

Fausto Carnevale Neto

List of Publications by Year in descending order

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35
papers

1,002
citations

567144

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454834

30
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36
docs citations

36
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical constituents and antibacterial activity of <i>Bromelia laciniosa</i> (Bromeliaceae): Identification and structural characterization. <i>Phytomedicine Plus</i> , 2022, 2, 100215.	0.9	2
2	Mitochondrial Inorganic Polyphosphate (polyP) Is a Potent Regulator of Mammalian Bioenergetics in SH-SY5Y Cells: A Proteomics and Metabolomics Study. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 833127.	1.8	16
3	Evaluation of Ion Mobility Spectrometry for Improving Constitutional Assignment in Natural Product Mixtures. <i>Journal of Natural Products</i> , 2022, 85, 519-529.	1.5	6
4	Hydrogen-Deuterium Addition and Exchange in <i>N</i> -Ethylmaleimide Reaction with Glutathione Detected by NMR Spectroscopy. <i>ACS Omega</i> , 2022, 7, 26928-26935.	1.6	3
5	Glucocerebrosidase reduces the spread of protein aggregation in a <i>Drosophila melanogaster</i> model of neurodegeneration by regulating proteins trafficked by extracellular vesicles. <i>PLoS Genetics</i> , 2021, 17, e1008859.	1.5	20
6	Expanding Urinary Metabolite Annotation through Integrated Mass Spectral Similarity Networking. <i>Analytical Chemistry</i> , 2021, 93, 12001-12010.	3.2	22
7	Formation of sodium cluster ions complicates liquid chromatography-mass spectrometry metabolomics analyses. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9175.	0.7	1
8	Persistent metabolomic alterations characterize chronic critical illness after severe trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 35-45.	1.1	18
9	Effects of myocardial ischemia/reperfusion injury on plasma metabolomic profile during aging. <i>Aging Cell</i> , 2021, 20, e13284.	3.0	7
10	Determination of phenolic compounds, in vitro antioxidant activity and characterization of secondary metabolites in different parts of <i>Passiflora cincinnata</i> by HPLC-DAD-MS/MS analysis. <i>Natural Product Research</i> , 2020, 34, 995-1001.	1.0	10
11	Characterization of aporphine alkaloids by electrospray ionization tandem mass spectrometry and density functional theory calculations. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8533.	0.7	12
12	Metabolic Remodeling Promotes Cardiac Hypertrophy by Directing Glucose to Aspartate Biosynthesis. <i>Circulation Research</i> , 2020, 126, 182-196.	2.0	135
13	Characteristic product ions of acetylene carotenoids by electrospray and nanospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8811.	0.7	2
14	Effect of a Flaxseed Lignan Intervention on Circulating Bile Acids in a Placebo-Controlled Randomized, Crossover Trial. <i>Nutrients</i> , 2020, 12, 1837.	1.7	11
15	Mass Spectral Similarity Networking and Gas-Phase Fragmentation Reactions in the Structural Analysis of Flavonoid Glycoconjugates. <i>Analytical Chemistry</i> , 2019, 91, 10413-10423.	3.2	36
16	The Natural Products Atlas: An Open Access Knowledge Base for Microbial Natural Products Discovery. <i>ACS Central Science</i> , 2019, 5, 1824-1833.	5.3	258
17	Plant Metabolomics Using NMR Spectroscopy. <i>Methods in Molecular Biology</i> , 2019, 2037, 345-362.	0.4	9
18	Chemical profiling of two congeneric sea mat corals along the Brazilian coast: adaptive and functional patterns. <i>Chemical Communications</i> , 2018, 54, 1952-1955.	2.2	16

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19	An integrative omics perspective for the analysis of chemical signals in ecological interactions. <i>Chemical Society Reviews</i> , 2018, 47, 1574-1591.	18.7	72
20	Naturally occurring fluorescence in frogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3672-3677.	3.3	81
21	Dereplication of Flavonoid Glycoconjugates from <i>Adenocalymma imperatoris-maximilianii</i> by Untargeted Tandem Mass Spectrometry-Based Molecular Networking. <i>Planta Medica</i> , 2017, 83, 636-646.	0.7	29
22	Anti-inflammatory activity of <i>Vismia guianensis</i> (Aubl.) Pers. extracts and antifungal activity against <i>Sporothrix schenckii</i> . <i>Journal of Ethnopharmacology</i> , 2017, 195, 266-274.	2.0	16
23	Patent analysis: a look at the innovative nature of plant-based cosmetics. <i>Quimica Nova</i> , 2017, , .	0.3	4
24	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.	1.6	16
25	Reinvestigation of the fragmentation of protonated carotenoids by electrospray ionization and nanospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1540-1548.	0.7	17
26	Partial least squares model and design of experiments toward the analysis of the metabolome of <i>Jatropha gossypifolia</i> leaves: Extraction and chromatographic fingerprint optimization. <i>Journal of Separation Science</i> , 2016, 39, 1023-1030.	1.3	11
27	Quantitative Method to Investigate the Balance between Metabolism and Proteome Biomass: Starting from Glycine. <i>Angewandte Chemie</i> , 2016, 128, 15875-15879.	1.6	1
28	Quantitative Method to Investigate the Balance between Metabolism and Proteome Biomass: Starting from Glycine. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15646-15650.	7.2	42
29	Metabolomics method to comprehensively analyze amino acids in different domains. <i>Analyst, The</i> , 2015, 140, 2726-2734.	1.7	39
30	Chrysobalanaceae: secondary metabolites, ethnopharmacology and pharmacological potential. <i>Phytochemistry Reviews</i> , 2013, 12, 121-146.	3.1	13
31	Interval Multivariate Curve Resolution in the Dereplication of HPLC-DAD Data from <i>Jatropha gossypifolia</i> . <i>Phytochemical Analysis</i> , 2013, 24, 401-406.	1.2	21
32	RAMSY: Ratio Analysis of Mass Spectrometry to Improve Compound Identification. <i>Analytical Chemistry</i> , 2013, 85, 10771-10779.	3.2	29
33	Dereplication of Phenolic Derivatives of <i>Qualea grandiflora</i> and <i>Qualea cordata</i> (Vochysiaceae) using Liquid Chromatography coupled with ESI-QToF-MS/MS. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
34	Vochysiaceae: secondary metabolites, ethnopharmacology and pharmacological potential. <i>Phytochemistry Reviews</i> , 2011, 10, 413-429.	3.1	16
35	METABOLÔMICA DE PLANTAS: MÃ%ODOS E DESAFIOS. <i>Quimica Nova</i> , 0, , .	0.3	8