

Deyber Arley Vargas Medina

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

597
citations

567144

15
h-index

610775

24
g-index

24
all docs

24
docs citations

24
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances and trends in miniaturized sample preparation techniques. <i>Journal of Separation Science</i> , 2020, 43, 202-225.	1.3	121
2	Metal-organic framework mixed-matrix coatings on 3D printed devices. <i>Applied Materials Today</i> , 2019, 16, 21-27.	2.3	54
3	Automated dispersive liquid-liquid microextraction based on the solidification of the organic phase. <i>Talanta</i> , 2018, 189, 241-248.	2.9	38
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.	5.8	38
5	Automated microextraction by packed sorbent of cannabinoids from human urine using a lab-made device packed with molecularly imprinted polymer. <i>Talanta</i> , 2020, 219, 121185.	2.9	35
6	Automated online coupling of robot-assisted single drop microextraction and liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1595, 66-72.	1.8	34
7	The Current Role of Graphene-Based Nanomaterials in the Sample Preparation Arena. <i>Frontiers in Chemistry</i> , 2020, 8, 664.	1.8	32
8	Miniaturization of liquid chromatography coupled to mass spectrometry.. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115910.	5.8	30
9	Sample treatment platform for automated integration of microextraction techniques and liquid chromatography analysis. <i>HardwareX</i> , 2019, 5, e00056.	1.1	26
10	Miniaturization of liquid chromatography coupled to mass spectrometry. 3. Achievements on chip-based LC-MS devices. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116003.	5.8	26
11	An overview of open tubular liquid chromatography with a focus on the coupling with mass spectrometry for the analysis of small molecules. <i>Journal of Chromatography A</i> , 2021, 1641, 461989.	1.8	25
12	Robotic-assisted dynamic large drop microextraction. <i>Journal of Chromatography A</i> , 2019, 1608, 460416.	1.8	19
13	Determination of ring-substituted amphetamines through automated online hollow fiber liquid-phase microextraction-liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7889-7897.	1.9	17
14	Magnetic solid-phase extraction of gingerols in ginger containing products. <i>Talanta</i> , 2021, 222, 121683.	2.9	17
15	Automated needle-sleeve based online hyphenation of solid-phase microextraction and liquid chromatography. <i>Talanta</i> , 2021, 221, 121608.	2.9	17
16	Hyperporous carbon-coated 3D printed devices. <i>Applied Materials Today</i> , 2019, 14, 29-34.	2.3	16
17	Thermal investigation on polymorphism in sodium saccharine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 361-367.	2.0	14
18	Electron ionization mass spectrometry: Quo vadis?. <i>Electrophoresis</i> , 2022, 43, 1587-1600.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Porous layer open tubular nano liquid chromatography directly coupled to electron ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1674, 463143.	1.8	8
20	Towards a universal automated and miniaturized sample preparation approach. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100427.	1.6	7
21	Polymorphism and thermal behavior of sodium cyclamate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 1307-1313.	2.0	5
22	Determination of parabens in wastewater samples via robot-assisted dynamic single-drop microextraction and liquid chromatography-tandem mass spectrometry. <i>Electrophoresis</i> , 2022, 43, 1567-1576.	1.3	5
23	Solventes supramoleculares: Uma alternativa na microextração em fase líquida para análises cromatográficas. <i>Scientia Chromatographica</i> , 2017, 9, 83-100.	0.2	2
24	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.	1.1	2