

Lindomar Andrade Portugal

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27
papers

2,271
citations

16
h-index

27
g-index

27
ext. papers

2,578
ext. citations

5.7
avg, IF

4.15
L-index

#	Paper	IF	Citations
27	Box-Behnken design: an alternative for the optimization of analytical methods. <i>Analytica Chimica Acta</i> , 2007 , 597, 179-86	6.6	1678
26	Accelerated solvent extraction of phenolic compounds exploiting a Box-Behnken design and quantification of five flavonoids by HPLC-DAD in <i>Passiflora</i> species. <i>Microchemical Journal</i> , 2017 , 132, 28-35	4.8	68
25	Simultaneous pre-concentration procedure for the determination of cadmium and lead in drinking water employing sequential multi-element flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2007 , 87, 77-80	4.8	62
24	Pre-concentration procedure for determination of copper and zinc in food samples by sequential multi-element flame atomic absorption spectrometry. <i>Talanta</i> , 2008 , 77, 73-6	6.2	60
23	Determination of mercury in rice by MSFIA and cold vapour atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2013 , 137, 159-63	8.5	37
22	Submicrometric Magnetic Nanoporous Carbons Derived from Metal-Organic Frameworks Enabling Automated Electromagnet-Assisted Online Solid-Phase Extraction. <i>Analytical Chemistry</i> , 2016 , 88, 6990-3	7.8	34
21	On-line lab-in-syringe cloud point extraction for the spectrophotometric determination of antimony. <i>Talanta</i> , 2016 , 148, 694-9	6.2	33
20	Determination of cadmium in rice by electrothermal atomic absorption spectrometry using aluminum as permanent modifier. <i>Analytical Methods</i> , 2011 , 3, 2495	3.2	27
19	Development of a MSFIA system for sequential determination of antimony, arsenic and selenium using hydride generation atomic fluorescence spectrometry. <i>Talanta</i> , 2016 , 156-157, 29-33	6.2	27
18	An evaluation of the bioaccessibility of arsenic in corn and rice samples based on cloud point extraction and hydride generation coupled to atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2016 , 204, 475-482	8.5	25
17	A Multiple Response Function for Optimization of Analytical Strategies Involving Multi-elemental Determination. <i>Current Analytical Chemistry</i> , 2016 , 12, 94-101	1.7	24
16	On line automated system for the determination of Sb(V), Sb(III), trimethyl antimony(v) and total antimony in soil employing multisyringe flow injection analysis coupled to HG-AFS. <i>Talanta</i> , 2017 , 165, 502-507	6.2	22
15	A portable multi-syringe flow system for spectrofluorimetric determination of iodide in seawater. <i>Talanta</i> , 2015 , 144, 1155-62	6.2	22
14	A photo-oxidation procedure using UV radiation/H ₂ O ₂ for decomposition of wine samples □ Determination of iron and manganese content by flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009 , 64, 601-604	3.1	20
13	Use of multiresponse statistical techniques to optimize the separation of diosmin, hesperidin, diosmetin and hesperitin in different pharmaceutical preparations by high performance liquid chromatography with UV-DAD. <i>Talanta</i> , 2017 , 167, 695-702	6.2	18
12	A non-chromatographic automated system for antimony speciation in natural water exploiting multisyringe flow injection analysis coupled with online hydride generation □ atomic fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1133-1141	3.7	17
11	Parabens determination in cosmetic and personal care products exploiting a multi-syringe chromatographic (MSC) system and chemiluminescent detection. <i>Talanta</i> , 2015 , 143, 254-262	6.2	15

10	Multisyringe flow injection analysis in spectroanalytical techniques – A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 1-18	14.6	15
9	Arsenic fractionation in agricultural soil using an automated three-step sequential extraction method coupled to hydride generation-atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , 2015 , 874, 1-10	6.6	14
8	Pressure-driven mesofluidic platform integrating automated on-chip renewable micro-solid-phase extraction for ultrasensitive determination of waterborne inorganic mercury. <i>Talanta</i> , 2013 , 110, 58-65	6.2	11
7	Evaluation and Application of the Internal Standard Technique for the Direct Determination of Copper in Fruit Juices Employing Fast Sequential Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2008 , 41, 1571-1578	2.2	11
6	Aluminium as chemical modifier for the determination of lead in sugar cane spirits using electrothermal atomic absorption spectrometry. <i>Analytical Methods</i> , 2011 , 3, 1168	3.2	10
5	Determination of lead in aluminum and magnesium antacids using electrothermal atomic absorption spectrometry. <i>Microchemical Journal</i> , 2011 , 98, 29-31	4.8	9
4	Multi-commuted flow system for cadmium determination in natural water by cold vapour atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 2398-2404	3.7	8
3	Preparation and characterization of a new reference material for the inorganic analysis of corn flour. <i>Accreditation and Quality Assurance</i> , 2017 , 22, 37-43	0.7	4
2	State of the art of the methods proposed for selenium speciation analysis by CVG-AFS. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 116617	14.6	0
1	Simple and Fast Two-Step Fully Automated Methodology for the Online Speciation of Inorganic Antimony Coupled to ICP-MS. <i>Chemosensors</i> , 2022 , 10, 139	4	