Maria Goreti Rodrigues Vale

List of Publications by Year
in descending order

27 papers	1,028 citations	471509 17 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	713 citing authors

#	Article	IF	Citations
1	Current Status of Direct Solid Sampling for Electrothermal Atomic Absorption Spectrometryâ€"A Critical Review of the Development between 1995 and 2005. Applied Spectroscopy Reviews, 2006, 41, 377-400.	6.7	138
2	Progress in direct solid sampling analysis using line source and high-resolution continuum source electrothermal atomic absorption spectrometry. Analytical and Bioanalytical Chemistry, 2007, 389, 2085-2095.	3.7	98
3	High-Resolution Continuum Source Atomic and Molecular Absorption Spectrometryâ€"A Review. Applied Spectroscopy Reviews, 2010, 45, 327-354.	6.7	87
4	Method development for the determination of manganese, cobalt and copper in green coffee comparing direct solid sampling electrothermal atomic absorption spectrometry and inductively coupled plasma optical emission spectrometry. Talanta, 2007, 73, 862-869.	5.5	85
5	High-resolution continuum-source atomic absorption spectrometry: what can we expect?. Journal of the Brazilian Chemical Society, 2003, 14, 220-229.	0.6	69
6	High-resolution continuum source electrothermal atomic absorption spectrometry â€" An analytical and diagnostic tool for trace analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 873-883.	2.9	58
7	Determination of cadmium and lead in plastic material from waste electronic equipment using solid sampling graphite furnace atomic absorption spectrometry. Microchemical Journal, 2010, 96, 102-107.	4.5	47
8	Method development for the determination of cadmium in fertilizer samples using high-resolution continuum source graphite furnace atomic absorption spectrometry and slurry sampling. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 529-535.	2.9	47
9	Simultaneous Determination of Cd and Fe in Beans and Soil of Different Regions of Brazil Using High-Resolution Continuum Source Graphite Furnace Atomic Absorption Spectrometry and Direct Solid Sampling. Journal of Agricultural and Food Chemistry, 2009, 57, 10089-10094.	5.2	39
10	Method development for the determination of chromium and thallium in fertilizer samples using graphite furnace atomic absorption spectrometry and direct solid sample analysis. Microchemical Journal, 2015, 119, 169-175.	4.5	35
11	Sequential determination of Cd and Cr in biomass samples and their ashes using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Talanta, 2013, 115, 55-60.	5.5	34
12	Determination of lead in biomass and products of the pyrolysis process by direct solid or liquid sample analysis using HR-CS GF AAS. Talanta, 2016, 146, 166-174.	5.5	33
13	Determination of copper and mercury in phosphate fertilizers employing direct solid sampling analysis and high resolution continuum source graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 114, 58-64.	2.9	32
14	Investigation of chemical modifiers for the determination of lead in fertilizers and limestone using graphite furnace atomic absorption spectrometry with Zeeman-effect background correction and slurry sampling. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 92, 1-8.	2.9	28
15	Simultaneous determination of nickel and iron in vegetables of Solanaceae family using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Microchemical Journal, 2017, 133, 162-167.	4.5	25
16	Determination of Pb and Cr in sunscreen samples by high-resolution continuum source graphite furnace atomic absorption spectrometry and direct analysis. Microchemical Journal, 2016, 128, 89-94.	4.5	22
17	Investigation of spectral interferences in the determination of lead in fertilizers and limestone samples using high-resolution continuum source graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 101, 213-219.	2.9	19
18	Fast Sequential Determination of Zn, Fe, Mg, Ca, Na, and K in Infant Formulas by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry Using Ultrasound-Assisted Extraction. Food Analytical Methods, 2019, 12, 1420-1428.	2.6	18

#	Article	IF	Citations
19	Development of methods for the determination of cadmium and thallium in oil shale by-products with graphite furnace atomic absorption spectrometry using direct analysis. Microchemical Journal, 2014, 116, 55-61.	4.5	17
20	Development of analytical methods for the determination of copper and manganese in infant formula using high resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Analytical Methods, 2017, 9, 2321-2327.	2.7	17
21	Determination of cadmium, chromium and copper in vegetables of the Solanaceae family using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Analytical Methods, 2017, 9, 329-337.	2.7	17
22	Direct determination of arsenic in petroleum derivatives by graphite furnace atomic absorption spectrometry: A comparison between filter and platform atomizers. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 345-351.	2.9	16
23	Determination of silicon in plant materials using direct solid sample analysis with high-resolution continuum source graphite furnace atomic absorption spectrometry. Microchemical Journal, 2016, 124, 380-385.	4.5	15
24	Determination of silicon in biomass and products of pyrolysis process via high-resolution continuum source atomic absorption spectrometry. Talanta, 2018, 179, 828-835.	5.5	13
25	Investigation of spectral interference in the determination of Pb in road dust using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Journal of Analytical Atomic Spectrometry, 2018, 33, 593-602.	3.0	11
26	Determination of Cr, Cu and Pb in industrial waste of oil shale using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Analytical Methods, 2018, 10, 3645-3653.	2.7	7
27	Sulfur determination using the SiS diatomic molecule via HR-CS GF MAS and direct analysis of solid samples: A versatile method for different matrices. Talanta, 2020, 220, 121337.	5.5	1