , 2008, 42, 93-102.  | 7.5  | 19        |
| 102 | In vivo assessment of safety and mechanisms underlying in vitro relaxation induced by <i>Mikania laevigata</i> Schultz Bip. ex Baker in the rat trachea. <i>Journal of Ethnopharmacology</i> , 2007, 112, 430-439.   | 4.1  | 19        |
| 103 | Flavonoid-rich fraction of <i>Maytenus ilicifolia</i> Mart. ex. Reiss protects the gastric mucosa of rodents through inhibition of both H <sup>+</sup> ,K <sup>+</sup> -ATPase activity and formation of nitric oxide. <i>Journal of Ethnopharmacology</i> , 2007, 113, 433-440. | 4.1  | 60        |
| 104 | Glyco- and sphingophosphonolipids from the medusa <i>Phyllorhiza punctata</i> : NMR and ESI-MS/MS fingerprints. <i>Chemistry and Physics of Lipids</i> , 2007, 145, 85-96.   | 3.2  | 51        |
| 105 | Molecular and structural characterization of the biosurfactant produced by <i>Pseudomonas aeruginosa</i> DAUPE 614. <i>Chemistry and Physics of Lipids</i> , 2007, 147, 1-13.  | 3.2  | 141       |
| 106 | A Polysaccharide from a Tea (Infusion) of <i>Maytenus ilicifolia</i> Leaves with Anti-ulcer Protective Effects. <i>Journal of Natural Products</i> , 2006, 69, 1018-1021.  | 3.0  | 91        |
| 107 | Fish oil alters T-lymphocyte proliferation and macrophage responses in Walker 256 tumor-bearing rats. <i>Nutrition</i> , 2006, 22, 425-432.  | 2.4  | 34        |
| 108 | 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, 731-739.  | 2.3  | 224       |

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|-----|--|-----|-----------|
| 109 | Fatty acid composition of the tropical lichen <i>Teloschistes flavicans</i> and its cultivated symbionts. <i>FEMS Microbiology Letters</i> , 2005, 247, 1-6.   | 1.8 | 15        |
| 110 | Galactofuranose-containing O-linked oligosaccharides present in the cell wall peptidogalactomannan of <i>Aspergillus fumigatus</i> contain immunodominant epitopes. <i>Glycobiology</i> , 2003, 13, 681-692. | 2.5 | 96        |
| 111 | <i>Croton urucurana</i> Baill. Ameliorates Metabolic Associated Fatty Liver Disease in Rats. <i>Frontiers in Pharmacology</i> , 0, 13, .   | 3.5 | 1         |