

Irwin Rose de Alencar Menezes

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.

264
papers

4,026
citations

33
h-index

48
g-index

272
ext. papers

5,012
ext. citations

4
avg, IF

5.25
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 264 | Evaluation of the antifungal activity of β -CD and β -cyclodextrin inclusion complexes in <i>Folium Microbiologica</i> , 2022 , 1 | 2.8 | |
| 263 | Vaccination for COVID-19 in children: Denialism or misinformation?. <i>Journal of Pediatric Nursing</i> , 2022 , | 2.2 | 1 |
| 262 | Chemical constituents and antibacterial activity of <i>Bromelia laciniosa</i> (Bromeliaceae): Identification and structural characterization. <i>Phytomedicine Plus</i> , 2022 , 2, 100215 | | 0 |
| 261 | Matrix stiffness regulates lipid nanoparticle-mRNA delivery in cell-laden hydrogels.. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022 , 102550 | 6 | 0 |
| 260 | Characterization of the vasodilator effect of eugenol in isolated human umbilical cord arteries.. <i>Chemico-Biological Interactions</i> , 2022 , 359, 109890 | 5 | |
| 259 | Enhancement of the functionality of women with knee osteoarthritis by a gel formulation with <i>Caryocar coriaceum</i> Wittm ("Pequi") nanoencapsulated pulp fixed oil.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112938 | 7.5 | 1 |
| 258 | Comparative analysis of chemical profiles and antioxidant activities of essential oils obtained from species of <i>Lippia</i> L. by chemometrics.. <i>Food Chemistry</i> , 2022 , 384, 132614 | 8.5 | 1 |
| 257 | Hypoglycemic, Hypolipidemic, and Anti-Inflammatory Effects of Beta-Pinene in Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-8 | 2.3 | 1 |
| 256 | Central depressant effects of <i>Piper tuberculatum</i> Jacq essential oil in mice. <i>Food Bioscience</i> , 2022 , 1018139 | | |
| 255 | Enhancement of the antibiotic activity by quercetin against <i>Staphylococcus aureus</i> efflux pumps. <i>Journal of Bioenergetics and Biomembranes</i> , 2021 , 53, 157-167 | 3.7 | 4 |
| 254 | The 1,8-naphthyridines sulfonamides are NorA efflux pump inhibitors. <i>Journal of Global Antimicrobial Resistance</i> , 2021 , 24, 233-240 | 3.4 | 5 |
| 253 | Effect of the <i>Croton rhamnifolioides</i> Essential Oil and the Inclusion Complex (OEFC/ECED) in Antinociceptive Animal Models. <i>Macromol</i> , 2021 , 1, 94-111 | | 0 |
| 252 | Antinociceptive Effect of Volatile Oils from <i>Ocimum basilicum</i> Flowers on Adult Zebrafish. <i>Revista Brasileira De Farmacognosia</i> , 2021 , 31, 282-289 | 2 | 0 |
| 251 | Evaluation of antibacterial activity and reversal of the NorA and MepA efflux pump of estragole against <i>Staphylococcus aureus</i> bacteria. <i>Archives of Microbiology</i> , 2021 , 203, 3551-3555 | 3 | 3 |
| 250 | Chemical synthesis, molecular docking and MepA efflux pump inhibitory effect by 1,8-naphthyridines sulfonamides. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 160, 105753 | 5.1 | 2 |
| 249 | Effect of Carvacrol and Thymol on NorA efflux pump inhibition in multidrug-resistant (MDR) <i>Staphylococcus aureus</i> strains. <i>Journal of Bioenergetics and Biomembranes</i> , 2021 , 53, 489-498 | 3.7 | 8 |
| 248 | Serological and molecular epidemiology of the Dengue, Zika and Chikungunya viruses in a risk area in Brazil. <i>BMC Infectious Diseases</i> , 2021 , 21, 704 | 4 | 1 |

