

Marcos A Bezerra

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Lower calcium levels in hair of Parkinson's disease patients are associated with presence of sleeping disturbances. <i>Nutritional Neuroscience</i> , 2021 , 1-11	3.6	
19	An alkaline dissolution-based method using tetramethylammonium hydroxide for metals determination in cow milk samples. <i>Food Chemistry</i> , 2021 , 334, 127559	8.5	3
18	Multivariate optimization of a goat meat alkaline solubilization procedure using tetramethylammonium hydroxide for metals determination using FAAS. <i>Food Chemistry</i> , 2021 , 362, 130175	8.5	5
17	Doehlert design in the optimization of procedures aiming food analysis - A review. <i>Food Chemistry</i> , 2021 , 364, 130429	8.5	1
16	Strategies to Make Methods Based on Flow Injection Analysis Greener. <i>Clean - Soil, Air, Water</i> , 2020 , 48, 2000007	1.6	2
15	Extraction induced by emulsion breaking for As, Se and Hg determination in crude palm oil by vapor generation-AFS. <i>Food Chemistry</i> , 2020 , 318, 126473	8.5	6
14	Characterization, fractionation and mobility of trace elements in surface sediments of the Jequezinho River, Bahia, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20190558	1.4	1
13	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. <i>Microchemical Journal</i> , 2020 , 153, 104401	4.8	19
12	Analytical strategies for spectrometric determination of vanadium in samples of interest in the petroleum industry. <i>Applied Spectroscopy Reviews</i> , 2020 , 55, 128-157	4.5	6
11	Development of a Method Based on Slurry Sampling for Determining Ca, Fe, and Zn in Coffee Samples by Flame Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2020 , 13, 203-211	3.4	7
10	Simultaneous optimization of multiple responses and its application in Analytical Chemistry - A review. <i>Talanta</i> , 2019 , 194, 941-959	6.2	56
9	Doehlert design in the optimization of ultrasound assisted dissolution of fish fillet samples with tetramethyl ammonium hydroxide for metals determination using FAAS. <i>Food Chemistry</i> , 2019 , 273, 71-76	8.5	5
8	Hair in Parkinson's disease patients exhibits differences in Calcium, Iron and Zinc concentrations measured by flame atomic absorption spectrometry - FAAS. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 47, 134-139	4.1	8
7	Applications of emulsified systems in elemental analysis by spectroanalytical techniques. <i>Applied Spectroscopy Reviews</i> , 2017 , 52, 729-753	4.5	7
6	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. <i>Microchemical Journal</i> , 2016 , 129, 318-324	4.8	22
5	Evaluation of the use of <i>Leptodactylus ocellatus</i> (Anura: Leptodactylidae) frog tissues as bioindicator of metal contamination in Contas River, Northeastern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014 , 86, 1549-61	1.4	6
4	Response surface methodology (RSM) as a tool for optimization in analytical chemistry. <i>Talanta</i> , 2008 , 76, 965-77	6.2	3310

3	Extraction Induced by Emulsion Breaking for Ca, Fe, Mg, and Zn Determination in Edible Oils Using High-Resolution Continuous Source Flame Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> ,1	3.4	1
2	Multivariate analysis for the quantitative characterization of bioactive compounds in "aioba" (Xanthosoma sagittifolium) from Brazil. <i>Journal of Food Measurement and Characterization</i> ,1	2.8	0
1	Recent developments in the application of cloud point extraction as procedure for speciation of trace elements. <i>Applied Spectroscopy Reviews</i> ,1-15	4.5	4