

Eduardo C Meurer

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.

59
papers

1,039
citations

18
h-index

30
g-index

68
ext. papers

1,127
ext. citations

3
avg, IF

3.69
L-index

#	Paper	IF	Citations
59	Hydroethanolic Extract of Grape Peel from Winemaking Waste: Antinociceptive and Anti-Inflammatory Activities.. <i>Food Technology and Biotechnology</i> , 2022 , 60, 21-28	2.1	1
58	Characterization of the Activity of Croton tiglium Oil in Hetter's Very Heavy Phenol-Croton Oil Chemical Peels. <i>Dermatologic Surgery</i> , 2021 , 47, 944-946	1.7	1
57	Tri- and dipeptides identification in whey protein and porcine liver protein hydrolysates by fast LC-MS/MS neutral loss screening and de novo sequencing. <i>Journal of Mass Spectrometry</i> , 2021 , 56, e4701 ^{2.2}	2.2	0
56	Tibouchina granulosa (Vell.) Cogn (Melastomataceae) as source of endophytic fungi: isolation, identification, and antiprotozoal activity of metabolites from Phyllosticta capitalensis. <i>Brazilian Journal of Microbiology</i> , 2020 , 51, 557-569	2.2	3
55	Improvement of lipid quality on Nile tilapia fillet composition with low protein feeding treatment. <i>Acta Scientiarum - Technology</i> , 2020 , 42, e45271	0.5	1
54	Minutifloroside, a New Bis-Iridoid Glucoside with Antifungal and Antioxidant Activities and Other Constituents from Palicourea minutiflora. <i>Journal of the Brazilian Chemical Society</i> , 2020 ,	1.5	2
53	Effect of subcritical water processing on the extraction of compounds, composition, and functional properties of asparagus by-product. <i>Journal of Food Process Engineering</i> , 2019 , 42, e13060	2.4	7
52	Determination of Ethyl Carbamate in Sugar Cane Spirit by Direct Injection Electrospray Ionization Tandem Mass Spectrometry Using 18-Crown-6/Trifluoroacetic Acid Spiking Additives. <i>Food Analytical Methods</i> , 2019 , 12, 69-75	3.4	4
51	Teaching venturi electrospray mass spectrometry with amino acid analysis. <i>International Journal of Mass Spectrometry</i> , 2019 , 444, 116183	1.9	2
50	Immune Response Resetting in Ongoing Sepsis. <i>Journal of Immunology</i> , 2019 , 203, 1298-1312	5.3	15
49	Curvulin and spirostaphylotrichins R and U from extracts produced by two endophytic sp. associated to aquatic macrophytes with antileishmanial activity. <i>Natural Product Research</i> , 2018 , 32, 2783-2790 ^{3.3} ¹¹	3.3	11
48	Gasification of olive oil mill waste by supercritical water in a continuous reactor. <i>Journal of Supercritical Fluids</i> , 2018 , 142, 10-21	4.2	21
47	Anthocyanidins structural study using positive electrospray ionization triple quadrupole mass spectrometry and H/D exchange. <i>Journal of Mass Spectrometry</i> , 2018 , 53, 1230-1237	2.2	1
46	Venturi Electrospray Ionization: Principles and Applications. <i>International Journal of Mass Spectrometry</i> , 2018 , 431, 50-55	1.9	2
45	Direct Detection of Triacetone Triperoxide (TATP) in Real Banknotes from ATM Explosion by EASI-MS. <i>Propellants, Explosives, Pyrotechnics</i> , 2017 , 42, 370-375	1.7	9
44	18-Crown-6 spiking in direct infusion ESIMS analysis of complex mixtures: One ion per analyte relationship facilitating ion assignments and eliminating isobaric interferences. <i>International Journal of Mass Spectrometry</i> , 2017 , 418, 37-40	1.9	4
43	On the solvent and counter ion-free mechanism of ketalization reactions of gaseous activated carbonyls. <i>International Journal of Mass Spectrometry</i> , 2017 , 421, 170-177	1.9	1

42	An Efficient Multigram Synthesis of Hypericin Improved by a Low Power LED Based Photoreactor. <i>Organic Process Research and Development</i> , 2017 , 21, 2025-2031	3.9	16
41	The screening of organic matter in mineral and tap water by UHPLC-HRMS. <i>Talanta</i> , 2017 , 174, 581-586	6.2	7
40	Determination of Geochemically Important Sterols and Triterpenols in Sediments Using Ultrahigh-Performance Liquid Chromatography Tandem Mass Spectrometry (UHPLC-MS/MS). <i>Analytical Chemistry</i> , 2015 , 87, 7771-8	7.8	21
39	LC-MS characterization of valsartan degradation products and comparison with LC-PDA. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015 , 51, 839-845	1.8	3
38	Mass Spectrometry OMICS Approach to Study Medicinal Chemical Molecular Responses on Living Organisms 2015 , 5,		1
37	Vapors from Ionic Liquids: Reconciling Simulations with Mass Spectrometric Data. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 3435-41	6.4	46
36	LC-MS/MS quantitation of plasma progesterone in cattle. <i>Theriogenology</i> , 2011 , 76, 1266-74.e1-2	2.8	9
35	Pharmacokinetic and local toxicity studies of liposome-encapsulated and plain mepivacaine solutions in rats. <i>Drug Delivery</i> , 2010 , 17, 68-76	7	9
34	Determination of levocetirizine in human plasma by liquid chromatography-electrospray tandem mass spectrometry: application to a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 862, 132-9	3.2	19
33	Determination of memantine in human plasma by liquid chromatography-electrospray tandem mass spectrometry: application to a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 848, 311-6	3.2	40
32	Determination of dimenhydrinate in human plasma by liquid chromatography-electrospray tandem mass spectrometry: application to a relative bioavailability study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 853, 127-32	3.2	6
31	The atmospheric pressure Meerwein reaction. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 470-6	2.2	6
30	Formal gas-phase polar [4 + 1+] cycloaddition of ionized methylene to alpha-dicarbonyl compounds: synthesis of 2-unsubstituted 1,3-dioxoles. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 735-40	2.2	1
29	Effect of the maceration time on chemical composition of extracts of Brazilian propolis. <i>Journal of Apicultural Research</i> , 2006 , 45, 137-144	2	3
28	Transient intermediates of the Tebbe reagent intercepted and characterized by atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2626-9	2.2	12
27	Effect of the maceration time on chemical composition of extracts of Brazilian propolis. <i>Journal of Apicultural Research</i> , 2006 , 45, 137-144	2	2
26	Determination of phthalates in water using fiber introduction mass spectrometry. <i>Analyst, The</i> , 2005 , 130, 188-92	5	13
25	Absolute configuration assignment of ortho, meta, or para isomers by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005 , 16, 431-436	3.5	30