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| 247 | Evaluation of chelating and cytoprotective activity of vanillin against the toxic action of mercuric chloride as an alternative for phytoremediation. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 1609-1616 | 4.7 | 2 |
| 246 | FTIR analysis of pyrogallol and phytotoxicity-reductive effect against mercury chloride. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 2433-2442 | 4.7 | 3 |
| 245 | Analytical techniques to recognize inclusion complexes formation involving monoterpenes and cyclodextrins: A study case with (-) borneol, a food ingredient. <i>Food Chemistry</i> , 2021 , 339, 127791 | 8.5 | 7 |
| 244 | In vitro and in silico inhibitory effects of synthetic and natural eugenol derivatives against the NorA efflux pump in <i>Staphylococcus aureus</i> . <i>Food Chemistry</i> , 2021 , 337, 127776 | 8.5 | 14 |
| 243 | HPLC-DAD-UV analysis, anti-inflammatory and anti-neuropathic effects of methanolic extract of <i>Sideritis bilgeriana</i> (Lamiaceae) by NF- κ B, TNF- α , IL-1 β and IL-6 involvement. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113338 | 5 | 12 |
| 242 | Chemical composition, antioxidant and antiprotozoal activity of Kiaersk. leaves essential oil. <i>Natural Product Research</i> , 2021 , 35, 1914-1918 | 2.3 | 3 |
| 241 | Antibacterial activity and inhibition against <i>Staphylococcus aureus</i> NorA efflux pump by ferulic acid and its esterified derivatives. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021 , 11, 405 | 1.4 | 5 |
| 240 | Biological activities of the essential oil from the leaves of <i>Lantana montevidensis</i> (Spreng) Briq. in mice. <i>Environment, Development and Sustainability</i> , 2021 , 23, 14958-14981 | 4.5 | 0 |
| 239 | Involvement of nuclear factor κ B and descending pain pathways in the anti-hyperalgesic effect of α -Citronellol, a food ingredient, complexed in β -cyclodextrin in a model of complex regional pain syndrome - Type 1. <i>Food and Chemical Toxicology</i> , 2021 , 153, 112260 | 4.7 | 1 |
| 238 | Antibacterial and modulatory activities of β -cyclodextrin complexed with (+)- α -Citronellol against multidrug-resistant strains. <i>Microbial Pathogenesis</i> , 2021 , 156, 104928 | 3.8 | 3 |
| 237 | In Vitro and In Silico Inhibition of <i>Staphylococcus aureus</i> Efflux Pump NorA by α -Pinene and Limonene. <i>Current Microbiology</i> , 2021 , 78, 3388-3393 | 2.4 | 3 |
| 236 | Inhibition of the MepA efflux pump by limonene demonstrated by in vitro and in silico methods. <i>Folia Microbiologica</i> , 2021 , 1 | 2.8 | 2 |
| 235 | FTIR analysis and reduction of the phytotoxic effect of mercury dichloride by rutin. <i>Rhizosphere</i> , 2021 , 19, 100393 | 3.5 | 3 |
| 234 | Pharmacological and toxicological activities of β -humulene and its isomers: A systematic review. <i>Trends in Food Science and Technology</i> , 2021 , 115, 255-274 | 15.3 | 4 |
| 233 | Biological properties of terpinolene evidenced by in silico, in vitro and in vivo studies: A systematic review. <i>Phytomedicine</i> , 2021 , 93, 153768 | 6.5 | 0 |
| 232 | Evaluation of Elaiophyllin extracted from <i>Streptomyces hygroscopicus</i> as a potential inhibitor of the NorA efflux protein in <i>Staphylococcus aureus</i> : An in vitro and in silico approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 50, 128334 | 2.9 | 1 |
| 231 | Evaluation of the neuroprotective effect of rutin on <i>Drosophila melanogaster</i> about behavioral and biochemical aspects induced by mercury chloride (HgCl ₂). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 249, 109119 | 3.2 | 1 |
| 230 | Effect of hybrid combinations of <i>Erythroxylum revolutum</i> Mart. leaf ethanolic extract or alkaloid-enriched fraction with antibiotic drugs against multidrug-resistant bacteria strains. <i>Phytomedicine Plus</i> , 2021 , 1, 100105 | | |

