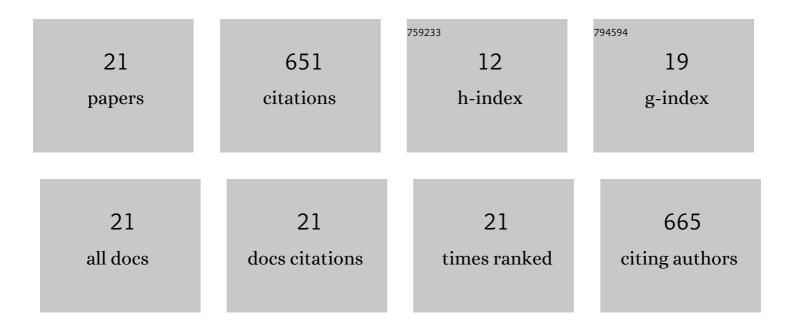
## Edvaldo Vasconcelos Soares Maciel

List of Publications by Year in descending order

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Edvaldo Vasconcelos

#	Article	IF	CITATIONS
1	A cartridge-based device for automated analyses of solid matrices by online sample prep–capillary LC-MS/MS. Analytical and Bioanalytical Chemistry, 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. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 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. Advances in Sample Preparation, 2022, 3, 100031.	3.0	2
4	Current role of modern chromatography and mass spectrometry in the analysis of mycotoxins in food. TrAC - Trends in Analytical Chemistry, 2021, 135, 116156.	11.4	38
5	Towards a universal automated and miniaturized sample preparation approach. Sustainable Chemistry and Pharmacy, 2021, 21, 100427.	3.3	7
6	Recent advances and trends in miniaturized sample preparation techniques. Journal of Separation Science, 2020, 43, 202-225.	2.5	121
7	Miniaturized liquid chromatography focusing on analytical columns and mass spectrometry: A review. Analytica Chimica Acta, 2020, 1103, 11-31.	5.4	76
8	Miniaturization of liquid chromatography coupled to mass spectrometry. 3. Achievements on chip-based LC–MS devices. TrAC - Trends in Analytical Chemistry, 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. Frontiers in Chemistry, 2020, 8, 664.	3.6	32
11	Multidimensional capillary liquid chromatography-tandem mass spectrometry for the determination of multiclass pesticides in "sugarcane spirits―(cachaças). Analytical and Bioanalytical Chemistry, 2020, 412, 7789-7797.	3.7	8
12	Miniaturized liquid chromatography applied to the analysis of residues and contaminants in food: A review. Electrophoresis, 2020, 41, 1680-1693.	2.4	13
13	Miniaturization of liquid chromatography coupled to mass spectrometry TrAC - Trends in Analytical Chemistry, 2020, 128, 115910.	11.4	30
14	Evaluation of Two Fully Automated Setups for Mycotoxin Analysis Based on Online Extraction-Liquid Chromatography–Tandem Mass Spectrometry. Molecules, 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. Molecules, 2020, 25, 1092.	3.8	14
16	New materials in sample preparation: Recent advances and future trends. TrAC - Trends in Analytical Chemistry, 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-LC–MS/MS. Journal of Chromatography A, 2019, 1597, 18-27.	3.7	9
18	Current status and future trends on automated multidimensional separation techniques employing sorbentâ€based extraction columns. Journal of Separation Science, 2019, 42, 258-272.	2.5	24

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