

Lindomar Andrade Portugal

List of Publications by Year in descending order

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27
papers

2,949
citations

393982

19
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

3970
citing authors

#	ARTICLE	IF	CITATIONS
1	Box-Behnken design: An alternative for the optimization of analytical methods. <i>Analytica Chimica Acta</i> , 2007, 597, 179-186.	2.6	2,226
2	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.	2.3	97
3	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.	2.3	68
4	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, 73-76.	2.9	65
5	Determination of mercury in rice by MSFIA and cold vapour atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2013, 137, 159-163.	4.2	45
6	Submicrometric Magnetic Nanoporous Carbons Derived from Metal-Organic Frameworks Enabling Automated Electromagnet-Assisted Online Solid-Phase Extraction. <i>Analytical Chemistry</i> , 2016, 88, 6990-6995.	3.2	43
7	On-line lab-in-syringe cloud point extraction for the spectrophotometric determination of antimony. <i>Talanta</i> , 2016, 148, 694-699.	2.9	38
8	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.	2.9	36
9	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.	4.2	31
10	A Multiple Response Function for Optimization of Analytical Strategies Involving Multi-elemental Determination. <i>Current Analytical Chemistry</i> , 2016, 12, 94-101.	0.6	31
11	Determination of cadmium in rice by electrothermal atomic absorption spectrometry using aluminum as permanent modifier. <i>Analytical Methods</i> , 2011, 3, 2495.	1.3	29
12	A portable multi-syringe flow system for spectrofluorimetric determination of iodide in seawater. <i>Talanta</i> , 2015, 144, 1155-1162.	2.9	26
13	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.	1.5	23
14	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.	2.9	23
15	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.	2.9	23
16	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.	1.6	20
17	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.	2.6	20
18	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.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Multisyringe flow injection analysis in spectroanalytical techniques – A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 1-18.	5.8	19
20	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.	2.9	12
21	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.	1.0	11
22	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.	1.6	11
23	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.	1.3	10
24	Determination of lead in aluminum and magnesium antacids using electrothermal atomic absorption spectrometry. <i>Microchemical Journal</i> , 2011, 98, 29-31.	2.3	10
25	State of the art of the methods proposed for selenium speciation analysis by CVG-AFS. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 152, 116617.	5.8	7
26	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.	0.4	4
27	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.	1.8	2