

Carla Porto

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,514
citations

623734

14
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

6279
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
2	Molecular cartography of the human skin surface in 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2120-9.	7.1	288
3	Phytochemical Analysis of <i>Pfaffia glomerata</i> Inflorescences by LC-ESI-MS/MS. <i>Molecules</i> , 2014, 19, 15720-15734.	3.8	52
4	Identification and ultra-high performance liquid chromatography coupled with high-resolution mass spectrometry characterization of biosurfactants, including a new surfactin, isolated from oil-contaminated environments. <i>Microbial Biotechnology</i> , 2018, 11, 759-769.	4.2	36
5	Development of an analytical method for identification of <i>Aspergillus flavus</i> based on chemical markers using HPLC-MS. <i>Food Chemistry</i> , 2018, 241, 113-121.	8.2	30
6	Unraveling Asian Soybean Rust metabolomics using mass spectrometry and Molecular Networking approach. <i>Scientific Reports</i> , 2020, 10, 138.	3.3	25
7	Antimicrobial activity of extractives of <i>Solidago microglossa</i> . <i>Farmacoterapia</i> , 2006, 77, 453-455.	2.2	22
8	Quinoline Alkaloids, Coumarins and Volatile Constituents of <i>Helietta longifoliata</i> . <i>Planta Medica</i> , 2002, 68, 631-634.	1.3	21
9	(R)-(-)-carvone and (1R, 4R)-trans-(+)-dihydrocarvone from <i>Poiretia latifolia</i> vogel. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 782-786.	0.6	19
10	Essential Oil from <i>Zanthoxylum hyemale</i> . <i>Planta Medica</i> , 2005, 71, 759-763.	1.3	17
11	Essential Oil of <i>Eugenia uniflora</i> L.: an Industrial Perfumery Approach. <i>Journal of Essential Oil Research</i> , 2010, 22, 176-179.	2.7	17
12	Exploring the rumen fluid metabolome using liquid chromatography-high-resolution mass spectrometry and Molecular Networking. <i>Scientific Reports</i> , 2018, 8, 17971.	3.3	17
13	Untargeted Metabolomics Analysis by UHPLC-MS/MS of Soybean Plant in a Compatible Response to <i>Phakopsora pachyrhizi</i> Infection. <i>Metabolites</i> , 2021, 11, 179.	2.9	17
14	Chemical composition and antimicrobial activity of the essential oil from <i>Aeolanthus suaveolens</i> Mart. ex Spreng. <i>Quimica Nova</i> , 2007, 30, 1923-1925.	0.3	17
15	Composition and antimicrobial activity of the essential oil from <i>Aloysia sellowii</i> . <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1458-1462.	0.6	15
16	Metabolomics and Agriculture: What Can Be Done?. <i>MSystems</i> , 2018, 3, .	3.8	13
17	Chemical Composition and Antimicrobial Activity of the Volatile Oil from <i>Baccharis articulata</i> (Lam.) Pers.. <i>Journal of Essential Oil Research</i> , 2008, 20, 366-368.	2.7	12
18	Soybean Metabolomics Based in Mass Spectrometry: Decoding the Plant's Signaling and Defense Responses under Biotic Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7257-7267.	5.2	10

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19	Alkaloids from <i>Melochia chamaedrys</i> . <i>Planta Medica</i> , 2007, 73, 289-292.	1.3	9
20	Study on the antimicrobial activity of <i>Hymatanthus sucuba</i> . <i>FÃ-toterapÃ-Ã¢</i> , 2006, 77, 50-53.	2.2	8
21	Essential Oil of <i>Pluchea quitoc</i> Dc. (Asteraceae). <i>Journal of Essential Oil Research</i> , 2007, 19, 494-497.	2.7	8
22	Biotransformation of (+)-carvone and (â~)-carvone using human skin fungi: A green method of obtaining fragrances and flavours. <i>Biocatalysis and Biotransformation</i> , 2018, 36, 396-400.	2.0	8
23	Latex from <i>Tabernaemontana catharinensis</i> (A. DC)â€™Apocynaceae: An alternative for the sustainable production of biologically active compounds. <i>Industrial Crops and Products</i> , 2019, 129, 74-84.	5.2	8
24	Metabolomics of soybean green stem and foliar retention (GSFR) disease using mass spectrometry and molecular networking. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8655.	1.5	8
25	Fumonisin affects performance and modulates the gene expression of IGF-1 and GHR in Nile tilapia fingerlings and juveniles. <i>Aquaculture</i> , 2019, 507, 233-237.	3.5	7
26	Rapid discrimination of fungal strains isolated from human skin based on microbial volatile organic profiles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1110-1111, 9-14.	2.3	6
27	CHEMICAL COMPOSITIONS AND ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF PROPOLIS PRODUCED BY <i>Frieseomelitta longipes</i> AND <i>Apis mellifera</i> BEES. <i>Quimica Nova</i> , 2018, , .	0.3	6
28	Chemical constituents and dereplication study of <i>Lessingianthus brevifolius</i> (Less.) H. Rob. (Asteraceae) by UHPLC-HRMS and molecular networking. <i>Natural Product Research</i> , 2022, 36, 1889-1892.	1.8	3
29	Fumonisin alters redox balance in Nile tilapia fingerlings. <i>Aquaculture</i> , 2021, 530, 735735.	3.5	3
30	Adventitious root culture of <i>Pfaffia glomerata</i> (Spreng.) Pedersen in a roller bottle system: An alternative source of Î²-ecdysone. <i>Phytochemistry Letters</i> , 2021, 43, 1-7.	1.2	3
31	Direct Incorporation of Ginger and Oregano Antioxidants in Canola Oil. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
32	Determination of Antibiotics Residues in Milk Using a QuEChERS Method Using Full Factorial Design and Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
33	Molecular networkâ€-guided chemical profile and mass spectrometry, volatile compounds, and antimicrobial activity of <i>Scaptotrigona depilis</i> propolis. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, .	1.5	2
34	The headspace-GC/MS: Alternative methodology employed in the bioreduction of (4S)-(+)-carvone mediated by human skin fungus. <i>Biocatalysis and Biotransformation</i> , 2020, , 1-9.	2.0	1