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| 229 | Topical anti-inflammatory effect of hydroalcoholic extract of leaves of <i>Licania rigida</i> Benth. in mice. <i>Phytomedicine Plus</i> , 2021 , 1, 100110 | | 1 |
| 228 | Antinociceptive and anti-inflammatory activities of <i>Hymenaea martiana</i> Hayne (Fabaceae) in mice. <i>Brazilian Journal of Biology</i> , 2021 , 82, e240359 | 1.5 | 2 |
| 227 | Antiedematogenic and Anti-Inflammatory Activity of the Monoterpene Isopulegol and Its β -Cyclodextrin (β -CD) Inclusion Complex in Animal Inflammation Models. <i>Foods</i> , 2020 , 9, | 4.9 | 3 |
| 226 | Nootkatone Inhibits Acute and Chronic Inflammatory Responses in Mice. <i>Molecules</i> , 2020 , 25, | 4.8 | 13 |
| 225 | GC-MS Profile and Enhancement of Antibiotic Activity by the Essential Oil of and Safrole: Inhibition of Efflux Pumps. <i>Antibiotics</i> , 2020 , 9, | 4.9 | 17 |
| 224 | Dereplication and quantification of the ethanol extract of <i>Miconia albicans</i> (Melastomaceae) by HPLC-DAD-ESI-/MS/MS, and assessment of its anti-hyperalgesic and anti-inflammatory profiles in a mice arthritis-like model: Evidence for involvement of TNF- α , IL-1 β and IL-6. <i>Journal of Ethnopharmacology</i> , 2020 , 258, 112888 | 5 | 5 |
| 223 | Anti-Inflammatory and Physicochemical Characterization of the Essential Oil Inclusion Complex in β -Cyclodextrin. <i>Biology</i> , 2020 , 9, | 4.9 | 6 |
| 222 | UPLC-MS-ESI-QTOF analysis and Anti-Candida activity of fractions from <i>Psidium guajava</i> L.. <i>South African Journal of Botany</i> , 2020 , 131, 421-427 | 2.9 | 1 |
| 221 | Relaxant Effect of Monoterpene (-)-Carveol on Isolated Human Umbilical Cord Arteries and the Involvement of Ion Channels. <i>Molecules</i> , 2020 , 25, | 4.8 | 7 |
| 220 | <i>Machaerium acutifolium</i> lectin inhibits inflammatory responses through cytokine modulation. <i>Process Biochemistry</i> , 2020 , 97, 149-157 | 4.8 | 0 |
| 219 | Phytol, a Chlorophyll Component, Produces Antihyperalgesic, Anti-inflammatory, and Antiarthritic Effects: Possible NFB Pathway Involvement and Reduced Levels of the Proinflammatory Cytokines TNF- α and IL-6. <i>Journal of Natural Products</i> , 2020 , 83, 1107-1117 | 4.9 | 21 |
| 218 | Pharmacological applications of farnesol (CHO): a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2020 , 30, 227-234 | 6.8 | 7 |
| 217 | Influence of seasonal variation on phenolic content and in vitro antioxidant activity of <i>Secondatia floribunda</i> A. DC. (Apocynaceae). <i>Food Chemistry</i> , 2020 , 315, 126277 | 8.5 | 20 |
| 216 | Effect of β -Bisabolol and Its β -Cyclodextrin Complex as TetK and NorA Efflux Pump Inhibitors in Strains. <i>Antibiotics</i> , 2020 , 9, | 4.9 | 16 |
| 215 | The role of extracts from <i>Eugenia uniflora</i> L. against metal stress in eukaryotic and prokaryotic models. <i>South African Journal of Botany</i> , 2020 , 131, 360-368 | 2.9 | 0 |
| 214 | A. St.-Hill Methanolic Fraction in a Chlorpyrifos-Induced Toxicity Model in : Protective Role of Gallic Acid. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 3960170 | 6.7 | 3 |
| 213 | Synthesis of Silver Nanoparticles Using (L.) J. Sm. and Evaluation of their Biological Potentials. <i>Pharmaceuticals</i> , 2020 , 13, | 5.2 | 9 |
| 212 | Chemical Composition and In Vitro Antiprotozoal Properties of <i>Cephaelis ipepacuanha</i> / Composiçõ Química e Propriedades Antiprotozoárias In Vitro da <i>Cephaelis ipepacuanha</i> . <i>Brazilian Journal of Health Review</i> , 2020 , 3, 16525-16536 | 0 | |

