

Norberto Peporine Lopes

List of Publications by Citations

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428
papers

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43
h-index

85
g-index

470
ext. papers

12,409
ext. citations

3.6
avg. IF

6.12
L-index

#	Paper	IF	Citations
428	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016 , 34, 828-837	44.5	1566
427	Plantas medicinais: fatores de influência no conteúdo de metabólitos secundários. <i>Quimica Nova</i> , 2007 , 30, 374-381	1.6	473
426	Metabolites from algae with economical impact. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 146, 60-78	3.2	395
425	Evaluation of the anti-inflammatory, analgesic and antipyretic activities of the natural polyphenol chlorogenic acid. <i>Biological and Pharmaceutical Bulletin</i> , 2006 , 29, 2236-40	2.3	363
424	Fragmentation reactions using electrospray ionization mass spectrometry: an important tool for the structural elucidation and characterization of synthetic and natural products. <i>Natural Product Reports</i> , 2016 , 33, 432-55	15.1	247
423	The potential of secondary metabolites from plants as drugs or leads against protozoan neglected diseases - part I. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2128-75	4.3	149
422	The Potential of Secondary Metabolites from Plants as Drugs or Leads Against Protozoan Neglected Diseases - Part II. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2176-2228	4.3	142
421	Propagating annotations of molecular networks using in silico fragmentation. <i>PLoS Computational Biology</i> , 2018 , 14, e1006089	5	139
420	Exogenous influences on plant secondary metabolite levels. <i>Animal Feed Science and Technology</i> , 2012 , 176, 5-16	3	130
419	Mass spectrometry in plant metabolomics strategies: from analytical platforms to data acquisition and processing. <i>Natural Product Reports</i> , 2014 , 31, 784-806	15.1	124
418	Low expression of CD39 on regulatory T cells as a biomarker for resistance to methotrexate therapy in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2509-14	11.5	93
417	Global chemical analysis of biology by mass spectrometry. <i>Nature Reviews Chemistry</i> , 2017 , 1,	34.6	91
416	Analyses of the genotoxic and mutagenic potential of the products formed after the biotransformation of the azo dye Disperse Red 1. <i>Toxicology in Vitro</i> , 2011 , 25, 2054-63	3.6	89
415	Inhibition of horseradish peroxidase catalytic activity by new 3-phenylcoumarin derivatives: synthesis and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 1516-24	3.4	89
414	Antimalarial use of volatile oil from leaves of <i>Virola surinamensis</i> (Rol.) Warb. by Waiñi Amazon Indians. <i>Journal of Ethnopharmacology</i> , 1999 , 67, 313-9	5	89
413	Online identification of chlorogenic acids, sesquiterpene lactones, and flavonoids in the Brazilian arnica <i>Lychnophora ericoides</i> Mart. (Asteraceae) leaves by HPLC-DAD-MS and HPLC-DAD-MS/MS and a validated HPLC-DAD method for their simultaneous analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 1193-204	5.7	74
412	Analgesic activity of the lignans from <i>Lychnophora ericoides</i> . <i>Phytochemistry</i> , 2000 , 55, 809-13	4	74

411	Biological activities from extracts of endophytic fungi isolated from <i>Viguiera arenaria</i> and <i>Tithonia diversifolia</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 52, 134-44		71
410	Plant extracts, isolated phytochemicals, and plant-derived agents which are lethal to arthropod vectors of human tropical diseases--a review. <i>Planta Medica</i> , 2011 , 77, 618-30	3.1	70
409	Metabolic adjustments in two Amazonian cichlids exposed to hypoxia and anoxia. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005 , 141, 347-55	2.3	70
408	In vitro trypanocidal activity of triterpenes from <i>miconia</i> species. <i>Planta Medica</i> , 2003 , 69, 470-2	3.1	67
407	Flavonoids and lignans from <i>Virola surinamensis</i> twigs and their in vitro activity against <i>Trypanosoma cruzi</i> . <i>Planta Medica</i> , 1998 , 64, 667-8	3.1	67
406	The potential of secondary metabolites from plants as drugs or leads against protozoan neglected diseases - part II. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2176-228	4.3	67
405	Patent literature on mosquito repellent inventions which contain plant essential oils--a review. <i>Planta Medica</i> , 2011 , 77, 598-617	3.1	66
404	Tannins possessing bacteriostatic effect impair <i>Pseudomonas aeruginosa</i> adhesion and biofilm formation. <i>PLoS ONE</i> , 2013 , 8, e66257	3.7	63
403	Analgesic activity of di-caffeoylquinic acids from roots of <i>Lychnophora ericoides</i> (<i>Arnica da serra</i>). <i>Journal of Ethnopharmacology</i> , 2005 , 96, 545-9	5	63
402	Characterization of interactions between polyphenolic compounds and human serum proteins by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 625-32	4.4	62
401	Radical Ion Generation Processes of Organic Compounds in Electrospray Ionization Mass Spectrometry. <i>Mini-Reviews in Organic Chemistry</i> , 2007 , 4, 75-87	1.7	60
400	Antileishmanial sesquiterpenes from the Brazilian red alga <i>Laurencia dendroidea</i> . <i>Planta Medica</i> , 2011 , 77, 733-5	3.1	59
399	Volatile Retention and Antifungal Properties of Spray-Dried Microparticles of <i>Lippia sidoides</i> Essential Oil. <i>Drying Technology</i> , 2008 , 26, 1534-1542	2.6	56
398	Amazonian Brazilian medicinal plants described by C.F.P. von Martius in the 19th century. <i>Journal of Ethnopharmacology</i> , 2013 , 147, 180-9	5	52
397	[10]-gingerol induces apoptosis and inhibits metastatic dissemination of triple negative breast cancer. <i>Oncotarget</i> , 2017 , 8, 72260-72271	3.3	51
396	The fragmentation mechanism of five-membered lactones by electrospray ionisation tandem mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2004 , 232, 271-276	1.9	50
395	An integrative omics perspective for the analysis of chemical signals in ecological interactions. <i>Chemical Society Reviews</i> , 2018 , 47, 1574-1591	58.5	49
394	Alkaloids from stems of <i>Esenbeckia leiocarpa</i> Engl. (Rutaceae) as potential treatment for Alzheimer disease. <i>Molecules</i> , 2010 , 15, 9205-13	4.8	48

393	A theoretical and mass spectrometry study of the fragmentation of mycosporine-like amino acids. <i>International Journal of Mass Spectrometry</i> , 2008 , 273, 11-19	1.9	48
392	Fragmentation studies on monensin A and B by accurate-mass electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002 , 16, 414-20	2.2	45
391	Peridinin as the major biological carotenoid quencher of singlet oxygen in marine algae <i>Gonyaulax polyedra</i> . <i>Biochemical and Biophysical Research Communications</i> , 2000 , 268, 496-500	3.4	45
390	Naturally occurring fluorescence in frogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3672-3677	11.5	44
389	Nestmate recognition in a stingless bee: does the similarity of chemical cues determine guard acceptance?. <i>Animal Behaviour</i> , 2008 , 75, 1165-1171	2.8	44
388	Evaluation of the anti-inflammatory and antioxidant activities of di-C-glucoflavones from <i>Lychnophora ericoides</i> (Asteraceae). <i>Planta Medica</i> , 2005 , 71, 3-6	3.1	44
387	Antifungal constituents from roots of <i>Virolasurinamensis</i> . <i>Phytochemistry</i> , 1999 , 51, 29-33	4	44
386	Validation of a gas chromatographic method to quantify sesquiterpenes in copaiba oils. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 653-9	3.5	43
385	Sesquiterpene lactones from <i>Lychnophora ericoides</i> . <i>Journal of Natural Products</i> , 2003 , 66, 693-5	4.9	42
384	Natural Green coating inhibits adhesion of clinically important bacteria. <i>Scientific Reports</i> , 2015 , 5, 8287	4.9	41
383	Mass spectrometry of flavonoid vicenin-2, based sunlight barriers in <i>Lychnophora</i> species. <i>Scientific Reports</i> , 2014 , 4, 4309	4.9	41
382	Copper(II) complexes with Ediketones and N-donor heterocyclic ligands: Crystal structure, spectral properties, and cytotoxic activity. <i>Polyhedron</i> , 2015 , 89, 1-8	2.7	41
381	Biotransformation of a tetrahydrofuran lignan by the endophytic fungus <i>Phomopsis</i> Sp.. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 195-200	1.5	41
380	Produtos naturais: atualidade, desafios e perspectivas. <i>Quimica Nova</i> , 2002 , 25, 45-61	1.6	41
379	Quantification and localization of hesperidin and rutin in <i>Citrus sinensis</i> grafted on <i>C. limonia</i> after <i>Xylella fastidiosa</i> infection by HPLC-UV and MALDI imaging mass spectrometry. <i>Phytochemistry</i> , 2015 , 115, 161-70	4	40
378	In Silico prediction and experimental evaluation of furanoheliangolide sesquiterpene lactones as potent agents against <i>Trypanosoma brucei rhodesiense</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 325-32	5.9	40
377	Polyphenol-enriched cocoa protects the diabetic retina from glial reaction through the sirtuin pathway. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 64-74	6.3	39
376	New chemical evidence for the ability to generate radical molecular ions of polyenes from ESI and HR-MALDI mass spectrometry. <i>Analyst, The</i> , 2004 , 129, 1223-6	5	39

