

Mañ-ra Fasciotti

List of Publications by Year in descending order

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27
papers

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516710

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526287

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times ranked

1230
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Optimization and application of methods of triacylglycerol evaluation for characterization of olive oil adulteration by soybean oil with HPLC-APCI-MS. <i>Talanta</i> , 2010, 81, 1116-1125. | 5.5 | 107 |
| 2 | Separation of steroid isomers by ion mobility mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1310, 133-137. | 3.7 | 81 |
| 3 | Baseline resolution of isomers by traveling wave ion mobility mass spectrometry: investigating the effects of polarizable drift gases and ionic charge distribution. <i>Journal of Mass Spectrometry</i> , 2013, 48, 989-997. | 1.6 | 77 |
| 4 | Antibacterial and antifungal activities of pyrolytic acid from wood of <i>Eucalyptus urograndis</i> and <i>Mimosa tenuiflora</i> . <i>Journal of Applied Microbiology</i> , 2018, 124, 85-96. | 3.1 | 62 |
| 5 | Separation of isomeric disaccharides by traveling wave ion mobility mass spectrometry using CO ₂ as drift gas. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1643-1647. | 1.6 | 61 |
| 6 | Petroleomics by Traveling Wave Ion Mobility Mass Spectrometry Using CO ₂ as a Drift Gas. <i>Energy & Fuels</i> , 2013, 27, 7277-7286. | 5.1 | 46 |
| 7 | Chemical Composition of Pyrolytic Acid Obtained from Eucalyptus GG100 Clone. <i>Molecules</i> , 2018, 23, 426. | 3.8 | 44 |
| 8 | Proteomics in quality control: Whey protein-based supplements. <i>Journal of Proteomics</i> , 2016, 147, 48-55. | 2.4 | 28 |
| 9 | Selective and efficient mitochondrial staining with designed 2,1,3-benzothiazole derivatives as live cell fluorescence imaging probes. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 770-781. | 0.6 | 27 |
| 10 | Fullerenes in asphaltenes and other carbonaceous materials: natural constituents or laser artifacts. <i>Analyst</i> , 2016, 141, 2767-2773. | 3.5 | 25 |
| 11 | Fast pyrolysis of trunk wood and stump wood from a Brazilian eucalyptus clone. <i>Industrial Crops and Products</i> , 2018, 125, 630-638. | 5.2 | 25 |
| 12 | Structure-drift time relationships in ion mobility mass spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 117-132. | 1.4 | 24 |
| 13 | Optimization and comparison of HPLC and RRLC conditions for the analysis of carbonyl-DNPH derivatives. <i>Talanta</i> , 2010, 81, 521-529. | 5.5 | 23 |
| 14 | Corrole isomers: intrinsic gas-phase shapes via traveling wave ion mobility mass spectrometry and dissociation chemistries via tandem mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8396. | 2.8 | 20 |
| 15 | Perspectives for the use of biotechnology in green chemistry applied to biopolymers, fuels and organic synthesis: from concepts to a critical point of view. <i>Sustainable Chemistry and Pharmacy</i> , 2017, 6, 82-89. | 3.3 | 20 |
| 16 | Structural Organization and Supramolecular Interactions of the Task-Specific Ionic Liquid 1-Methyl-3-carboxymethylimidazolium Chloride: Solid, Solution, and Gas Phase Structures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17878-17889. | 3.1 | 17 |
| 17 | Analysis of 31 Hydrazones of Carbonyl Compounds by RRLC-UV and RRLC-MS(/MS): A Comparison of Methods. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-11. | 1.3 | 17 |
| 18 | Comprehensive Triacylglycerol Characterization of Oils and Butters of 15 Amazonian Oleaginous Species by ESI-HRMS/MS and Comparison with Common Edible Oils and Fats. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 2000019. | 1.5 | 12 |

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|----|---|-----|-----------|
| 19 | Investigating the Potential of Ion Mobility-Mass Spectrometry for Microalgae Biomass Characterization. <i>Analytical Chemistry</i> , 2019, 91, 9266-9276. | 6.5 | 10 |
| 20 | Biophysical characterization of two commercially available preparations of the drug containing <i>Escherichia coli</i> L-Asparaginase 2. <i>Biophysical Chemistry</i> , 2021, 271, 106554. | 2.8 | 9 |
| 21 | The carbon isotopic ($^{13}\text{C}/^{12}\text{C}$) signature of sugarcane bioethanol: certifying the major source of renewable fuel from Brazil. <i>Analytical Methods</i> , 2015, 7, 4780-4785. | 2.7 | 8 |
| 22 | The influence of different referencing methods on the accuracy of $\delta^{13}\text{C}$ value measurement of ethanol fuel by gas chromatography/combustion/isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1938-1946. | 1.5 | 7 |
| 23 | Wood chemotaxonomy via ESI-MS profiles of phytochemical markers: the challenging case of African versus Brazilian mahogany woods. <i>Analytical Methods</i> , 2015, 7, 8576-8583. | 2.7 | 7 |
| 24 | Final report on CCQM-K167: carbon isotope delta measurements of vanillin. <i>Metrologia</i> , 2022, 59, 08004. | 1.2 | 4 |
| 25 | Two-point normalization using internal and external standards for a traceable determination of $\delta^{13}\text{C}$ values of fatty acid methyl esters by gas chromatography/combustion/isotope ratio mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 41-50. | 1.5 | 3 |
| 26 | Effect of polymeric diisocyanate addition on bonding performance of a demethylated-pyrolysis-oil-based adhesive. <i>Wood Science and Technology</i> , 2019, 53, 1311-1337. | 3.2 | 3 |
| 27 | Solid, Solution and Gas Phase Interactions of an Imidazolium-Based Task-Specific Ionic Liquid Derived from Natural Kojic Acid. <i>Journal of the Brazilian Chemical Society</i> , 2014, , . | 0.6 | 3 |