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| 211 | Systematic review: Medicinal use and scientific elucidation of the Piper genus for the treatment of symptoms and inflammatory diseases. <i>Journal of Medicinal Plants Research</i> , 2020 , 14, 62-72 | 0.6 | 3 |
| 210 | Lipid vesicles: applications, principal components and methods used in their formulations: A review. <i>Acta Biologica Colombiana</i> , 2020 , 25, 339-352 | 0.5 | 5 |
| 209 | Myorelaxant action of the <i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants essential oil and its major constituent β -terpinene in isolated rat trachea. <i>Food Chemistry</i> , 2020 , 325, 126923 | 8.5 | 4 |
| 208 | Effect of hydroxyamines derived from lapachol and norlachol against <i>Staphylococcus aureus</i> strains carrying the NorA efflux pump. <i>Infection, Genetics and Evolution</i> , 2020 , 84, 104370 | 4.5 | 8 |
| 207 | Anxiolytic and antidepressant-like effects of <i>Annona coriacea</i> (Mart.) and caffeic acid in mice. <i>Food and Chemical Toxicology</i> , 2020 , 136, 111049 | 4.7 | 12 |
| 206 | Antinociceptive activity of the <i>Psidium brownianum</i> Mart ex DC. leaf essential oil in mice. <i>Food and Chemical Toxicology</i> , 2020 , 135, 111053 | 4.7 | 5 |
| 205 | Seasonality influence on the chemical composition and antifungal activity of <i>Psidium myrtooides</i> O. Berg. <i>South African Journal of Botany</i> , 2020 , 128, 9-17 | 2.9 | 9 |
| 204 | Utilization of SDS-PAGE and histochemistry for pharmacognostical studies on selected mangroves and halophytes from the Pichavaram, South India. <i>Environment, Development and Sustainability</i> , 2020 , 22, 7607-7618 | 4.5 | |
| 203 | Micropatterned hydrogels and cell alignment enhance the odontogenic potential of stem cells from apical papilla in-vitro. <i>Dental Materials</i> , 2020 , 36, 88-96 | 5.7 | 13 |
| 202 | Pharmacological screening of the phenolic compound caffeic acid using rat aorta, uterus and ileum smooth muscle. <i>Chemico-Biological Interactions</i> , 2020 , 332, 109269 | 5 | 5 |
| 201 | Phytochemical profile of <i>Anacardium occidentale</i> L. (cashew tree) and the cytotoxic and toxicological evaluation of its bark and leaf extracts. <i>South African Journal of Botany</i> , 2020 , 135, 355-364 ^{2.9} | | 7 |
| 200 | Effect of Vitamin K Inhibiting the Function of NorA Efflux Pump and Its Gene Expression on. <i>Membranes</i> , 2020 , 10, | 3.8 | 14 |
| 199 | Do 1,8-naphthyridine sulfonamides possess an inhibitory action against Tet(K) and MsrA efflux pumps in multiresistant <i>Staphylococcus aureus</i> strains?. <i>Microbial Pathogenesis</i> , 2020 , 147, 104268 | 3.8 | 3 |
| 198 | Leishmanicidal and trypanocidal potential of the essential oil of DC. <i>Natural Product Research</i> , 2020 , 1-5 | 2.3 | 2 |
| 197 | UPLC-MS-QTOF analysis and antifungal activity of Cumaru (). <i>3 Biotech</i> , 2020 , 10, 545 | 2.8 | 0 |
| 196 | Characterization, antibacterial activity and antibiotic modifying action of the Wittm. pulp and almond fixed oil. <i>Natural Product Research</i> , 2020 , 34, 3239-3243 | 2.3 | 2 |
| 195 | Effects of the <i>Hyptis martiusii</i> Benth. leaf essential oil and 1,8-cineole (eucalyptol) on the central nervous system of mice. <i>Food and Chemical Toxicology</i> , 2019 , 133, 110802 | 4.7 | 9 |
| 194 | GC-MS Chemical Characterization and In Vitro Evaluation of Antioxidant and Toxic Effects Using Model of the Essential Oil of (Spreng) Briq. <i>Medicina (Lithuania)</i> , 2019 , 55, | 3.1 | 5 |

