

Marcos Bouza

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

306
citations

933447

10
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the mass of an electron: an undergraduate laboratory experiment with high resolution mass spectrometry. <i>Chemistry Teacher International</i> , 2022, 4, 15-22.	1.7	4
2	Direct wine profiling by mass spectrometry (MS): A comparison of different ambient MS approaches. <i>Microchemical Journal</i> , 2022, 179, 107479.	4.5	6
3	A Shared Prebiotic Formation of Neopterin and Guanine Nucleosides from Pyrimidine Bases. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
4	Thioesters provide a plausible prebiotic path to proto-peptides. <i>Nature Communications</i> , 2022, 13, 2569.	12.8	24
5	Triboelectric Nanogenerator Ion Mobility–Mass Spectrometry for In-Depth Lipid Annotation. <i>Analytical Chemistry</i> , 2021, 93, 5468-5475.	6.5	14
6	Comparison of High-Resolution Fourier Transform Mass Spectrometry Platforms for Putative Metabolite Annotation. <i>Analytical Chemistry</i> , 2021, 93, 12374-12382.	6.5	7
7	Laboratory evaluation of twelve portable devices for medicine quality screening. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009360.	3.0	10
8	Assessment of a specific sample cleanup for the multiresidue determination of veterinary drugs and pesticides in salmon using liquid chromatography/tandem mass spectrometry. <i>Food Control</i> , 2021, 130, 108311.	5.5	17
9	Direct analysis of olive oil and other vegetable oils by mass spectrometry: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116046.	11.4	25
10	Prebiotic Origin of Pre–RNA Building Blocks in a Urea –Warm Little Pond–Scenario. <i>ChemBioChem</i> , 2020, 21, 3504-3510.	2.6	23
11	Proline Behavior in Model Prebiotic Peptides Formed by Wet–Dry Cycling. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1349-1359.	2.7	6
12	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. <i>Analytical Methods</i> , 2020, 12, 4831-4852.	2.7	40
13	Sub-nanoliter metabolomics via mass spectrometry to characterize volume-limited samples. <i>Nature Communications</i> , 2020, 11, 5625.	12.8	39
14	Large-Area Triboelectric Nanogenerator Mass Spectrometry: Expanded Coverage, Double-Bond Pinpointing, and Supercharging. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 727-734.	2.8	10
15	Compositional characterization of complex protopeptide libraries via triboelectric nanogenerator Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1293-1300.	1.5	8
16	Technical note: Characterization of gold coated ceramics by radiofrequency pulsed glow discharge –time of flight mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 502-507.	3.0	5
17	Robotic Surface Analysis Mass Spectrometry (RoSA-MS) of Three-Dimensional Objects. <i>Analytical Chemistry</i> , 2018, 90, 3981-3986.	6.5	21
18	A novel gas sampling introduction interface for fast analysis of volatile organic compounds using radiofrequency pulsed glow discharge time of flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1038, 59-66.	5.4	6

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19	Volatile organic compound analysis by pulsed glow discharge time of flight mass spectrometry as a structural elucidation tool. <i>Journal of Mass Spectrometry</i> , 2017, 52, 561-570.	1.6	4
20	Volatile organic compound analysis by pulsed glow discharge time of flight mass spectrometry as a structural elucidation tool. <i>Journal of Mass Spectrometry</i> , 2017, 52, ii.	1.6	0
21	A flowing atmospheric pressure afterglow as an ion source coupled to a differential mobility analyzer for volatile organic compound detection. <i>Analyst, The</i> , 2016, 141, 3437-3443.	3.5	5
22	Pulsed radiofrequency glow discharge time of flight mass spectrometry for coated glass analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1108-1116.	3.0	14
23	Characterization of a new mobility separation tool: HRIMS as differential mobility analyzer. <i>Talanta</i> , 2014, 130, 400-407.	5.5	1
24	RF-pulsed glow discharge time-of-flight mass spectrometry for glass analysis: Investigation of the ion source design. <i>Analytica Chimica Acta</i> , 2012, 756, 30-36.	5.4	11
25	Liquid chromatography- ϵ -dielectric barrier discharge ionization mass spectrometry for the analysis of neutral lipids of archaeological interest. <i>Journal of Separation Science</i> , 0, , .	2.5	1