375	Fragmentation studies on monensin A by sequential electrospray mass spectrometry. <i>Analyst, The</i> , 2002 , 127, 503-6	5	39
374	Cuticular hydrocarbons in the stingless bee <i>Schwarziana quadripunctata</i> (Hymenoptera, Apidae, Meliponini): differences between colonies, castes and age. <i>Genetics and Molecular Research</i> , 2009 , 8, 589-95	1.2	39
373	Anti-inflammatory activity of aqueous extract and bioactive compounds identified from the fruits of <i>Hancornia speciosa</i> Gomes (Apocynaceae). <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 275	4.7	38
372	Queen signals in a stingless bee: suppression of worker ovary activation and spatial distribution of active compounds. <i>Scientific Reports</i> , 2014 , 4, 7449	4.9	37
371	Inhibitory effects of <i>Solidago chilensis</i> Meyen hydroalcoholic extract on acute inflammation. <i>Journal of Ethnopharmacology</i> , 2009 , 122, 478-85	5	37
370	Balance of xanthophylls molecular and protonated molecular ions in electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 963-8	2.2	37
369	The cuticular hydrocarbons profiles in the stingless bee <i>Melipona marginata</i> reflect task-related differences. <i>Journal of Insect Physiology</i> , 2010 , 56, 800-4	2.4	36
368	Triple quadrupole tandem mass spectrometry of sesquiterpene lactones: a study of goyazensolide and its congeners. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 1030-4	2.2	36
367	Synthesis of phthalocyanines-ALA conjugates: water-soluble compounds with low aggregation. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7962-5	4.2	35
366	Diketopiperazines produced by endophytic fungi found in association with two Asteraceae species. <i>Phytochemistry</i> , 2010 , 71, 1423-9	4	35
365	Fragmentation of diketopiperazines from <i>Aspergillus fumigatus</i> by electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>Journal of Mass Spectrometry</i> , 2007 , 42, 1279-86	2.2	35
364	Phenylpropanoid derivatives and biflavones at different stages of differentiation and development of <i>Araucaria angustifolia</i> . <i>Phytochemistry</i> , 2000 , 55, 575-80	4	35
363	Biomimetic in vitro oxidation of lapachol: a model to predict and analyse the in vivo phase I metabolism of bioactive compounds. <i>European Journal of Medicinal Chemistry</i> , 2012 , 54, 804-12	6.8	34
362	Inhibitory activity of flavonoids from <i>Lychnophora</i> sp. on generation of reactive oxygen species by neutrophils upon stimulation by immune complexes. <i>Phytotherapy Research</i> , 2004 , 18, 61-5	6.7	34
361	Lignans, Lactones and propiophenones of <i>Virola surinamensis</i> . <i>Phytochemistry</i> , 1996 , 43, 1089-1092	4	34
360	The azo dye Disperse Red 13 and its oxidation and reduction products showed mutagenic potential. <i>Toxicology in Vitro</i> , 2015 , 29, 1906-15	3.6	33
359	Inhibition of acute nociceptive responses in rats after i.c.v. injection of Thr6-bradykinin, isolated from the venom of the social wasp, <i>Polybia occidentalis</i> . <i>British Journal of Pharmacology</i> , 2007 , 151, 860-9	8.6	32
358	Espectrometria de massas com ionizaçã por "electrospray": processos quĩnicos envolvidos na formaçã de õns de substĩcias orgĩicas de baixo peso molecular. <i>Quimica Nova</i> , 2006 , 29, 287-292	1.6	32

357	Hypericum perforatum Reduces Paracetamol-Induced Hepatotoxicity and Lethality in Mice by Modulating Inflammation and Oxidative Stress. <i>Phytotherapy Research</i> , 2015 , 29, 1097-101	6.7	31
356	Re-examination of the anion derivatives of isoflavones by radical fragmentation in negative electrospray ionization tandem mass spectrometry: experimental and computational studies. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 2020-6	2.2	31
355	Lychnophorinae (asteraceae): a survey of its chemical constituents and biological activities. <i>Quimica Nova</i> , 2010 , 33, 2245-2260	1.6	31
354	Photostability evaluation of five UV-filters, trans-resveratrol and beta-carotene in sunscreens. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 78, 79-89	5.1	30
353	Metabolomics to Characterize Adaptive and Signaling Responses in Legume Crops under Abiotic Stresses. <i>ACS Omega</i> , 2020 , 5, 1752-1763	3.9	30
352	Seasonal variation of the major secondary metabolites present in the extract of <i>Eremanthus mattogrossensis</i> Less (Asteraceae: Vernoniaeae) leaves. <i>Quimica Nova</i> , 2012 , 35, 2139-2145	1.6	30
351	Circadian and seasonal variation in the essential oil from <i>Virola surinamensis</i> leaves. <i>Phytochemistry</i> , 1997 , 46, 689-693	4	30
350	A study of the effect of pH, solvent system, cone potential and the addition of crown ethers on the formation of the monensin protonated parent ion in electrospray mass spectrometry. <i>Analyst</i> , 2001 , 126, 1630-1632	5	30
349	Mass spectrometry-based metabolomics approach in the isolation of bioactive natural products. <i>Scientific Reports</i> , 2020 , 10, 1051	4.9	28
348	Aqueous extract from <i>Ipomoea asarifolia</i> (Convolvulaceae) leaves and its phenolic compounds have anti-inflammatory activity in murine models of edema, peritonitis and air-pouch inflammation. <i>Journal of Ethnopharmacology</i> , 2016 , 192, 225-235	5	28
347	Fungal tyrosine betaine, a novel secondary metabolite from conidia of entomopathogenic <i>Metarhizium</i> spp. fungi. <i>Fungal Biology</i> , 2010 , 114, 473-80	2.8	28
346	Trypanocidal activity of <i>Lychnophora staavioides</i> Mart. (Vernoniaeae, Asteraceae). <i>Phytomedicine</i> , 2003 , 10, 490-3	6.5	28
345	Oxidative metabolism of 5-o-caffeoylquinic acid (chlorogenic acid), a bioactive natural product, by metalloporphyrin and rat liver mitochondria. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 26, 62-70	5.1	28
344	Chemical signals in the stingless bee, <i>Frieseomelitta varia</i> , indicate caste, gender, age, and reproductive status. <i>Journal of Chemical Ecology</i> , 2009 , 35, 1172-80	2.7	27
343	Neurochemical characterization of a neuroprotective compound from <i>Parawixia bistriata</i> spider venom that inhibits synaptosomal uptake of GABA and glycine. <i>Molecular Pharmacology</i> , 2006 , 69, 1998-2006	4.3	27
342	Symbiotic skin bacteria as a source for sex-specific scents in frogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2124-2129	11.5	26
341	Leishmanicidal evaluation of tetrahydroprotoberberine and spirocyclic erythrina-alkaloids. <i>Molecules</i> , 2014 , 19, 5692-703	4.8	26
340	Antileukemic effects of <i>Didemnum psammatoedes</i> (Tunicata: Ascidiacea) constituents. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008 , 151, 363-369	2.6	26

339	Biomimetic oxidation of praziquantel catalysed by metalloporphyrins. <i>Journal of Molecular Catalysis A</i> , 2005 , 226, 23-31		26
338	Fragmentation studies on lasalocid acid by accurate mass electrospray mass spectrometry. <i>Analyst, The</i> , 2002 , 127, 1224-7	5	26
337	In vitro metabolism of the alkaloid piplartine by rat liver microsomes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 95, 113-20	3.5	25
336	Structure elucidation and anticancer activity of 7-oxostaurosporine derivatives from the Brazilian endemic tunicate <i>Eudistoma vannamei</i> . <i>Marine Drugs</i> , 2012 , 10, 1092-102	6	25
335	Flavonoids from <i>Lychnophora passerina</i> (Asteraceae): potential antioxidants and UV-protectants. <i>Biochemical Systematics and Ecology</i> , 2004 , 32, 239-243	1.4	25
334	Secondary metabolites from <i>Spirotropis longifolia</i> (DC) Baill and their antifungal activity against human pathogenic fungi. <i>Phytochemistry</i> , 2012 , 74, 166-72	4	24
333	Effects of chlorogenic acid on neutrophil locomotion functions in response to inflammatory stimulus. <i>Journal of Ethnopharmacology</i> , 2011 , 135, 261-9	5	24
332	3'3-ditrifluoromethyldiphenyl diselenide: a new organoselenium compound with interesting antigenotoxic and antimutagenic activities. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 673, 133-40	3	24
331	Fragmentation studies and electrospray ionization mass spectrometry of lapachol: protonated, deprotonated and cationized species. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 2101-8	2.2	24
330	Cytotoxic activity of a dichloromethane extract and fractions obtained from <i>Eudistoma vannamei</i> (Tunicata: Ascidiacea). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008 , 151, 391-398	2.6	24
329	Effects of caffeoylquinic acid derivatives and C-flavonoid from <i>Lychnophora ericoides</i> on in vitro inflammatory mediator production. <i>Natural Product Communications</i> , 2010 , 5, 733-40	0.9	24
328	Plant Natural Products for the Control of : The Main Vector of Important Arboviruses. <i>Molecules</i> , 2020 , 25,	4.8	24
327	Elucidating the neurotoxicity of the star fruit. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13061-60	1.7	23
326	Aplicaçõ da quõmica quõmica computacional no estudo de processos quõmicos envolvidos em espectrometria de massas. <i>Quimica Nova</i> , 2008 , 31, 840-853	1.6	23
325	Fragmentation studies on tetronasin by accurate-mass electrospray tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 325-35	3.5	23
324	Electrospray ionization mass spectrometry screening of piperidine alkaloids from <i>Senna spectabilis</i> (Fabaceae) extracts: fast identification of new constituents and co-metabolites. <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 1431-1438	1.5	23
323	Application of MALDI Mass Spectrometry in Natural Products Analysis. <i>Planta Medica</i> , 2016 , 82, 671-89	3.1	23
322	Degradation of atrazine by <i>Pseudomonas</i> sp. and <i>Achromobacter</i> sp. isolated from Brazilian agricultural soil. <i>International Biodeterioration and Biodegradation</i> , 2018 , 130, 17-22	4.8	22