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| 193 | Anti-inflammatory activity of herb products from <i>Licania rigida</i> Benth. <i>Complementary Therapies in Medicine</i> , 2019 , 45, 254-261 | 3.5 | 11 |
| 192 | <i>Ximenia americana</i> L. enhances the antibiotic activity and inhibit the development of kinetoplastid parasites. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019 , 64, 40-46 | 2.6 | 4 |
| 191 | Toxicological and pharmacologic effects of farnesol (CHO): A descriptive systematic review. <i>Food and Chemical Toxicology</i> , 2019 , 129, 169-200 | 4.7 | 12 |
| 190 | Antibiotic Activity Potentiation and Physicochemical Characterization of the Fixed Almond Oil against MDR and Other Bacteria. <i>Antibiotics</i> , 2019 , 8, | 4.9 | 4 |
| 189 | Central nervous system and analgesic profiles of <i>Lippia</i> genus. <i>Revista Brasileira De Farmacognosia</i> , 2019 , 29, 125-135 | 2 | 6 |
| 188 | Mercury chloride phytotoxicity reduction using antioxidative mechanisms evidenced by caffeic acid FTIR. <i>Applied Geochemistry</i> , 2019 , 104, 109-115 | 3.5 | 10 |
| 187 | Possible involvement of transcriptional activation of nuclear factor erythroid 2-related factor 2 (Nrf2) in the protective effect of caffeic acid on paraquat-induced oxidative damage in <i>Drosophila melanogaster</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019 , 157, 161-168 | 4.9 | 19 |
| 186 | Identification of the gallic acid mechanism of action on mercury chloride toxicity reduction using infrared spectroscopy and antioxidant assays. <i>International Biodeterioration and Biodegradation</i> , 2019 , 141, 24-29 | 4.8 | 11 |
| 185 | The antioxidative effects of bioactive products from <i>Sargassum polycystum</i> C. Agardh and <i>Sargassum duplicatum</i> J. Agardh against inflammation and other pathological issues. <i>Complementary Therapies in Medicine</i> , 2019 , 46, 19-23 | 3.5 | 10 |
| 184 | Comparative Analysis of the Antibacterial Activity and HPLC Phytochemical Screening of the Brazilian Red Propolis and the Resin of <i>Dalbergia ecastaphyllum</i> . <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900344 | 2.5 | 2 |
| 183 | Thiazolidinedione and thiazole derivatives potentiate norfloxacin activity against NorA efflux pump over expression in <i>Staphylococcus aureus</i> 1199B strains. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 3797-3804 | 3.4 | 12 |
| 182 | Influence of seasonality on the phenolic composition of <i>Secondatia floribunda</i> A.DC (Apocynaceae) during its phenological cycle. <i>Acta Physiologiae Plantarum</i> , 2019 , 41, 1 | 2.6 | 4 |
| 181 | Antibiotic-Potentiating Activity of Phanostenine Isolated from <i>Cissampelos sympodialis</i> Eichler. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900313 | 2.5 | 3 |
| 180 | Phenolic Composition and Antifungal Effect of <i>Costus cf. arabicus</i> L Against Yeast of the <i>Candida</i> Genus. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 502-511 | 0.8 | 1 |
| 179 | HPLC-DAD analysis and antifungal effect of <i>Hyptis martiusii</i> Benth (Lamiaceae) against <i>Candida</i> strains. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2019 , 9, 123 | 1.4 | 2 |
| 178 | Evaluation of the Antifungal Activity of the Leaf Ethanol Extract against Biofilms Formed by <i>Sp.</i> Isolates in Acrylic Resin Discs. <i>Antibiotics</i> , 2019 , 8, | 4.9 | 11 |
| 177 | Molecular mechanism underlying orofacial antinociceptive activity of <i>Vanillosmopsis arborea</i> Baker (Asteraceae) essential oil complexed with β -cyclodextrin. <i>Phytomedicine</i> , 2019 , 55, 293-301 | 6.5 | 6 |
| 176 | Comparative study of alpha- and beta-pinene effect on PTZ-induced convulsions in mice. <i>Fundamental and Clinical Pharmacology</i> , 2019 , 33, 181-190 | 3.1 | 16 |

