

Geisamanda Pedrini Brando

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29
papers

578
citations

13
h-index

23
g-index

34
ext. papers

633
ext. citations

3.6
avg, IF

3.38
L-index

#	Paper	IF	Citations
29	The determination of trace elements in crude oil and its heavy fractions by atomic spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007 , 62, 939-951	3.1	127
28	Determination of Na, K, Ca and Mg in biodiesel samples by flame atomic absorption spectrometry (F AAS) using microemulsion as sample preparation. <i>Microchemical Journal</i> , 2010 , 96, 180-185	4.8	52
27	Determination of mercury in gasoline by cold vapor atomic absorption spectrometry with direct reduction in microemulsion media. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005 , 60, 625-631	3.1	41
26	Determination of copper, iron and vanadium in petroleum by direct sampling electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007 , 62, 962-969	3.1	40
25	Determination of arsenic in diesel, gasoline and naphtha by graphite furnace atomic absorption spectrometry using microemulsion medium for sample stabilization. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 385, 1562-9	4.4	35
24	Evaluation and determination of chloride in crude oil based on the counterions Na, Ca, Mg, Sr and Fe, quantified via ICP-OES in the crude oil aqueous extract. <i>Fuel</i> , 2015 , 154, 181-187	7.1	29
23	Extraction induced by emulsion breaking for determination of Ba, Ca, Mg and Na in crude oil by inductively coupled plasma optical emission spectrometry. <i>Microchemical Journal</i> , 2016 , 124, 338-343	4.8	27
22	Determination of manganese in diesel, gasoline and naphtha by graphite furnace atomic absorption spectrometry using microemulsion medium for sample stabilization. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008 , 63, 880-884	3.1	27
21	Gunshot residues (GSR) analysis of clean range ammunition using SEM/EDX, colorimetric test and ICP-MS: A comparative approach between the analytical techniques. <i>Microchemical Journal</i> , 2016 , 129, 339-347	4.8	26
20	Composition analysis of the cathode active material of spent Li-ion batteries leached in citric acid solution: A study to monitor and assist recycling processes. <i>Science of the Total Environment</i> , 2019 , 685, 589-595	10.2	23
19	Direct determination of nickel in petroleum by solid sampling-graphite furnace atomic absorption spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 2249-53	4.4	23
18	Direct determination of phosphorus in biodiesel samples by graphite furnace atomic absorption spectrometry using a solid sampling accessory. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 1262 ^{3.7}	3.7	20
17	Exploratory data analysis using API gravity and V and Ni contents to determine the origins of crude oil samples from petroleum fields in the Espírito Santo Basin (Brazil). <i>Microchemical Journal</i> , 2016 , 124, 26-30	4.8	15
16	Determination of Ca, Mg, Sr and Ba in crude oil samples by atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1568	3.7	13
15	Metals determination in crude oil by inductively coupled plasma optical emission spectrometry using nanoemulsification as sample preparation. <i>Fuel</i> , 2019 , 244, 352-358	7.1	9
14	Trace elements in soil, lichens, and mosses from Fildes Peninsula, Antarctica: spatial distribution and possible origins. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	9
13	Quantification of paramagnetic ions in solution using time domain NMR. PROS and CONS to optical emission spectrometry method. <i>Microchemical Journal</i> , 2018 , 137, 204-207	4.8	8

12	Multielement analysis of crude oil produced water by ICP OES after acid digestion assisted by microwave. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1154-1160	3.7	7
11	Acute toxicity of the water-soluble fraction of diesel in <i>Prochilodus vimboides</i> Kner (Characiformes: Prochilodontidae). <i>Neotropical Ichthyology</i> , 2013 , 11, 193-198	1.3	7
10	Methylmercury determination using a hyphenated high performance liquid chromatography ultraviolet cold vapor multipath atomic absorption spectrometry system. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009 , 64, 506-512	3.1	7
9	Acute copper toxicity in juvenile fat snook <i>Centropomus parallelus</i> (Teleostei: Centropomidae) in sea water. <i>Neotropical Ichthyology</i> , 2014 , 12, 845-852	1.3	6
8	High performance liquid chromatography hydride generation in situ trapping graphite furnace atomic absorption spectrometry: A new way of performing speciation analysis using GFAAS as detector. <i>Microchemical Journal</i> , 2006 , 84, 26-30	4.8	6
7	Comparison of different pre-treatment procedures for the determination of chromium in crude oil samples by GF AAS. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 1421-1428	1.5	5
6	Preparation of a reference material for crude oil trace elements: Study of homogeneity and stability. <i>Microchemical Journal</i> , 2020 , 155, 104799	4.8	4
5	Avaliaço dos teores de Pb, Cd, Sn, Co, Hg, Mo e As em solos da pennsula Fildes - Antrtica. <i>Qumica Nova</i> ,	1.6	4
4	Cor ASTM: um mtodo simples e rpido para determinar a qualidade do biodiesel produzido a partir de los residuais de fritura. <i>Qumica Nova</i> , 2013 , 36, 587-592	1.6	3
3	Chemical characterization of the soils from black pepper (<i>Piper nigrum</i> L.) cultivation using principal component analysis (PCA) and Kohonen self-organizing map (KSOM). <i>Journal of Soils and Sediments</i> , 2021 , 21, 3098-3106	3.4	2
2	The influence of beach geology and morphodynamics on chemical pollution assessments following a mining accident. <i>Marine Pollution Bulletin</i> , 2021 , 174, 113230	6.7	1
1	The effects of drying methods and harvest season on piperine, essential oil composition, and multi-elemental composition of black pepper.. <i>Food Chemistry</i> , 2022 , 390, 133148	8.5	0