Marcos A Bezerra

List of Publications by Citations

20 papers	3,467 citations	7 h-index	26 g-index
26 ext. papers	3,954 ext. citations	4 avg, IF	4.98 L-index

#	Paper	IF	Citations
20	Response surface methodology (RSM) as a tool for optimization in analytical chemistry. *Talanta*, **2008**, 76, 965-77	6.2	3310
19	Simultaneous optimization of multiple responses and its application in Analytical Chemistry - A review. *Talanta*, **2019**, 194, 941-959	6.2	56
18	Application of multivariate designs in the development of a method for vanadium determination in natural waters by HR-CS GF AAS after cloud-point extraction. *Microchemical Journal*, **2016**, 129, 318-324	4.8	22
17	Multivariate optimization for the determination of cadmium and lead in crude palm oil by graphite furnace atomic absorption spectrometry after extraction induced by emulsion breaking. *Microchemical Journal*, **2020**, 153, 104401	4.8	19
16	Hair in Parkinson's disease patients exhibits differences in Calcium, Iron and Zinc concentrations measured by flame atomic absorption spectrometry - FAAS. *Journal of Trace Elements in Medicine and Biology*, **2018**, 47, 134-139	4.1	8
15	Applications of emulsified systems in elemental analysis by spectroanalytical techniques. *Applied Spectroscopy Reviews*, **2017**, 52, 729-753	4.5	7
14	Development of a Method Based on Slurry Sampling for Determining Ca, Fe, and Zn in Coffee Samples by Flame Atomic Absorption Spectrometry. *Food Analytical Methods*, **2020**, 13, 203-211	3.4	7
13	Extraction induced by emulsion breaking for As, Se and Hg determination in crude palm oil by vapor generation-AFS. *Food Chemistry*, **2020**, 318, 126473	8.5	6
12	Evaluation of the use of Leptodactylus ocellatus (Anura: Leptodactylidae) frog tissues as bioindicator of metal contamination in Contas River, Northeastern Brazil. *Anais Da Academia Brasileira De Ciencias*, **2014**, 86, 1549-61	1.4	6
11	Analytical strategies for spectrometric determination of vanadium in samples of interest in the petroleum industry. *Applied Spectroscopy Reviews*, **2020**, 55, 128-157	4.5	6
10	Doehlert design in the optimization of ultrasound assisted dissolution of fish fillet samples with tetramethyl ammonium hydroxide for metals determination using FAAS. *Food Chemistry*, **2019**, 273, 71-76	8.5	5
9	Recent developments in the application of cloud point extraction as procedure for speciation of trace elements. *Applied Spectroscopy Reviews*,1-15	4.5	4
8	An alkaline dissolution-based method using tetramethylammonium hydroxide for metals determination in cow milk samples. *Food Chemistry*, **2021**, 334, 127559	8.5	3
7	Strategies to Make Methods Based on Flow Injection Analysis Greener. *Clean - Soil, Air, Water*, **2020**, 48, 2000007	1.6	2
6	Extraction Induced by Emulsion Breaking for Ca, Fe, Mg, and Zn Determination in Edible Oils Using High-Resolution Continuous Source Flame Atomic Absorption Spectrometry. *Food Analytical Methods*,1	3.4	1
5	Characterization, fractionation and mobility of trace elements in surface sediments of the Jequiezinho River, Bahia, Brazil. *Anais Da Academia Brasileira De Ciencias*, **2020**, 92, e20190558	1.4	1
4	Doehlert design in the optimization of procedures aiming food analysis - A review. *Food Chemistry*, **2021**, 364, 130429	8.5	1

3	Multivariate analysis for the quantitative characterization of bioactive compounds in "taioba" (Xanthosoma sagittifolium) from Brazil. *Journal of Food Measurement and Characterization*,1	2.8	0
2	Lower calcium levels in hair of Parkinson's disease patients are associated with presence of sleeping disturbances. *Nutritional Neuroscience*, **2021**, 1-11	3.6	
1	Multivariate optimization of a goat meat alkaline solubilization procedure using tetramethylammonium hydroxide for metals determination using FAAS. *Food Chemistry*, **2021**, 362, 130176	8.5	