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| 175 | Discourse of the Collective Subject as a Method for Analysis of Data in Ethnobiological Research. <i>Springer Protocols</i> , 2019 , 55-67 | 0.3 | 0 |
| 174 | Tocolytic activity of the Lippia alba essential oil and its major constituents, citral and limonene, on the isolated uterus of rats. <i>Chemico-Biological Interactions</i> , 2019 , 297, 155-159 | 5 | 11 |
| 173 | Phytotoxicity reduction of the mercury chloride effect by natural products from Eugenia jambolana Lam.: A new strategy against the toxic metal pollution. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 170, 461-467 | 7 | 4 |
| 172 | Carvacrol/β-cyclodextrin inclusion complex inhibits cell proliferation and migration of prostate cancer cells. <i>Food and Chemical Toxicology</i> , 2019 , 125, 198-209 | 4.7 | 35 |
| 171 | Psidium guajava bioactive product chemical analysis and heavy metal toxicity reduction. <i>Chemosphere</i> , 2019 , 216, 785-793 | 8.4 | 5 |
| 170 | Comparative analysis of the antibacterial and drug-modulatory effect of d-limonene alone and complexed with β-cyclodextrin. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 128, 158-161 | 5.1 | 18 |
| 169 | LC-MS analysis and cytoprotective effect against the mercurium and aluminium toxicity by bioactive products of Psidium brownianum Mart. ex DC. <i>Journal of Hazardous Materials</i> , 2019 , 370, 54-62 ^{12.8} | | 7 |
| 168 | Chemical fingerprint, acute oral toxicity and anti-inflammatory activity of the hydroalcoholic extract of leaves from (Cham. & Schlecht.) K. Schum. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 873-880 | 4 | 1 |
| 167 | Antiulcerogenic activity of the hydroalcoholic extract of leaves of Linnaeus in mice. <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 609-621 | 4 | 12 |
| 166 | Potential of antibiotic activity by Mast. front of strains and. <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 37-43 | 4 | 25 |
| 165 | Chemical composition, antioxidant and antibacterial activities and evaluation of cytotoxicity of the fractions obtained from Selaginella convoluta (Arn.) Spring (Selaginellaceae). <i>Biotechnology and Biotechnological Equipment</i> , 2018 , 32, 506-512 | 1.6 | 9 |
| 164 | Pancratium triflorum Roxb. (Amaryllidaceae) and Molineria trichocarpa (Wight) N.P. Balakr (Hypoxidaceae): Cytotoxic and antioxidant activities. <i>Food and Chemical Toxicology</i> , 2018 , 119, 290-295 | 4.7 | 3 |
| 163 | Anti-inflammatory and anti-edematogenic action of the Croton campestris A. St.-Hil (Euphorbiaceae) essential oil and the compound β-caryophyllene in in vivo models. <i>Phytomedicine</i> , 2018 , 41, 82-95 | 6.5 | 25 |
| 162 | Evaluation of the antioxidant and gastroprotective activity and HPLC analysis of the hydroalcoholic extract of Tocoyena formosa leaves (Cham. & Schlecht) K. Schum. <i>Food and Chemical Toxicology</i> , 2018 , 112, 355-362 | 4.7 | 6 |
| 161 | Effect of the (Mill.) N.E. Brown essential oil and its main constituents, citral and limonene, on the tracheal smooth muscle of rats. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2018 , 17, 31-34 | 5.3 | 16 |
| 160 | Caffeine-supplemented diet modulates oxidative stress markers and improves locomotor behavior in the lobster cockroach Nauphoeta cinerea. <i>Chemico-Biological Interactions</i> , 2018 , 282, 77-84 | 5 | 11 |
| 159 | HPLC profile and antiedematogenic activity of Ximenia americana L. (Olacaceae) in mice models of skin inflammation. <i>Food and Chemical Toxicology</i> , 2018 , 119, 199-205 | 4.7 | 9 |
| 158 | In vitro e in silico evaluation of the inhibition of Staphylococcus aureus efflux pumps by caffeic and gallic acid. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018 , 57, 22-28 | 2.6 | 54 |