321	Dereplication by HPLC-DAD-ESI-MS/MS and Screening for Biological Activities of Byrsonima Species (Malpighiaceae). <i>Phytochemical Analysis</i> , 2018 , 29, 196-204	3.4	22
320	Mass Spectral Similarity Networking and Gas-Phase Fragmentation Reactions in the Structural Analysis of Flavonoid Glycoconjugates. <i>Analytical Chemistry</i> , 2019 , 91, 10413-10423	7.8	22
319	Discovery of the rapanone and suberonone mixture as a motif for leishmanicidal and antifungal applications. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 135-40	3.4	22
318	Meroterpenes isolated from the endophytic fungus Guignardia mangiferae. <i>Phytochemistry Letters</i> , 2012 , 5, 519-523	1.9	22
317	Generation of naphthoquinone radical anions by electrospray ionization: solution, gas-phase, and computational chemistry studies. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 5453-60	2.8	22
316	Biomimetic oxidation of piperine and pipartine catalyzed by iron(III) and manganese(III) porphyrins. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 912-6	2.3	22
315	Identification of biologically active triterpenes and sterols present in hexane extracts from Miconia species using high-resolution gas chromatography. <i>Biomedical Chromatography</i> , 2006 , 20, 827-30	1.7	22
314	Inhibitory Effects of Hydroethanolic Leaf Extracts of Kalanchoe brasiliensis and Kalanchoe pinnata (Crassulaceae) against Local Effects Induced by Bothrops jararaca Snake Venom. <i>PLoS ONE</i> , 2016 , 11, e0168658	3.7	22
313	Inhibition of Breast Cancer Cell Migration by Cyclotides Isolated from Pombalia calceolaria. <i>Journal of Natural Products</i> , 2018 , 81, 1203-1208	4.9	22
312	Antifungal compounds from Streptomyces associated with attine ants also inhibit Leishmania donovani. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007643	4.8	21
311	Dereplication of Flavonoid Glycoconjugates from Adenocalymma imperatoris-maximilianii by Untargeted Tandem Mass Spectrometry-Based Molecular Networking. <i>Planta Medica</i> , 2017 , 83, 636-646 ^{3.1}		21
310	Complexes of platinum and palladium with Ediketones and DMSO: Synthesis, characterization, molecular modeling, and biological studies. <i>Journal of Molecular Structure</i> , 2014 , 1075, 370-376	3.4	21
309	Negative ion 'chip-based' nanospray tandem mass spectrometry for the analysis of flavonoids in glandular trichomes of Lychnophora ericoides Mart. (Asteraceae). <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 3802-8	2.2	21
308	Enantioselective determination of metoprolol acidic metabolite in plasma and urine using liquid chromatography chiral columns: applications to pharmacokinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 783, 433-41	3.2	21
307	Effects of essential fatty acids and N and P-limited algae on the growth rate of tropical cladocerans. <i>Freshwater Biology</i> , 2003 , 48, 759-767	3.1	21
306	BRAZILIAN SPECIES OF VIGUIERA (ASTERACEAE) EXHIBIT LOW LEVELS OF ITS SEQUENCE VARIATION. <i>Edinburgh Journal of Botany</i> , 2000 , 57, 323-332	0.5	21
305	Endophytic Actinobacteria from the Brazilian Medicinal Plant Lychnophora ericoides Mart. and the Biological Potential of Their Secondary Metabolites. <i>Chemistry and Biodiversity</i> , 2016 , 13, 727-36	2.5	21
304	Myclobutanil enantioselective risk assessment in humans through in vitro CYP450 reactions: Metabolism and inhibition studies. <i>Food and Chemical Toxicology</i> , 2019 , 128, 202-211	4.7	20

303	Alkaloids isolated from the leaves of atemoya (<i>Annona cherimola</i> [<i>Annona squamosa</i>]). <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 419-421	2	20
302	Gas-phase reactivity of 2-hydroxy-1,4-naphthoquinones: a computational and mass spectrometry study of lapachol congeners. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1648-59	2.2	20
301	Gas-phase dissociation of 1,4-naphthoquinone derivative anions by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 1224-33	2.2	20
300	Surface plasmon resonance and circular dichroism characterization of cucurbitacins binding to serum albumins for early pharmacokinetic profiling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 122, 166-72	3.5	19
299	Parawixin2, a novel non-selective GABA uptake inhibitor from <i>Parawixia bistriata</i> spider venom, inhibits pentylenetetrazole-induced chemical kindling in rats. <i>Neuroscience Letters</i> , 2013 , 543, 12-6	3.3	19
298	Benzyl benzoate and dibenzyl ether from of benzoic acid and benzyl alcohol under microwave irradiation using a SiO ₂ ·BO ₃ H catalyst. <i>Catalysis Communications</i> , 2015 , 68, 97-100	3.2	19
297	Pyridine alkaloids from <i>Senna multijuga</i> as acetylcholinesterase inhibitors. <i>Journal of Natural Products</i> , 2012 , 75, 408-13	4.9	19
296	Metabolism evaluation of the anticancer candidate AC04 by biomimetic oxidative model and rat liver microsomes. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4245-51	6.8	19
295	Gas-phase fragmentation of gamma-lactone derivatives by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 1733-41	2.2	19
294	Variabilidade sazonal do teor de saponinas de <i>Baccharis trimera</i> (Less.) DC (Carqueja) e isolamento de flavona. <i>Revista Brasileira De Farmacognosia</i> , 2006 , 16, 557-561	2	19
293	Production of an antiproliferative furanoheliangolide by <i>Lychnophora ericoides</i> cell culture. <i>Chemical and Pharmaceutical Bulletin</i> , 2004 , 52, 1433-5	1.9	19
292	Aqueous Leaf Extract of (Pohl) Bail Decreases Local Effects Induced by Bothropic Venom. <i>BioMed Research International</i> , 2016 , 2016, 6101742	3	19
291	Combining in vitro and in silico approaches to evaluate the multifunctional profile of rosmarinic acid from <i>Blechnum brasiliense</i> on targets related to neurodegeneration. <i>Chemico-Biological Interactions</i> , 2016 , 254, 135-45	5	18
290	Synthesis, cytotoxic and antitubercular activities of copper(II) complexes with heterocyclic bases and 3-hydroxypicolinic acid. <i>Inorganica Chimica Acta</i> , 2016 , 446, 87-92	2.7	18
289	Fragmentation studies of synthetic 2-acylamino-1,4-naphthoquinones by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 1219-25	2.2	18
288	A study on the species present in solutions of hypervalent iodine(III) reagents by electrospray ionization mass spectrometry. <i>Tetrahedron Letters</i> , 2005 , 46, 6023-6027	2	18
287	A butanolide from seedlings and micropropagated leaves of <i>Virola surinamensis</i> . <i>Phytochemistry</i> , 1994 , 35, 1469-1470	4	18
286	Evolution of queen cuticular hydrocarbons and worker reproduction in stingless bees. <i>Nature Ecology and Evolution</i> , 2017 , 1,	12.3	17

285	In vitro inhibition of human CYP2D6 by the chiral pesticide fipronil and its metabolite fipronil sulfone: Prediction of pesticide-drug interactions. <i>Toxicology Letters</i> , 2019 , 313, 196-204	4.4	17
284	Antioxidant activity and chemical composition of the non polar fraction of <i>Gracilaria domingensis</i> (Kützinger) Sonder ex Dickie and <i>Gracilaria birdiae</i> (Plastino & Oliveira). <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 724-729	2	17
283	Characterisation of flavonoid aglycones by negative ion chip-based nanospray tandem mass spectrometry. <i>International Journal of Analytical Chemistry</i> , 2012 , 2012, 259217	1.4	17
282	Neuropharmacological profile of FrPbAll, purified from the venom of the social spider <i>Parawixia bistriata</i> (Araneae, Araneidae), in Wistar rats. <i>Life Sciences</i> , 2007 , 80, 566-72	6.8	17
281	Base-Controlled Regioselective Functionalization of Chloro-Substituted Quinolines. <i>Journal of Organic Chemistry</i> , 2018 , 83, 871-880	4.2	17
280	Anti-cancer activity of a new dihydropyridine derivative, VdiE-2N, in head and neck squamous cell carcinoma. <i>European Journal of Pharmacology</i> , 2018 , 819, 198-206	5.3	17
279	<i>Spondias tuberosa</i> inner bark extract exert antidiabetic effects in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2018 , 227, 248-257	5	17
278	Iontophoresis-stimulated silk fibroin films as a peptide delivery system for wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 128, 147-155	5.7	16
277	Mevalonate-derived quinonemethide triterpenoid from in vitro roots of <i>Peritassa laevigata</i> and their localization in root tissue by MALDI imaging. <i>Scientific Reports</i> , 2016 , 6, 22627	4.9	16
276	Nitric oxide and fever: immune-to-brain signaling vs. thermogenesis in chicks. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R896-905	3.2	16
275	Flavanone glycosides from <i>Bidens gardneri</i> Bak. (Asteraceae). <i>Phytochemistry</i> , 2013 , 96, 418-22	4	16
274	In vitro metabolism study of the promising anticancer agent the lignan (-)-grandisin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 72, 240-4	3.5	16
273	<i>Alternaria</i> toxins in South African sunflower seeds: cooperative study. <i>Mycotoxin Research</i> , 2017 , 33, 309-321	4	16
272	A new HPLC-DAD-MS/MS method for the simultaneous determination of major compounds in the crude extract of <i>Lychnophora salicifolia</i> Mart. (Brazilian arnica) leaves: application to chemical variability evaluation. <i>Analytica Chimica Acta</i> , 2012 , 748, 28-36	6.6	16
271	Neurobiological activity of Parawixin 10, a novel anticonvulsant compound isolated from <i>Parawixia bistriata</i> spider venom (Araneidae: Araneae). <i>Epilepsy and Behavior</i> , 2011 , 22, 158-64	3.2	16
270	Star fruit: simultaneous neurotoxic and nephrotoxic effects in people with previously normal renal function. <i>CKJ: Clinical Kidney Journal</i> , 2009 , 2, 485-8	4.5	16
269	Mechanism for the elimination of aromatic molecules from polyenes in tandem mass spectrometry. <i>Chemical Communications</i> , 2006 , 4110-2	5.8	16
268	Composição química e toxicidade frente <i>Aedes aegypti</i> L. e <i>Artemia salina</i> Leach do óleo essencial das folhas de <i>Myrcia sylvatica</i> (G. Mey.) DC.. <i>Revista Brasileira De Plantas Mediciniais</i> , 2016 , 18, 19-26		16