24	Cyclization reactions of acylium and thioacylium ions with isocyanates and isothiocyanates: gas phase synthesis of 3,4-dihydro-2,4-dioxo-2H-1,3,5-oxadiazinium ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2005 , 16, 1602-7	3.5	6
23	Hydrogen/Chlorine exchange reactions of gaseous carbanions. <i>Journal of the American Society for Mass Spectrometry</i> , 2005 , 16, 2045-51	3.5	10
22	Validated method for determination of bromopride in human plasma by liquid chromatography–electrospray tandem mass spectrometry: application to the bioequivalence study. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 1197-202	2.2	5
21	Development and validation of a selective and robust LC-MS/MS method for quantifying amlodipine in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1049-54	4.4	28
20	Constituintes polares das folhas de <i>Machaonia brasiliensis</i> (Rubiaceae). <i>Quimica Nova</i> , 2004 , 27, 525-527	1.6	5
19	Isomeric differentiation and quantification of α -amino acid-containing tripeptides by the kinetic method: alkali metal-bound dimeric cluster ions. <i>International Journal of Mass Spectrometry</i> , 2004 , 231, 103-111	1.9	39
18	Synthesis of unexpected six-membered imides by free-radical carbocyclisation on carbohydrate templates. <i>Tetrahedron</i> , 2004 , 60, 9901-9908	2.4	2
17	A new 20-membered macrocyclic dilactam: an unexpected product of a tri-n-butyltin hydride-mediated radical reaction. <i>Tetrahedron Letters</i> , 2004 , 45, 3317-3320	2	4
16	Meerwein reaction of phosphonium ions with epoxides and thioepoxides in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 398-405	3.5	11
15	Gas-phase reactions for selective detection of the explosives TNT and RDX. <i>Chemical Communications</i> , 2004 , 40-1	5.8	20
14	Chiral morphing and enantiomeric quantification in mixtures by mass spectrometry. <i>Analytical Chemistry</i> , 2004 , 76, 663-71	7.8	50
13	Monoterpene indole alkaloids from <i>Palicourea crocea</i> . <i>Journal of Natural Products</i> , 2004 , 67, 1886-8	4.9	22
12	The kinetic method as a structural diagnostic tool: ionized alpha-diketones as loosely one-electron bonded diacylium ion dimers. <i>European Journal of Mass Spectrometry</i> , 2003 , 9, 295-304	1.1	11
11	Gas-phase polar [4+ + 2] cycloaddition with ethyl vinyl ether: a structurally diagnostic ion-molecule reaction for 2-azabutadienyl cations. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 1075-80	2.2	17
10	Ionic transacetalization with acylium ions: a class-selective and structurally diagnostic reaction for cyclic acetals performed under unique electrospray and atmospheric pressure chemical ionization in-source ion-molecule reaction conditions. <i>Analytical Chemistry</i> , 2003 , 75, 4701-9	7.8	40
9	Probing the mechanism of the Petasis olefination reaction by atmospheric pressure chemical ionization mass and tandem mass spectrometry. <i>Organic Letters</i> , 2003 , 5, 1391-4	6.2	60
8	Ion/molecule reactions performed in a miniature cylindrical ion trap mass spectrometer. <i>Analyst, The</i> , 2003 , 128, 1112-8	5	25
7	Solid phase micro-extraction in a miniature ion trap mass spectrometer. <i>Analyst, The</i> , 2003 , 128, 1119-225		24

6	Mono and double polar [4 + 2(+)] Diels-Alder cycloaddition of acylium ions with O-heterodienes. <i>Journal of Mass Spectrometry</i> , 2002 , 37, 146-54	2.2	14
5	Fiber introduction mass spectrometry: fully direct coupling of solid-phase microextraction with mass spectrometry. <i>Analytical Chemistry</i> , 2002 , 74, 5688-92	7.8	26
4	Atmospheric pressure photoionization mass spectrometry. Ionization mechanism and the effect of solvent on the ionization of naphthalenes. <i>Analytical Chemistry</i> , 2002 , 74, 5470-9	7.8	250
3	Gas-phase polar [4++2] cycloaddition of cationic 2-azabutadienes with enol ethers. <i>International Journal of Mass Spectrometry</i> , 2001 , 210-211, 469-482	1.9	12
2	Cyclization of acylium ions with nitriles: gas-phase synthesis and characterization of 1,3,5-oxadiazinium ions. <i>International Journal of Mass Spectrometry</i> , 2001 , 212, 445-454	1.9	21
1	Structural Study of Phenolic Acids by Triple Quadrupole Mass Spectrometry with Electrospray Ionization in Negative Mode and H/D Isotopic Exchange. <i>Journal of the Brazilian Chemical Society</i> ,	1.5	2