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| 157 | Modulation of antibiotic activity by the hydroalcoholic extract from leaves of <i>Caryocar coriaceum</i> WITTM. <i>Natural Product Research</i> , 2018 , 32, 477-480 | 2.3 | 4 |
| 156 | Toxicity against <i>Drosophila melanogaster</i> and antiedematogenic and antimicrobial activities of <i>Alternanthera brasiliana</i> (L.) Kuntze (Amaranthaceae). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 10353-10361 | 5.1 | 5 |
| 155 | Antiulcer Activity and Potential Mechanism of Action of the Leaves of L. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 1731459 | 6.7 | 25 |
| 154 | Ethanol extract of the aerial parts of <i>Passiflora cincinnata</i> Mast. (Passifloraceae) reduces nociceptive and inflammatory events in mice. <i>Phytomedicine</i> , 2018 , 47, 58-68 | 6.5 | 12 |
| 153 | Gastroprotective Activity of Hydroalcoholic Extract of the <i>Stryphnodendron rotundifolium</i> Mart. in Mice: Mechanism Actions Assay. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, | 0.8 | 5 |
| 152 | Antimicrobial, Gastroprotective and Healing Effect of the Hydroalcoholic Extract of <i>Astronium fraxinifolium</i> . <i>Letters in Drug Design and Discovery</i> , 2018 , 15, | 0.8 | 2 |
| 151 | Effect of seasonality on chemical profile and antifungal activity of essential oil isolated from leaves (Kunth) O. Berg. <i>PeerJ</i> , 2018 , 6, e5476 | 3.1 | 11 |
| 150 | Cholecalciferol, Ergosterol, and Cholesterol Enhance the Antibiotic Activity of Drugs. <i>International Journal for Vitamin and Nutrition Research</i> , 2018 , 88, 244-250 | 1.7 | 5 |
| 149 | Phytochemical profile and mechanisms involved in the anti-nociception caused by the hydroethanolic extract obtained from <i>Tocoyena formosa</i> (Cham. & Schltdl.) K. Schum (Jenipapo-bravo) leaves in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 321-329 | 7.5 | 7 |
| 148 | New 132-epi-Phaeophorbide a Ethyl Ester from <i>Lantana camara</i> . <i>Chemistry of Natural Compounds</i> , 2018 , 54, 1114-1117 | 0.7 | |
| 147 | Evaluation of gastroprotective and ulcer healing activities of yellow mombin juice from <i>Spondias mombin</i> L. <i>PLoS ONE</i> , 2018 , 13, e0201561 | 3.7 | 8 |
| 146 | Essential Oils and Their Major Compounds in the Treatment of Chronic Inflammation: A Review of Antioxidant Potential in Preclinical Studies and Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 6468593 | 6.7 | 32 |
| 145 | Modulation of the Antibiotic Activity by the (Buriti) Fixed Oil against Methicillin-Resistant <i>Staphylococcus Aureus</i> (MRSA) and Other Multidrug-Resistant (MDR) Bacterial Strains. <i>Pathogens</i> , 2018 , 7, | 4.5 | 14 |
| 144 | Vasorelaxant effect of the <i>Lippia alba</i> essential oil and its major constituent, citral, on the contractility of isolated rat aorta. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 792-798 | 7.5 | 13 |
| 143 | The inclusion complex of carvacrol and β -cyclodextrin reduces acute skeletal muscle inflammation and nociception in rats. <i>Pharmacological Reports</i> , 2018 , 70, 1139-1145 | 3.9 | 6 |
| 142 | Larvicidal activity of some medicinal plant extracts against filariasis fever mosquito, <i>Culex quinquefasciatus</i> (Say.) (Diptera: Culicidae). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018 , 61, 1-4 | 2.6 | 0 |
| 141 | Promotes Neuroprotection Dependently of AKT and ERK Phosphorylation but Does Not Prevent Mitochondrial Damage by 6-OHDA. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2131895 | 6.7 | 3 |
| 140 | Interaction energy profile for diphenyl diselenide in complex with β -aminolevulinic acid dehydratase enzyme using quantum calculations and a molecular fragmentation method. <i>Computational Toxicology</i> , 2018 , 7, 9-19 | 3.1 | 5 |