267	Metabolic profile and safety of piperlongumine. <i>Scientific Reports</i> , 2016 , 6, 33646	4.9	16
266	Spondias tuberosa (Anacardiaceae) leaves: profiling phenolic compounds by HPLC-DAD and LC-MS/MS and in vivo anti-inflammatory activity. <i>Biomedical Chromatography</i> , 2016 , 30, 1656-65	1.7	16
265	Intra-clade metabolomic profiling of MAR4 Streptomyces from the Macaronesia Atlantic region reveals a source of anti-biofilm metabolites. <i>Environmental Microbiology</i> , 2019 , 21, 1099-1112	5.2	16
264	Antileishmanial activity of verbascoside: Selective arginase inhibition of intracellular amastigotes of Leishmania (Leishmania) amazonensis with resistance induced by LPS plus IFN- γ <i>Biochemical Pharmacology</i> , 2017 , 127, 28-33	6	15
263	Alternative biodegradation pathway of the herbicide diuron. <i>International Biodeterioration and Biodegradation</i> , 2019 , 143, 104716	4.8	15
262	DMH-CBD, a cannabidiol analog with reduced cytotoxicity, inhibits TNF production by targeting NF- κ B activity dependent on A receptor. <i>Toxicology and Applied Pharmacology</i> , 2019 , 368, 63-71	4.6	15
261	A non-michaelian behavior of the in vitro metabolism of the pentacyclic triterpene alfa and beta amyriins by employing rat liver microsomes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 84, 14-9	3.5	15
260	Butanolides as a common feature of iryanthera lancifolia and virola surinamensis. <i>Phytochemistry</i> , 1998 , 49, 1405-1410	4	15
259	Differential ionisation of natural antioxidant polyenes in electrospray and nanospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 3842-8	2.2	15
258	Total assignment of 1H and 13C NMR data for the sesquiterpene lactone 15-deoxygoyazensolide. <i>Magnetic Resonance in Chemistry</i> , 2004 , 42, 364-7	2.1	15
257	Re-investigation of the fragmentation of protonated carotenoids by electrospray ionization and nanospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 1540-8	2.2	15
256	Friedelin Synthase from Maytenus ilicifolia: Leucine 482 Plays an Essential Role in the Production of the Most Rearranged Pentacyclic Triterpene. <i>Scientific Reports</i> , 2016 , 6, 36858	4.9	15
255	Evaluation of anti-HSV-1 activity and toxicity of hydroethanolic extract of Tanacetum parthenium (L.) Sch.Bip. (Asteraceae). <i>Phytomedicine</i> , 2019 , 55, 249-254	6.5	14
254	A biosynthetic pathway of sesquiterpene lactones in Smallanthus sonchifolius and their localization in leaf tissues by MALDI imaging. <i>Chemical Communications</i> , 2013 , 49, 9989-91	5.8	14
253	Development and validation studies for determination of phenylpropanoid-substituted flavan-3-ols in semipurified extract of Trichilia catigua by high-performance liquid chromatography with photodiode array detection. <i>Journal of Separation Science</i> , 2013 , 36, 1247-54	3.4	14
252	Application of the atoms in molecules theory and computational chemistry in mass spectrometry analysis of 1,4-naphthoquinone derivatives. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 12780-8	2.8	14
251	Dissociation of deprotonated microcystin variants by collision-induced dissociation following electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 1981-92	2.2	14
250	Differential metabolic and biological profiles of Lychnophora ericoides mart. (Asteraceae) from different localities in the Brazilian "campos rupestres". <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 750-759	1.5	14

249	The biological activity in mammals and insects of the nucleosidic fraction from the spider <i>Parawixia bistriata</i> . <i>Toxicon</i> , 2004 , 43, 375-83	2.8	14
248	Quantitative HPLC analysis of sesquiterpene lactones and determination of chemotypes in <i>Eremanthus seidelii</i> MacLeish & Schumacher (Asteraceae). <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 1396-1401	1.5	14
247	A Fragmentation study of di-acidic mycosporine-like amino acids in electrospray and nanospray mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1625-1631	1.5	14
246	Electrospray ionization tandem mass spectrometry analysis of isopimarane diterpenes from Velloziaceae. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 61-8	2.2	14
245	A systematic investigation of the fragmentation pattern of two furanoheliangolide C-8 stereoisomers using electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014 , 28, 723-30	2.2	13
244	Systematic UPLC-ESI-MS/MS study on the occurrence of staurosporine and derivatives in associated marine microorganisms from <i>Eudistoma vannamei</i> . <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 335-343	1.5	13
243	Permeability profile estimation of flavonoids and other phenolic compounds by biopartitioning micellar capillary chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 8372-9	5.7	13
242	Detailed ¹ H and ¹³ C NMR structural assignment and relative stereochemistry determination for three closely related sesquiterpene lactones. <i>Magnetic Resonance in Chemistry</i> , 2008 , 46, 576-81	2.1	13
241	A anticonvulsive fraction from <i>Scaptocosa raptoria</i> (Araneae: Lycosidae) spider venom. <i>Neuroscience Letters</i> , 2004 , 371, 171-5	3.3	13
240	In vitro anti-Trypanosoma cruzi activity of ternary copper(II) complexes and in vivo evaluation of the most promising complex. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 157-166	7.5	13
239	<i>Paenibacillus polymyxa</i> Associated with the Stingless Bee <i>Melipona scutellaris</i> Produces Antimicrobial Compounds against Entomopathogens. <i>Journal of Chemical Ecology</i> , 2018 , 44, 1158-1169	2.7	13
238	Colony membership is reflected by variations in cuticular hydrocarbon profile in a Neotropical paper wasp, <i>Polistes satan</i> (Hymenoptera, Vespidae). <i>Genetics and Molecular Research</i> , 2007 , 6, 390-6	1.2	13
237	Lapachol, a compound targeting pyrimidine metabolism, ameliorates experimental autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2017 , 19, 47	5.7	12
236	Exploring integument transcriptomes, cuticle ultrastructure, and cuticular hydrocarbons profiles in eusocial and solitary bee species displaying heterochronic adult cuticle maturation. <i>PLoS ONE</i> , 2019 , 14, e0213796	3.7	12
235	Chemical profiling of two congeneric sea mat corals along the Brazilian coast: adaptive and functional patterns. <i>Chemical Communications</i> , 2018 , 54, 1952-1955	5.8	12
234	7,7-Dimethylaporphine and Other Alkaloids from the Bark of <i>Guatteria friesiana</i> . <i>Journal of Natural Products</i> , 2016 , 79, 1524-31	4.9	12
233	Caatinga plants: Natural and semi-synthetic compounds potentially active against <i>Trichomonas vaginalis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 2229-36	2.9	12
232	In vitro metabolism of monensin A: microbial and human liver microsomes models. <i>Xenobiotica</i> , 2014 , 44, 326-35	2	12

231	The Influence of Biotic and Abiotic Factors on the Production of Secondary Metabolites in Medicinal Plants 2012 , 419-452		12
230	In vitro study of antioxidant and scavenger properties of phenolic compounds from <i>Lychnophora</i> species. <i>Quimica Nova</i> , 2010 , 33, 867-870	1.6	12
229	In vitro metabolism of grandisin, a lignan with anti-chagasic activity. <i>Planta Medica</i> , 2012 , 78, 1939-41	3.1	12
228	Liquid chromatography-tandem mass spectrometric method for determination of the anti-inflammatory compound vicenin-2 in the leaves of <i>L. ericoides</i> Mart. <i>Biomedical Chromatography</i> , 2007 , 21, 925-30	1.7	12
227	Dereplication of Natural Products Using GC-TOF Mass Spectrometry: Improved Metabolite Identification by Spectral Deconvolution Ratio Analysis. <i>Frontiers in Molecular Biosciences</i> , 2016 , 3, 59	5.6	12
226	Characterisation of the in vivo interactions between detomidine and methadone in horses: Pharmacokinetic and pharmacodynamic modelling. <i>Equine Veterinary Journal</i> , 2019 , 51, 517-529	2.4	12
225	Direct Analyses of Secondary Metabolites by Mass Spectrometry Imaging (MSI) from Sunflower (<i>Helianthus annuus</i> L.) Trichomes. <i>Molecules</i> , 2017 , 22,	4.8	11
224	Characterization of intestinal absorption of C-glycoside flavonoid vicenin-2 from <i>Lychnophora ericoides</i> leaves in rats by nonlinear mixed effects modeling. <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 212-218	2	11
223	Chemical constituents from red algae <i>Bostrychia radicans</i> (Rhodomelaceae): new amides and phenolic compounds. <i>Quimica Nova</i> , 2012 , 35, 2186-2188	1.6	11
222	Selectivity in reduction of natural furanoheliangolides with Stryker's reagent. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6148-53	3.9	11
221	Fotoprotetores derivados de produtos naturais: perspectivas de mercado e interações entre o setor produtivo e centros de pesquisa. <i>Quimica Nova</i> , 2009 , 32, 717-721	1.6	11
220	Dereplication of Bromotyrosine-derived Metabolites by LC-PDA-MS and Analysis of the Chemical Profile of 14 <i>Aplysina</i> Sponge Specimens from the Brazilian Coastline. <i>Australian Journal of Chemistry</i> , 2010 , 63, 886	1.2	11
219	Electrospray MS-based characterization of beta-carbolines--mutagenic constituents of thermally processed meat. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 433-9	5.9	11
218	HPLC-ESI-MS/MS analysis of oxidized di-caffeoylquinic acids generated by metalloporphyrin-catalyzed reactions. <i>Quimica Nova</i> , 2008 , 31, 767-770	1.6	11
217	Comparative analysis of the gas-phase reactions of cylindrospermopsin and the difference in the alkali metal cation mobility. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 2015-20	2.2	11
216	Differences in secondary metabolites from leaf extracts of <i>Mikania glomerata</i> Sprengel obtained by micropropagation and cuttings. <i>Revista Brasileira De Farmacognosia</i> , 2006 , 16, 596-598	2	11
215	Evidence for gas-phase redox chemistry inducing novel fragmentation in a complex natural product. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 358-63	3.9	11
214	Metabolomic Fingerprinting of From Atlantic Oceanic Islands. <i>Frontiers in Microbiology</i> , 2018 , 9, 3021	5.7	11

