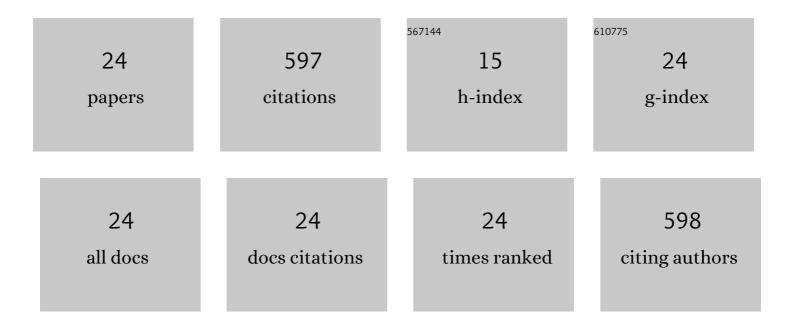
Deyber Arley Vargas Medina

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Recent advances and trends in miniaturized sample preparation techniques. Journal of Separation Science, 2020, 43, 202-225.	1.3	121
2	Metal–organic framework mixed-matrix coatings on 3D printed devices. Applied Materials Today, 2019, 16, 21-27.	2.3	54
3	Automated dispersive liquid-liquid microextraction based on the solidification of the organic phase. Talanta, 2018, 189, 241-248.	2.9	38
4	Current role of modern chromatography and mass spectrometry in the analysis of mycotoxins in food. TrAC - Trends in Analytical Chemistry, 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. Talanta, 2020, 219, 121185.	2.9	35
6	Automated online coupling of robot-assisted single drop microextraction and liquid chromatography. Journal of Chromatography A, 2019, 1595, 66-72.	1.8	34
7	The Current Role of Graphene-Based Nanomaterials in the Sample Preparation Arena. Frontiers in Chemistry, 2020, 8, 664.	1.8	32
8	Miniaturization of liquid chromatography coupled to mass spectrometry TrAC - Trends in Analytical Chemistry, 2020, 128, 115910.	5.8	30
9	Sample treatment platform for automated integration of microextraction techniques and liquid chromatography analysis. HardwareX, 2019, 5, e00056.	1.1	26
10	Miniaturization of liquid chromatography coupled to mass spectrometry. 3. Achievements on chip-based LC–MS devices. TrAC - Trends in Analytical Chemistry, 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. Journal of Chromatography A, 2021, 1641, 461989.	1.8	25
12	Robotic-assisted dynamic large drop microextraction. Journal of Chromatography A, 2019, 1608, 460416.	1.8	19
13	Determination of ring-substituted amphetamines through automated online hollow fiber liquid-phase microextraction-liquid chromatography. Analytical and Bioanalytical Chemistry, 2019, 411, 7889-7897.	1.9	17
14	Magnetic solid-phase extraction of gingerols in ginger containing products. Talanta, 2021, 222, 121683.	2.9	17
15	Automated needle-sleeve based online hyphenation of solid-phase microextraction and liquid chromatography. Talanta, 2021, 221, 121608.	2.9	17
16	Hyperporous carbon-coated 3D printed devices. Applied Materials Today, 2019, 14, 29-34.	2.3	16
17	Thermal investigation on polymorphism in sodium saccharine. Journal of Thermal Analysis and Calorimetry, 2014, 117, 361-367.	2.0	14
18	Electron ionization mass spectrometry: Quo vadis?. Electrophoresis, 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. Journal of Chromatography A, 2022, 1674, 463143.	1.8	8
20	Towards a universal automated and miniaturized sample preparation approach. Sustainable Chemistry and Pharmacy, 2021, 21, 100427.	1.6	7
21	Polymorphism and thermal behavior of sodium cyclamate. Journal of Thermal Analysis and Calorimetry, 2019, 137, 1307-1313.	2.0	5
22	Determination of parabens in wastewater samples via robotâ€assisted dynamic singleâ€drop microextraction and liquid chromatography–tandem mass spectrometry. Electrophoresis, 2022, 43, 1567-1576.	1.3	5
23	Solventes supramoleculares: Uma alternativa na microextração em fase lÃquida para análises cromatográficas. Scientia Chromatographica, 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. Advances in Sample Preparation, 2022, 3, 100031.	1.1	2