

Edvaldo Vasconcelos Soares Maciel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

651
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	A cartridge-based device for automated analyses of solid matrices by online sample prepâ€“capillary LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2725-2737.	3.7	3
2	Neonicotinoids exposure assessment in Africanized honey bees (<i>Apis mellifera</i> L.) by using an environmentally-friendly sample preparation technique followed by UPLC-MS/MS. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2022, 57, 252-262.	1.5	1
3	Microextraction columns for automated sample preparation. A review focusing on fully miniaturized column switching and bioanalytical applications. <i>Advances in Sample Preparation</i> , 2022, 3, 100031.	3.0	2
4	Current role of modern chromatography and mass spectrometry in the analysis of mycotoxins in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116156.	11.4	38
5	Towards a universal automated and miniaturized sample preparation approach. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100427.	3.3	7
6	Recent advances and trends in miniaturized sample preparation techniques. <i>Journal of Separation Science</i> , 2020, 43, 202-225.	2.5	121
7	Miniaturized liquid chromatography focusing on analytical columns and mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2020, 1103, 11-31.	5.4	76
8	Miniaturization of liquid chromatography coupled to mass spectrometry. 3. Achievements on chip-based LCâ€“MS devices. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116003.	11.4	26
9	The role of magnetic nanomaterials in miniaturized sample preparation techniques. , 2020, , 77-98.		8
10	The Current Role of Graphene-Based Nanomaterials in the Sample Preparation Arena. <i>Frontiers in Chemistry</i> , 2020, 8, 664.	3.6	32
11	Multidimensional capillary liquid chromatography-tandem mass spectrometry for the determination of multiclass pesticides in â€œsugarcane spiritsâ€“(cachaÃ§as). <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7789-7797.	3.7	8
12	Miniaturized liquid chromatography applied to the analysis of residues and contaminants in food: A review. <i>Electrophoresis</i> , 2020, 41, 1680-1693.	2.4	13
13	Miniaturization of liquid chromatography coupled to mass spectrometry.. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115910.	11.4	30
14	Evaluation of Two Fully Automated Setups for Mycotoxin Analysis Based on Online Extraction-Liquid Chromatographyâ€“Tandem Mass Spectrometry. <i>Molecules</i> , 2020, 25, 2756.	3.8	11
15	Multidimensional Liquid Chromatography Employing a Graphene Oxide Capillary Column as the First Dimension: Determination of Antidepressant and Antiepileptic Drugs in Urine. <i>Molecules</i> , 2020, 25, 1092.	3.8	14
16	New materials in sample preparation: Recent advances and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115633.	11.4	109
17	Evaluation of the tubing material and physical dimensions on the performance of extraction columns for on-line sample preparation-LCâ€“MS/MS. <i>Journal of Chromatography A</i> , 2019, 1597, 18-27.	3.7	9
18	Current status and future trends on automated multidimensional separation techniques employing sorbentâ€“based extraction columns. <i>Journal of Separation Science</i> , 2019, 42, 258-272.	2.5	24

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19	Graphene particles supported on silica as sorbent for residue analysis of tetracyclines in milk employing microextraction by packed sorbent. <i>Electrophoresis</i> , 2018, 39, 2047-2055.	2.4	21
20	The role of graphene-based sorbents in modern sample preparation techniques. <i>Journal of Separation Science</i> , 2018, 41, 288-302.	2.5	84
21	Online fully automated SPE-HPLC-MS/MS determination of ceftiofur in bovine milk samples employing a silica-anchored ionic liquid as sorbent. <i>Electrophoresis</i> , 2018, 39, 2210-2217.	2.4	14