213	Development of a method to quantify clindamycin in vitreous humor of rabbits' eyes by UPLC-MS/MS: application to a comparative pharmacokinetic study and in vivo ocular biocompatibility evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 346-52	3.5	10
212	In vitro metabolism studies of erythraline, the major spiroalkaloid from <i>Erythrina verna</i> . <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 61	4.7	10
211	The relationship between leaf nitrogen, nitrogen metabolites and herbivory in two species of Nyctaginaceae from the Brazilian Cerrado. <i>Environmental and Experimental Botany</i> , 2012 , 75, 268-276	5.9	10
210	Chemical Composition of Essential Oils from <i>Croton conduplicatus</i> (Euphorbiaceae) in Two Different Seasons. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014 , 17, 1137-1145	1.7	10
209	Cytotoxic lipidic amino acids from the zoanthid <i>Protopalpythoa variabilis</i> from the Northeastern coast of Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1455-1459	1.5	10
208	Neuropharmacological effects in mice of <i>Lychnophora</i> species (Vernonieae, Asteraceae) and anticonvulsant activity of 4,5-di-O-[E]-caffeoylquinic acid isolated from the stem of <i>L. rupestris</i> and <i>L. staavioides</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 102, 281-6	3.1	10
207	Letter: radical ion and protonated molecule formation with retinal in electrospray and nanospray. <i>European Journal of Mass Spectrometry</i> , 2006 , 12, 71-4	1.1	10
206	Molecular basis of carrageenan-induced cytokines production in macrophages. <i>Cell Communication and Signaling</i> , 2020 , 18, 141	7.5	10
205	Leishmanicidal Effects of Piperlongumine (Piplartine) and Its Putative Metabolites. <i>Planta Medica</i> , 2018 , 84, 1141-1148	3.1	10
204	Cleavage of Peptides from Amphibian Skin Revealed by Combining Analysis of Gland Secretion and in Situ MALDI Imaging Mass Spectrometry. <i>ACS Omega</i> , 2018 , 3, 5426-5434	3.9	10
203	The role of tannins as antiulcer agents: a fluorescence-imaging based study. <i>Revista Brasileira De Farmacognosia</i> , 2018 , 28, 425-432	2	10
202	Inactivation of Lapachone Cytotoxicity by Filamentous Fungi that Mimic the Human Blood Metabolism. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017 , 42, 213-220	2.7	9
201	Acid diterpenes from <i>Copaiba oleoresin</i> (<i>Copaifera langsdorffii</i>): Chemical and plasma stability and intestinal permeability using Caco-2 cells. <i>Journal of Ethnopharmacology</i> , 2019 , 235, 183-189	5	9
200	Chemical compounds isolated from <i>Talinum triangulare</i> (Portulacaceae). <i>Food Chemistry</i> , 2014 , 160, 204-215	3.5	9
199	Biological activities and phytochemical profile of <i>Passiflora mucronata</i> from the Brazilian restinga. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 702-710	2	9
198	MALDI-MS of flavonoids: a systematic investigation of ionization and in-source dissociation mechanisms. <i>Journal of Mass Spectrometry</i> , 2015 , 50, 182-90	2.2	9
197	Post-column sodiation to enhance the detection of polyacetylene glycosides in LC-DAD-MS analyses: an example from <i>Bidens gardneri</i> (Asteraceae). <i>Talanta</i> , 2015 , 135, 87-93	6.2	9
196	Application of MALDI-MS analysis of Rainforest chemodiversity: a keystone for biodiversity conservation and sustainable use. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1482-5	2.2	9

195	Sensitive method for determination of pipartine, an alkaloid amide from Piper species, in rat plasma samples by liquid chromatography-tandem mass spectrometry. <i>Quimica Nova</i> , 2012 , 35, 460-465	1.6	9
194	Gas-phase reactivity of protonated 2-oxazoline derivatives: mass spectrometry and computational studies. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 1061-9	2.2	9
193	Analysis of insect cuticular compounds by non-lethal solid phase micro extraction with styrene-divinylbenzene copolymers. <i>Journal of Chemical Ecology</i> , 2012 , 38, 418-26	2.7	9
192	Contribution for the phytochemical studies of Ageratum fastigiatum. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 936-942	2	9
191	Application of high-resolution electrospray mass spectrometry for the elucidation of the disproportionation reaction of iodobenzene diacetate. <i>International Journal of Mass Spectrometry</i> , 2008 , 276, 24-30	1.9	9
190	Phytochemical study of Lychnophora markgravii (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2002 , 30, 609-612	1.4	9
189	Sesquiterpene lactones from Minasia alpestris. <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 677-680	1.5	9
188	Antimicrobial activity of Aegiphila sellowiana Cham., Lamiaceae, against oral pathogens. <i>Revista Brasileira De Farmacognosia</i> , 2010 , 20, 246-249	2	9
187	In Vitro Inhibition of Human CYP450s 1A2, 2C9, 3A4/5, 2D6 and 2E1 by Grandisin. <i>Planta Medica</i> , 2017 , 83, 727-736	3.1	8
186	Evaluation of the Intestinal Absorption Mechanism of Casearin X in Caco-2 Cells with Modified Carboxylesterase Activity. <i>Journal of Natural Products</i> , 2016 , 79, 1084-90	4.9	8
185	Dimeric chalcones derivatives from Myracrodruon urundeuva act as cathepsin V inhibitors. <i>Phytochemistry</i> , 2018 , 154, 31-38	4	8
184	Effect of fertilisation and harvest period on polar metabolites of Calendula officinalis. <i>Revista Brasileira De Farmacognosia</i> , 2013 , 23, 731-735	2	8
183	Antinociceptive Effect of the Essential Oil from Croton conduplicatus Kunth (Euphorbiaceae). <i>Molecules</i> , 2017 , 22,	4.8	8
182	First serine protease inhibitor isolated from Rhinella schneideri poison. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015 , 21, 30	2.2	8
181	Complete ¹ H and ¹³ C NMR structural assignments for a group of four goyazensolide-type furanoheliangolides. <i>Quimica Nova</i> , 2012 , 35, 2205-2209	1.6	8
180	Novel bisabolane derivative from "arnica-da-serra" (Vernonieae: Asteraceae) reduces pro-nociceptive cytokines levels in LPS-stimulated rat macrophages. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 993-8	5	8
179	Electronic structure and gas-phase chemistry of protonated β and β quinonoid compounds: a mass spectrometry and computational study. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 816-24	2.2	8
178	Genotoxicity of 15-deoxygoyazensolide in bacteria and yeast. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007 , 631, 16-25	3	8

177	Sodium monensin dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m1050-m10528		
176	Red pepper peptide coatings control <i>Staphylococcus epidermidis</i> adhesion and biofilm formation. <i>International Journal of Pharmaceutics</i> , 2020 , 574, 118872	6.5	8
175	Multiple origins of green coloration in frogs mediated by a novel biliverdin-binding serpin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 18574-18581	11.5	8
174	Influence of season, drying temperature and extraction time on the yield and chemical composition of <i>ãtharameleiroã(Croton sonderianus)</i> essential oil. <i>Journal of Essential Oil Research</i> , 2017 , 29, 76-84	2.3	7
173	Antibacterial activity of <i>Limonium brasiliense</i> (Baicuru) against multidrug-resistant bacteria using a statistical mixture design. <i>Journal of Ethnopharmacology</i> , 2017 , 198, 313-323	5	7
172	Apigenin-7-O-glucoside oxidation catalyzed by P450-bioinspired systems. <i>Journal of Inorganic Biochemistry</i> , 2017 , 170, 117-124	4.2	7
171	Development and validation of a quantification method for cucurbitacins E and I in rat plasma: Application to population pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 99-105	3.5	7
170	Picraviane A and B: Nortriterpenes with limonoid-like skeletons containing a heptanolide E-ring system from <i>Picramnia glazioviana</i> . <i>Phytochemistry</i> , 2019 , 163, 38-45	4	7
169	Pharmacokinetic evaluation of avicularin using a model-based development approach. <i>Planta Medica</i> , 2015 , 81, 373-81	3.1	7
168	Simultaneous Characterization of Intravenous and Oral Pharmacokinetics of Lychnopholide in Rats by Transit Compartment Model. <i>Planta Medica</i> , 2015 , 81, 1121-7	3.1	7
167	Trichomonocidal and parasite membrane damaging activity of bidesmosic saponins from <i>Manilkara rufula</i> . <i>PLoS ONE</i> , 2017 , 12, e0188531	3.7	7
166	Cathepsin D immobilized capillary reactors for on-flow screening assays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 252-259	3.5	7
165	A non-lethal SPME method for insect cuticular analysis by GC-MS. <i>Analytical Methods</i> , 2014 , 6, 8823-8828	3.2	7
164	Fragmentation pathway and structural characterization of new glycosylated phenolic derivatives from <i>Eremanthus glomerulatus</i> Less (Asteraceae) by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 783-787	2.2	7
163	A Simple Defined Medium for the Production of True Diketopiperazines in <i>Xylella fastidiosa</i> and Their Identification by Ultra-Fast Liquid Chromatography-Electrospray Ionization Ion Trap Mass Spectrometry. <i>Molecules</i> , 2017 , 22,	4.8	7
162	Quantification of Chemical Marker of <i>Kalanchoe brasiliensis</i> (Crassulaceae) Leaves by HPLCãDAD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015 , 38, 795-800	1.3	7
161	A metabolomic protocol for plant systematics by matrix-assisted laser-desorption/ionization time-of flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2015 , 859, 46-58	6.6	7
160	In vitro metabolism of the lignan (-)-grandisin, an anticancer drug candidate, by human liver microsomes. <i>Drug Testing and Analysis</i> , 2015 , 7, 780-6	3.5	7