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| 18 | Natural products from ethnodirected studies: revisiting the ethnobiology of the zombie poison. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 202508 | 2.3 | 10 |
| 17 | Antibacterial and antioxidant activities of <i>Licania tomentosa</i> (Benth.) fritsch (chrysobalanaceae). <i>Archives of Biological Sciences</i> , 2012 , 64, 459-464 | 0.7 | 4 |
| 16 | Modulation of topical inflammation and visceral nociception by <i>Vanillosmopsis arborea</i> essential oil in mice. <i>Biomedicine and Preventive Nutrition</i> , 2011 , 1, 216-222 | | 8 |
| 15 | Topical anti-inflammatory effect of <i>Caryocar coriaceum</i> Wittm. (Caryocaraceae) fruit pulp fixed oil on mice ear edema induced by different irritant agents. <i>Journal of Ethnopharmacology</i> , 2011 , 136, 504-10 | 5 | 82 |
| 14 | Antibacterial and modulatory effect of <i>Stryphnodendron rotundifolium</i> . <i>Pharmaceutical Biology</i> , 2011 , 49, 1265-70 | 3.8 | 15 |

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| 13 | Sida cordifolia leaf extract reduces the orofacial nociceptive response in mice. <i>Phytotherapy Research</i> , 2011 , 25, 1236-41 | 6.7 | 35 |
| 12 | Synergistic action between Caryocar coriaceum Wittm. fixed oil with aminoglycosides in vitro. <i>European Journal of Lipid Science and Technology</i> , 2011 , 113, 967-972 | 3 | 16 |
| 11 | Enhancement of the antibiotic activity of erythromycin by volatile compounds of Lippia alba (Mill.) N.E. Brown against Staphylococcus aureus. <i>Pharmacognosy Magazine</i> , 2011 , 7, 334-7 | 0.8 | 7 |
| 10 | Antioxidant activity of five Brazilian plants used as traditional medicines and food in Brazil. <i>Pharmacognosy Magazine</i> , 2010 , 6, 335-8 | 0.8 | 20 |
| 9 | Topical anti-inflammatory activity of body fat from the lizard Tupinambis merianae. <i>Journal of Ethnopharmacology</i> , 2010 , 130, 514-20 | 5 | 34 |
| 8 | Antinociceptive effect of citronellal in mice. <i>Pharmaceutical Biology</i> , 2010 , 48, 411-6 | 3.8 | 49 |
| 7 | Phytochemical screening and anticonvulsant activity of Cymbopogon winterianus Jowitt (Poaceae) leaf essential oil in rodents. <i>Phytomedicine</i> , 2008 , 15, 619-24 | 6.5 | 94 |
| 6 | Three-dimensional models of non-steroidal ligands: a comparative molecular field analysis. <i>Steroids</i> , 2006 , 71, 417-28 | 2.8 | 8 |
| 5 | 3D QSAR studies on binding affinities of coumarin natural products for glycosomal GAPDH of Trypanosoma cruzi. <i>Journal of Computer-Aided Molecular Design</i> , 2003 , 17, 277-90 | 4.2 | 24 |
| 4 | Automated search for potentially active compounds by using cluster trees. <i>European Journal of Medicinal Chemistry</i> , 1999 , 34, 83-92 | 6.8 | 3 |
| 3 | Chemical composition, antibacterial and modulatory action of the essential oil of Croton rhamnifolioides leaves Pax and Hoffman. <i>Bioscience Journal</i> , 1632-1643 | 2 | 5 |
| 2 | Cytotoxic potential and antiparasitic activity of the Croton rhamnifolioides Pax leaves. & K. Hoffm essential oil and its inclusion complex (EOCr/ECD). <i>Polymer Bulletin</i> , 1 | 2.4 | 1 |
| 1 | Acaricide activity of the Ximenia americana L. (Olacaceae) stem bark hydroethanolic extract against Rhipicephalus (Boophilus) microplus. <i>Biologia (Poland)</i> , 1 | 1.5 | 0 |