

# Maria Goreti Rodrigues Vale

## List of Publications by Year in descending order

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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	Sulfur determination using the SiS diatomic molecule via HR-CS GF MAS and direct analysis of solid samples: A versatile method for different matrices. <i>Talanta</i> , 2020, 220, 121337.	5.5	1
2	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. <i>Food Analytical Methods</i> , 2019, 12, 1420-1428.	2.6	18
3	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 593-602.	3.0	11
4	Determination of silicon in biomass and products of pyrolysis process via high-resolution continuum source atomic absorption spectrometry. <i>Talanta</i> , 2018, 179, 828-835.	5.5	13
5	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. <i>Analytical Methods</i> , 2018, 10, 3645-3653.	2.7	7
6	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. <i>Analytical Methods</i> , 2017, 9, 2321-2327.	2.7	17
7	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. <i>Microchemical Journal</i> , 2017, 133, 162-167.	4.5	25
8	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. <i>Analytical Methods</i> , 2017, 9, 329-337.	2.7	17
9	Determination of Pb and Cr in sunscreen samples by high-resolution continuum source graphite furnace atomic absorption spectrometry and direct analysis. <i>Microchemical Journal</i> , 2016, 128, 89-94.	4.5	22
10	Determination of lead in biomass and products of the pyrolysis process by direct solid or liquid sample analysis using HR-CS GF AAS. <i>Talanta</i> , 2016, 146, 166-174.	5.5	33
11	Determination of silicon in plant materials using direct solid sample analysis with high-resolution continuum source graphite furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2016, 124, 380-385.	4.5	15
12	Determination of copper and mercury in phosphate fertilizers employing direct solid sampling analysis and high resolution continuum source graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 114, 58-64.	2.9	32
13	Method development for the determination of chromium and thallium in fertilizer samples using graphite furnace atomic absorption spectrometry and direct solid sample analysis. <i>Microchemical Journal</i> , 2015, 119, 169-175.	4.5	35
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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 92, 1-8.	2.9	28
15	Development of methods for the determination of cadmium and thallium in oil shale by-products with graphite furnace atomic absorption spectrometry using direct analysis. <i>Microchemical Journal</i> , 2014, 116, 55-61.	4.5	17
16	Investigation of spectral interferences in the determination of lead in fertilizers and limestone samples using high-resolution continuum source graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 101, 213-219.	2.9	19
17	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. <i>Talanta</i> , 2013, 115, 55-60.	5.5	34
18	Method development for the determination of cadmium in fertilizer samples using high-resolution continuum source graphite furnace atomic absorption spectrometry and slurry sampling. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 529-535.	2.9	47

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19	Direct determination of arsenic in petroleum derivatives by graphite furnace atomic absorption spectrometry: A comparison between filter and platform atomizers. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 345-351.	2.9	16
20	High-Resolution Continuum Source Atomic and Molecular Absorption Spectrometry – A Review. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 327-354.	6.7	87
21	Determination of cadmium and lead in plastic material from waste electronic equipment using solid sampling graphite furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2010, 96, 102-107.	4.5	47
22	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. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10089-10094.	5.2	39
23	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. <i>Talanta</i> , 2007, 73, 862-869.	5.5	85
24	Progress in direct solid sampling analysis using line source and high-resolution continuum source electrothermal atomic absorption spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2085-2095.	3.7	98
25	High-resolution continuum source electrothermal atomic absorption spectrometry – An analytical and diagnostic tool for trace analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 873-883.	2.9	58
26	Current Status of Direct Solid Sampling for Electrothermal Atomic Absorption Spectrometry – A Critical Review of the Development between 1995 and 2005. <i>Applied Spectroscopy Reviews</i> , 2006, 41, 377-400.	6.7	138
27	High-resolution continuum-source atomic absorption spectrometry: what can we expect?. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 220-229.	0.6	69