159	The protective role of <i>Lychnophora ericoides</i> Mart. (Brazilian arnica) in 1,2-dimethylhydrazine-induced experimental colon carcinogenesis. <i>Nutrition and Cancer</i> , 2011 , 63, 593-9 ^{2.8}	7
158	Effects of Caffeoylquinic Acid Derivatives and C-Flavonoid from <i>Lychnophora ericoides</i> on in vitro Inflammatory Mediator Production. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9 7
157	Glycosides, caffeoylquinic acids and flavonoids from the polar extract of leaves of <i>Lychnophora ericoides</i> Mart. (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2008 , 36, 473-475	1.4 7
156	Ion fluxes and hematological parameters of two teleosts from the Rio Negro, Amazon, exposed to hypoxia. <i>Brazilian Journal of Biology</i> , 2008 , 68, 571-5	1.5 7
155	The effect of ruthenium(III) chloride on the formation of protonated parent ions in electrospray mass spectrometry. <i>Chemical Communications</i> , 2003 , 2732-3	5.8 7
154	Novel gas-phase ion-molecule aromatic nucleophilic substitution in beta-carbolines. <i>Chemical Communications</i> , 2003 , 72-3	5.8 7
153	Method Indicative of Stability for the Determination of Rifaximin and Its Degradation Products by Thin Chromatographic. <i>Current Pharmaceutical Analysis</i> , 2017 , 13,	0.6 7
152	Synthesis of trypanocidal tetrahydrofuran lignans. <i>Arkivoc</i> , 2004 , 2004, 112-126	0.9 7
151	Rhodnius spp. are differentiated based on the peptide/protein profile by matrix-assisted laser desorption/ionization mass spectrometry and chemometric tools. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1431-1439	4.4 7
150	A leukotriene-dependent spleen-liver axis drives TNF production in systemic inflammation. <i>Science Signaling</i> , 2021 , 14,	8.8 7
149	Pharmacokinetic properties, in vitro metabolism and plasma protein binding of govaniadine an alkaloid isolated from <i>Corydalis govaniensis</i> Wall. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 131, 464-472	3.5 7
148	Marine Bacteria from Rocas Atoll as a Rich Source of Pharmacologically Active Compounds. <i>Marine Drugs</i> , 2019 , 17,	6 7
147	Cinnamic acids derived compounds with antileishmanial activity target <i>Leishmania amazonensis</i> arginase. <i>Chemical Biology and Drug Design</i> , 2019 , 93, 139-146	2.9 7
146	New Perspectives on Chlorogenic Acid Accumulation in Harvested Leaf Tissue: Impact on Traditional Medicine Preparations. <i>ACS Omega</i> , 2018 , 3, 18380-18386	3.9 7
145	Gas-phase fragmentation of protonated piplartine and its fungal metabolites using tandem mass spectrometry and computational chemistry. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 517-525	2.2 6
144	Amphidinolide P from the Brazilian octocoral <i>Stragulum bicolor</i> . <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 600-604	2 6
143	Fragmentation pattern of amides by EI and HRESI: study of protonation sites using DFT-3LYP data.. <i>RSC Advances</i> , 2018 , 8, 21407-21413	3.7 6
142	Biomimetic oxidation studies of monensin A catalyzed by metalloporphyrins: Identification of hydroxyl derivative product by electrospray tandem mass spectrometry. <i>Revista Brasileira De Farmacognosia</i> , 2013 , 23, 621-629	2 6

141	Gas-phase dissociation study of erythrinian alkaloids by electrospray ionization mass spectrometry and computational methods. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 571-579	2.2	6
140	Jacobsen catalyst as a cytochrome P450 biomimetic model for the metabolism of monensin A. <i>BioMed Research International</i> , 2014 , 2014, 152102	3	6
139	Novel sesquiterpene lactones from <i>Eremanthus seidelii</i> . <i>Tetrahedron Letters</i> , 2012 , 53, 6339-6342	2	6
138	Megastigmanes from <i>Aleurites moluccana</i> (L.) Willd. (Euphorbiaceae). <i>Biochemical Systematics and Ecology</i> , 2012 , 40, 34-37	1.4	6
137	Rapid Screening and Identification of Polar Constituents from Brazilian <i>Arnica Lychnophora</i> sp. by LC-UV/DAD-ESI-MS and LC-UV/DAD-ESI-MS/MS Analysis. <i>Chromatographia</i> , 2009 , 69, 157-165	2.1	6
136	Sesquiterpene lactones and flavonoids from <i>Lychnophora reticulata</i> Gardn. (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2008 , 36, 434-436	1.4	6
135	Metabolomic study of marine <i>Streptomyces</i> sp.: Secondary metabolites and the production of potential anticancer compounds. <i>PLoS ONE</i> , 2020 , 15, e0244385	3.7	6
134	Tenofovir Disoproxil Fumarate: New Chemical Developments and Encouraging in vitro Biological Results for SARS-CoV-2. <i>Journal of the Brazilian Chemical Society</i> ,	1.5	6
133	Feeding behavior of <i>Brevicoryne brassicae</i> in resistant and susceptible collard greens genotypes: interactions among morphological and chemical factors. <i>Entomologia Experimentalis Et Applicata</i> , 2020 , 168, 228-239	2.1	6
132	Antitumor activity of two derivatives from 2-acylamine-1, 4-naphthoquinone in mice bearing S180 tumor. <i>Journal of Experimental Therapeutics and Oncology</i> , 2008 , 7, 113-21	0.8	6
131	Sesquiterpenes lactones and flavonoids from <i>Eremanthus argenteus</i> (Asteraceae). <i>Natural Product Communications</i> , 2010 , 5, 681-4	0.9	6
130	New cascarosides from <i>Rhamnus purshiana</i> and fragmentation studies of the class by ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1169-1174	2.2	5
129	The Caatinga endemic <i>Manilkara rufula</i> possesses remarkable activity against <i>Trichomonas vaginalis</i> and <i>Tritrichomonas foetus</i> . <i>Experimental Parasitology</i> , 2017 , 173, 18-28	2.1	5
128	Natural Products Diversity in Plant-Insect Interaction between (Asteraceae) and (Nymphalidae). <i>Molecules</i> , 2019 , 24,	4.8	5
127	Risk assessment of the chiral pesticide fenamiphos in a human model: Cytochrome P450 phenotyping and inhibition studies. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111826	4.7	5
126	Involvement of Isoorientin in the Antidepressant Bioactivity of a Flavonoid-Rich Extract from <i>Passiflora edulis</i> f. <i>flavicarpa</i> Leaves. <i>Revista Brasileira De Farmacognosia</i> , 2020 , 30, 240-250	2	5
125	Use of GC/MS to identify chemical constituents and cytotoxic activity of the leaves of <i>Phoradendron mucronatum</i> and <i>Phoradendron microphyllum</i> (Viscaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 991-1001	1.4	5
124	Crystal structure of two new polymeric copper(II) complexes active against <i>Trypanosoma cruzi</i> . <i>Journal of Saudi Chemical Society</i> , 2018 , 22, 809-815	4.3	5

123	Revisiting empirical rules for the determination of the absolute configuration of cascarosides and other (ox-)anthrones. <i>Chirality</i> , 2018 , 30, 432-438	2.1	5
122	Evaluation of intestinal permeability of vicenin-2 and lychnopholic acid from <i>Lychnophora salicifolia</i> (Brazilian arnica) using Caco-2 cells. <i>Journal of Natural Products</i> , 2014 , 77, 464-71	4.9	5
121	Disease Modifying Effects of the Spider Toxin Parawixin2 in the Experimental Epilepsy Model. <i>Toxins</i> , 2017 , 9,	4.9	5
120	Aplicação de espectrometria de massas com ionização por elétron na análise de alcalóides do mulungu. <i>Química Nova</i> , 2012 , 35, 2177-2180	1.6	5
119	Task-Related Variation of Cuticular Hydrocarbon Profiles Affect Nestmate Recognition in the Giant ant <i>Dinoponera quadriceps</i> . <i>Journal of Insect Behavior</i> , 2013 , 26, 212-222	1.1	5
118	Sesquiterpenes Lactones and Flavonoids from <i>Eremanthus argenteus</i> (Asteraceae). <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	5
117	LC-ESI-MS determination of quassinoids isobrucein B and neosergeolide in <i>Picrolemma sprucei</i> stem infusions. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1065-1070	1.5	5
116	Apolar compounds in seaweeds from fernando de noronha archipelago (northeastern coast of Brazil). <i>International Journal of Analytical Chemistry</i> , 2012 , 2012, 431954	1.4	5
115	Sample optimization for rapid identification of nucleosides and bases from ascidian extracts using ESI-MS/MS. <i>Journal of the Brazilian Chemical Society</i> , 2007 , 18, 1054-1060	1.5	5
114	A new high-performance liquid chromatography assay for the determination of sesquiterpene lactone 15-deoxygoyazensolide in rat plasma. <i>Analytica Chimica Acta</i> , 2007 , 601, 212-7	6.6	5
113	LC-MS-MS identification of drug metabolites obtained by metalloporphyrin mediated oxidation. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 322-328	1.5	5
112	New butenolides in plantlets of <i>Virola surinamensis</i> (Myristicaceae). <i>Chemical and Pharmaceutical Bulletin</i> , 2004 , 52, 1255-7	1.9	5
111	Ruthenium(II) Complexes Containing Anti-Inflammatory Drugs as Ligands: Synthesis, Characterization and in vitro Cytotoxicity Activities on Cancer Cell Lines. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	5
110	Determination of phenolic compounds, antioxidant activity and characterization of secondary metabolites in different parts of by HPLC-DAD-MS/MS analysis. <i>Natural Product Research</i> , 2020 , 34, 995-1001	7.3	5
109	Isolation of Chavibetol and Methyl Eugenol from Essential Oil of by High Performance Liquid Chromatography. <i>Molecules</i> , 2018 , 23,	4.8	5
108	Isolation and Identification of the Five Novel Flavonoids from <i>Genipa americana</i> Leaves. <i>Molecules</i> , 2018 , 23,	4.8	5
107	Understanding the fragmentation mechanisms of methoxy-, mesyl-, and tosyl-lapachol derivatives by computational chemistry and mass spectrometry analysis. <i>International Journal of Mass Spectrometry</i> , 2017 , 418, 92-100	1.9	4
106	Precursor Ion Scan Mode-Based Strategy for Fast Screening of Polyether Ionophores by Copper-Induced Gas-Phase Radical Fragmentation Reactions. <i>Analytical Chemistry</i> , 2017 , 89, 3929-3936	7.8	4

105	Spatial and Temporal Variations in Secondary Metabolites Content of the Brazilian Arnica Leaves (<i>Lychnophora ericoides</i> Mart., Asteraceae). <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	4
104	A possible solution to model nonlinearity in elimination and distributional clearances with β -adrenergic receptor agonists: Example of the intravenous detomidine and methadone combination in sedated horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019 , 42, 738-744	1.4	4
103	Stability-indicating thin-layer chromatographic method for determination of darunavir in complex darunavir- β -cyclodextrin in the presence of its degradation products. <i>Analytical Methods</i> , 2014 , 6, 3689-3693	2.3	4
102	Antimicrobial activity of <i>Aspilia latissima</i> (Asteraceae). <i>Brazilian Journal of Microbiology</i> , 2015 , 46, 1103-1102	1.0	4
101	Towards new botanical pesticides: the toxic effect of <i>Eremanthus goyazensis</i> (Asteraceae) leaves essential oil against <i>Brevipalpus phoenicis</i> (Acari: Tenuipalpidae). <i>Quimica Nova</i> , 2012 , 35, 2254-2257	1.6	4
100	Estudo por espectrometria de massas de soluções de hidr β -(tosil β)iodobenzeno: propostas para mecanismos de despropor β . <i>Quimica Nova</i> , 2012 , 35, 1593-1599	1.6	4
99	Antiproliferative activity of <i>Eremanthus crotonoides</i> extracts and centratherin demonstrated in brain tumor cell lines. <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 1295-1300	2	4
98	New ceramides from <i>acnistus arborescens</i> . <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 867-871	1.5	4
97	Concentration of Inorganic Elements Content in Benthic Seaweeds of Fernando de Noronha Archipelago by Synchrotron Radiation Total Reflection X-Ray Fluorescence Analysis (SRTXRF). <i>International Journal of Analytical Chemistry</i> , 2012 , 2012, 407274	1.4	4
96	Spruceanumines A and B, novel plumeran indole alkaloids from <i>Aspidosperma spruceanum</i> (Apocynaceae). <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 753-759	1.5	4
95	Influence of biochemical, mineral and morphological features of natural food on tropical cladocerans. <i>Aquatic Ecology</i> , 2007 , 41, 557-568	1.9	4
94	Triterpenoids and flavonoids from <i>Lychnophoriopsis candelabrum</i> (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2004 , 32, 509-512	1.4	4
93	Nomenclaturas de espectrometria de massas em língua portuguesa. <i>Quimica Nova</i> , 2011 , 34, 1875-1887	1.6	4
92	METABOL β MICA DE PLANTAS: M β ODOS E DESAFIOS. <i>Quimica Nova</i> ,	1.6	4
91	Reference data based insights expand understanding of human metabolomes		4
90	A new approach for identifying antagonism among fungi species and antifungal activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 179, 112960	3.5	4
89	Acetaminophen Prodrug: Microwave-Assisted Synthesis and in vitro Metabolism Evaluation by Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	4
88	Characterization of aporphine alkaloids by electrospray ionization tandem mass spectrometry and density functional theory calculations. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34 Suppl 3, e8533	2.2	4

87	Identification of flavonoids in Hayne (Fabaceae) by HPLC-DAD-MS analysis. <i>Natural Product Research</i> , 2021 , 35, 2414-2419	2.3	4
86	A Cyclotide Isolated from Noisettia orchidiflora (Violaceae). <i>Planta Medica</i> , 2018 , 84, 947-952	3.1	4
85	A soluble recombinant form of human leucocyte antigen-G 6 (srHLA-G6). <i>Biochemical and Biophysical Research Communications</i> , 2017 , 487, 28-33	3.4	3
84	Sequesterpene Lactones Isolated from a Brazilian Cerrado Plant (spp. as Anti-Proliferative Compounds, Characterized by Functional and Proteomic Analysis, are Candidates for New Therapeutics in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
83	Phytochemical Study of Tapirira guianensis Leaves Guided by Vasodilatory and Antioxidant Activities. <i>Molecules</i> , 2017 , 22,	4.8	3
82	Non-polar and polar chemical profiling of six Casearia species (Salicaceae). <i>Biochemical Systematics and Ecology</i> , 2019 , 87, 103954	1.4	3
81	Aflatoxins produced by Aspergillus nomius ASR3, a pathogen isolated from the leaf-cutter ant Atta sexdens rubropilosa. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 529-532	2	3
80	Pyrimidine alkaloids from Eudistoma vannamei. <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 698-700	2	3
79	Application of the Negishi Reaction in the Synthesis of Thiophene-Based Lignans Analogues with Leishmanicidal Effects. <i>Journal of the Brazilian Chemical Society</i> , 2014 ,	1.5	3
78	H2 unimolecular elimination in electrospray ionization mass spectrometry from erythraline, a spirocyclic alkaloid. <i>European Journal of Mass Spectrometry</i> , 2013 , 19, 345-50	1.1	3
77	LC-MS-MS Identification and Determination of the Flavone-C-Glucoside Vicenin-2 in Rat Plasma Samples Following Intraperitoneal Administration of Lychnophora Extract. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	3
76	Uptake of Seeds Secondary Metabolites by Virola surinamensis Seedlings. <i>International Journal of Analytical Chemistry</i> , 2012 , 2012, 721494	1.4	3
75	Pre-clinical pharmacokinetics of the acridine antitumour candidate AC04 and its 1-oxo-metabolite plasma profile. <i>Xenobiotica</i> , 2012 , 42, 701-7	2	3
74	Star fruit 2008 , 901-912		3
73	Constituintes qunicos da ascdia didemnum psammatodes (sluiter, 1895) coletada na costa cearense. <i>Quimica Nova</i> , 2007 , 30, 1179-1181	1.6	3
72	Constituintes qunicos de Almeidea coerulea (Nees & Mart.) A. St.-Hil. Rutaceae. <i>Revista Brasileira De Farmacognosia</i> , 2006 , 16, 164-169	2	3
71	Influence of the alkali metal cation on the fragmentation of monensin in ESI-MS/MS. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2006 , 42, 363		3
70	Chemical Constituents of Psychotria nemorosa Gardner and Antinociceptive Activity. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	3

69	Development and validation of a UHPLC-MS/MS bioanalytical method to quantify in plasma the analgesic candidate PT-31 following a preliminary pharmacokinetic study in rats. <i>Biomedical Chromatography</i> , 2016 , 30, 852-6	1.7	3
68	Taraxerol 4-Methoxybenzoate, an in vitro Inhibitor of Photosynthesis Isolated from Pavonia multiflora A. St-Hil. (Malvaceae). <i>Chemistry and Biodiversity</i> , 2016 , 13, 284-292	2.5	3
67	In Vitro Metabolism Evaluation of the Ergot Alkaloid Dihydroergotamine: Application of Microsomal and Biomimetic Oxidative Model. <i>Planta Medica</i> , 2016 , 82, 1368-1373	3.1	3
66	Validation of analytical procedures using HPLC-ELSD to determine six sesquiterpene lactones in Eremanthus species. <i>Biomedical Chromatography</i> , 2016 , 30, 484-93	1.7	3
65	Anticancer Potential of Compounds from the Brazilian Blue Amazon. <i>Planta Medica</i> , 2021 , 87, 49-70	3.1	3
64	Associating chitosan and microemulsion as a topical vehicle for the administration of herbal medicines. <i>Carbohydrate Polymers</i> , 2021 , 255, 117482	10.3	3
63	Parawixin2 Protects Hippocampal Cells in Experimental Temporal Lobe Epilepsy. <i>Toxins</i> , 2018 , 10,	4.9	3
62	The Hydroalcoholic Extract of Leaves of Mandevilla moricandiana Induces NO-Mediated Vascular Relaxation. <i>Planta Medica</i> , 2017 , 83, 63-69	3.1	2
61	Chemical analysis of Brasilimeria Stach, 1949 (Hexapoda, Collembola, Neanuridae) hemolymphatic secretion, and description of a new species. <i>PLoS ONE</i> , 2019 , 14, e0212451	3.7	2
60	Mycotoxins from Fusarium proliferatum: new inhibitors of papain-like cysteine proteases. <i>Brazilian Journal of Microbiology</i> , 2020 , 51, 1169-1175	2.2	2
59	Fragmentation study of clerodane diterpenes from Casearia species by tandem mass spectrometry (quadrupole time-of-flight and ion trap). <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34 Suppl 3, e8781	2.2	2
58	Prediction of seriniquinone-drug interactions by in vitro inhibition of human cytochrome P450 enzymes. <i>Toxicology in Vitro</i> , 2020 , 65, 104820	3.6	2
57	Targeting the Oncogenic TBX2 Transcription Factor With Chromomycins. <i>Frontiers in Chemistry</i> , 2020 , 8, 110	5	2
56	In vitro metabolism studies of natural products are crucial in the early development of medicines. <i>Phytochemistry Reviews</i> , 2017 , 16, 355-373	7.7	2
55	Microsomal metabolism of erythraline: an anxiolytic spiroalkaloid. <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 529-532	2	2
54	Chemical Composition of the Essential Oil of Vernonia crotonoides. <i>Chemistry of Natural Compounds</i> , 2013 , 49, 761-762	0.7	2
53	Biosynthesis of tetrahydrofuran lignans in Virola surinamensis. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2004 , 40, 53-57		2
52	Molecular basis of a bacterial-amphibian symbiosis revealed by comparative genomics, modeling, and functional testing. <i>ISME Journal</i> , 2021 ,	11.9	2

51	Engineering of galectin-3 for glycan-binding optical imaging. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 674-680	3.4	2
50	Characterization of 3-aminospirostane alkaloids from roots of <i>Solanum paniculatum</i> L. with hepatoprotective activity. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34 Suppl 3, e8705	2.2	2
49	Licarin A as a Novel Drug for Inflammatory Eye Diseases. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021 , 37, 290-300	2.6	2
48	Copaiba Oil and Its Constituent Copalic Acid as Chemotherapeutic Agents against Dermatophytes. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	2
47	Rapid and efficient method for the quantification of lychnopholide in rat plasma by liquid chromatography-tandem mass spectrometry for pharmacokinetic application. <i>Biomedical Chromatography</i> , 2016 , 30, 1092-1096	1.7	2
46	Characterization of Casearin X Metabolism by Rat and Human Liver Microsomes. <i>Planta Medica</i> , 2019 , 85, 282-291	3.1	2
45	Dextrorotatory Chromomycins from the Marine <i>Streptomyces</i> sp. Associated to <i>Palythoa caribaeorum</i> . <i>Journal of the Brazilian Chemical Society</i> , 2020 ,	1.5	2
44	The Alkaloid-Enriched Fraction of (Buxaceae) Shows Prominent Activity against. <i>Molecules</i> , 2021 , 26,	4.8	2
43	Ketalization of Ketones to 1,3-Dioxolanes and Concurring Self-Aldolization Catalyzed by an Amorphous, Hydrophilic SiO ₂ -SO ₃ H Catalyst under Microwave Irradiation. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	2
42	Enantioselective inhibition of human CYP2C19 by the chiral pesticide ethofumesate: Prediction of pesticide-drug interactions in humans. <i>Chemico-Biological Interactions</i> , 2021 , 345, 109552	5	2
41	Evaluation of Ion Mobility Spectrometry for Improving Constitutional Assignment in Natural Product Mixtures.. <i>Journal of Natural Products</i> , 2022 ,	4.9	2
40	Chemical Diversity in a Stingless Bee-Plant Symbiosis. <i>ACS Omega</i> , 2019 , 4, 15208-15214	3.9	1
39	Integrating Molecular Network and Culture Media Variation to Explore the Production of Bioactive Metabolites by A1SM3. <i>Marine Drugs</i> , 2019 , 17,	6	1
38	Characteristic product ions of acetylene carotenoids by electrospray and nanospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8811	2.2	1
37	Are Predator Smell (TMT)-Induced Behavioral Alterations in Rats Able to Inhibit Seizures?. <i>Chemical Senses</i> , 2020 , 45, 347-357	4.8	1
36	Evaluation of Thr-bradykinin purified from <i>Polybia occidentalis</i> wasp venom in the choline uptake of mammal cortices. <i>Pharmaceutical Biology</i> , 2016 , 54, 3169-3171	3.8	1
35	Essential Oil Composition of <i>Stevia urticifolia</i> Growing in Ouro Preto-MG. <i>Chemistry of Natural Compounds</i> , 2015 , 51, 985-986	0.7	1
34	Direct MALDI-TOF/TOF analyses of unnatural beauvericins produced by the endophytic fungus <i>Fusarium oxysporum</i> SS46. <i>Revista Brasileira De Farmacognosia</i> , 2014 , 24, 433-438	2	1

33	Fundamentals and applications of analytical chemistry in natural products. <i>International Journal of Analytical Chemistry</i> , 2012 , 2012, 156201	1.4	1
32	Fragmentation studies of monensin A and B in negative electrospray and nanospray tandem mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2007 , 13, 191-8	1.1	1
31	Quantification of furanoheliangolides by HPLC and GC. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2003 , 39, 341-345		1
30	Direct proof by (13)C-nuclear magnetic resonance of semi-purified extract and isolation of ent-Catechin from leaves of <i>Eucalyptus cinerea</i> . <i>Pharmacognosy Magazine</i> , 2014 , 10, 191-4	0.8	1
29	Identification of compounds from non-polar fractions of <i>Blechnum</i> spp and a multitarget approach involving enzymatic modulation and oxidative stress. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 89-98	4.8	1
28	Eco-Friendly Pharmaceutical Analysis of Rifaximin in Tablets by HPLC-MS and Microbiological Turbidimetry. <i>Journal of Chromatographic Science</i> , 2021 , 59, 597-605	1.4	1
27	Marine <i>Streptomyces</i> sp. Isolated From the Brazilian Endemic Tunicate <i>Euherdmania</i> sp. Produces Dihydroeponemycin and Analogs With Potent Antiglioma Activity. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
26	Willd. alkaloids: Piecing biosynthesis together from transcriptome analysis and metabolite profiling of seeds and leaves.. <i>Journal of Advanced Research</i> , 2021 , 34, 123-136	13	1
25	A comparative venom fingerprinting approach reveals that galling and non-galling fig wasp species have different venom profiles. <i>PLoS ONE</i> , 2018 , 13, e0207051	3.7	1
24	Phytochemical and chemotaxonomy investigation of polar crude extract from <i>Eremanthus incanus</i> (Asteraceae, Vernoniaeae). <i>Biochemical Systematics and Ecology</i> , 2018 , 81, 105-108	1.4	1
23	Distribution of flavonoids and other phenolics in <i>Mikania</i> species (Compositae) of Brazil. <i>Biochemical Systematics and Ecology</i> , 2021 , 97, 104273	1.4	1
22	Topical gel containing phenolic-rich extract from <i>Ipomoea pes-capre</i> leaf (Convolvulaceae) has anti-inflammatory, wound healing, and antiophidic properties. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112921	7.5	1
21	Pharmacokinetic disposition of erythraline in rats after intravenous administration. <i>Revista Brasileira De Farmacognosia</i> , 2019 , 29, 773-777	2	0
20	Yangambin and Epi-yangambin Isomers: New Purification Method from <i>Ocotea fasciculata</i> and First Cytotoxic Aspects Focusing on In Vivo Safety. <i>Planta Medica</i> , 2020 , 86, 415-424	3.1	0
19	Chemical constituents and antibacterial activity of <i>Bromelia laciniosa</i> (Bromeliaceae): Identification and structural characterization. <i>Phytomedicine Plus</i> , 2022 , 2, 100215		0
18	Time-Scale Shifting of Volatile Semiochemical Levels in Wild Type <i>Lychnophora ericoides</i> (Brazilian <i>arnica</i>) and Pollinator Records. <i>Planta Medica</i> , 2021 , 87, 101-112	3.1	0
17	Biomimetic Metabolism of Kaurenoic Acid Validated by Microsomal Reactions. <i>Revista Brasileira De Farmacognosia</i> , 2020 , 30, 551-558	2	0
16	In vitro enantioselective inhibition of the main human CYP450 enzymes involved in drug metabolism by the chiral pesticide tebuconazole. <i>Toxicology Letters</i> , 2021 , 351, 1-9	4.4	0

15	Photoprotective activity and HPLC-MS-ESI-IT profile of flavonoids from the barks of <i>Hymenaea martiana</i> Hayne (Fabaceae): development of topical formulations containing the hydroalcoholic extract. <i>Biotechnology and Biotechnological Equipment</i> , 2021 , 35, 504-516	1.6	o
14	In vitro-in vivo correlation of the chiral pesticide prothioconazole after interaction with human CYP450 enzymes.. <i>Food and Chemical Toxicology</i> , 2022 , 163, 112947	4.7	o
13	Chemical Composition and Antimicrobial Activity of Essential Oil from the Leaves of <i>Cyrtocymura scorpioides</i> . <i>Chemistry of Natural Compounds</i> , 2016 , 52, 740-742	0.7	
12	Formation of a Predominant Metabolite of Hydroxydihydrocarvone Evaluated by a Biomimetic Oxidative Model and in Rat Liver Microsomes. <i>Planta Medica Letters</i> , 2015 , 2, e61-e64		
11	The application of "double isolation" in Fourier transform ion cyclotron resonance sustained off-resonance irradiation collisionally-induced dissociation tandem mass spectrometry to remove labile isobaric impurities. <i>European Journal of Mass Spectrometry</i> , 2011 , 17, 481-4	1.1	
10	Validation of the Stability-Indicating HPLC Method for the Major Flavonoids in Spray-Dried Leaf Extract of <i>Aleurites moluccana</i> L. Willd. <i>Current Pharmaceutical Analysis</i> , 2012 , 8, 349-359	0.6	
9	6-Shogaol inhibits cathepsin-K activity and has anticatabolic and anti-inflammatory properties in stimulated chondrocytes. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A68.2-A68	2.4	
8	New -kaurene-type nor-diterpene and other compounds isolated from Mart. (Annonaceae).. <i>Natural Product Research</i> , 2022 , 1-8	2.3	
7	Insecticidal and inhibitory effects of Meliaceae and Asteraceae extracts to silverleaf whitefly. <i>Horticultura Brasileira</i> , 2020 , 38, 280-287	0.9	
6	Govaniadine Evaluation of Cytotoxicity and Permeability in Cell Culture. <i>Revista Brasileira De Farmacognosia</i> , 2020 , 30, 374-380	2	
5	Liquid Fungal Cocultivation as a Strategy to Access Bioactive Metabolites. <i>Planta Medica</i> , 2021 , 87, 187-195	3.5	
4	Biotransformation of pungent constituents from ginger (<i>Zingiber officinale</i> Roscoe) by <i>Colletotrichum gloeosporioides</i> yields oxidative ortho-ortho coupling products. <i>Biocatalysis and Biotransformation</i> , 1-12	2.5	
3	Cytotoxicity of Structurally Diverse Anthranoids and Correlation with Mechanism of Action and Side Effects. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018 , 21, 347-353	3.4	
2	Phenolic Compounds from the Brazilian Genus <i>Lychnophora</i> Mart. (Asteraceae). <i>ACS Symposium Series</i> , 2018 , 21-46	0.4	
1	Cucurbitane Triterpene Glycosides from the Roots of <i>Wilbrandia hibiscoides</i> . <i>Revista Brasileira De Farmacognosia</i> , 1	2	