

# Nuria RodrÃ-guez FariÃ±as

## List of Publications by Year in descending order

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29  
papers

652  
citations

516215

16  
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580395

25  
g-index

29  
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29  
docs citations

29  
times ranked

866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening-confirmation strategy for nanomaterials involving spectroscopic analytical techniques and its application to the control of silver nanoparticles in pastry samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119015.	2.0	5
2	A method based on asymmetric flow field flow fractionation hyphenated to inductively coupled plasma mass spectrometry for the monitoring of platinum nanoparticles in water samples. <i>Talanta</i> , 2021, 222, 121513.	2.9	18
3	Speciation of platinum nanoparticles in different cell culture media by HPLC-ICP-TQ-MS and complementary techniques: A contribution to toxicological assays. <i>Analytica Chimica Acta</i> , 2021, 1182, 338935.	2.6	9
4	Temporal variability measurements of PM <sub>2.5</sub> and its associated metals and microorganisms on a suburban atmosphere in the central Iberian Peninsula. <i>Environmental Research</i> , 2020, 191, 110220.	3.7	10
5	AF4-ICP-MS as a powerful tool for the separation of gold nanorods and nanospheres. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1530-1536.	1.6	7
6	Screening and Preliminary Biochemical and Biological Studies of [RuCl( <i>p</i> -cymene)( <i>N</i> , <i>N</i> -bis(diphenylphosphino)-isopropylamine)] <sup>4+</sup> in Breast Cancer Models. <i>ACS Omega</i> , 2019, 4, 13005-13014.	1.6	7
7	Analytical strategy based on asymmetric flow field flow fractionation hyphenated to ICP-MS and complementary techniques to study gold nanoparticles transformations in cell culture medium. <i>Analytica Chimica Acta</i> , 2019, 1053, 178-185.	2.6	28
8	Methodology for monitoring gold nanoparticles and dissolved gold species in culture medium and cells used for nanotoxicity tests by liquid chromatography hyphenated to inductively coupled plasma-mass spectrometry. <i>Talanta</i> , 2017, 164, 451-457.	2.9	33
9	Geno- and cytotoxicity induced on <i>Cyprinus carpio</i> by aluminum, iron, mercury and mixture thereof. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 98-105.	2.9	19
10	Mercury and selenium binding biomolecules in terrestrial mammals ( <i>Cervus elaphus</i> and <i>Sus scrofa</i> ) from a mercury exposed area. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 159-166.	1.2	8
11	Analysis of silica nanoparticles by capillary electrophoresis coupled to an evaporative light scattering detector. <i>Analytica Chimica Acta</i> , 2016, 923, 82-88.	2.6	23
12	Mercury species accumulation and trophic transfer in biological systems using the Almadén mining district (Ciudad Real, Spain) as a case of study. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6074-6081.	2.7	14
13	The Role of Earthworms in Mercury Pollution Soil Assessment. <i>Handbook of Environmental Chemistry</i> , 2014, , 159-174.	0.2	0
14	Mercury speciation analysis in terrestrial animal tissues. <i>Talanta</i> , 2012, 99, 859-864.	2.9	17
15	Mercury exposure and mechanism of response in large game using the Almadén mercury mining area (Spain) as a case study. <i>Environmental Research</i> , 2012, 112, 58-66.	3.7	37
16	Biospeciation of tungsten in the serum of diabetic and healthy rats treated with the antidiabetic agent sodium tungstate. <i>Talanta</i> , 2011, 84, 1011-1018.	2.9	11
17	Mercury speciation in whole blood by gas chromatography coupled to ICP-MS with a fast microwave-assisted sample preparation procedure. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 436-442.	1.6	39
18	Comparison of gas chromatographic hyphenated techniques for mercury speciation analysis. <i>Journal of Chromatography A</i> , 2011, 1218, 4545-4551.	1.8	55

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19	Multiresidue determination of organochlorines in fish oil by GC-MS: A new strategy in the sample preparation. <i>Talanta</i> , 2010, 81, 887-893.	2.9	16
20	Study of tungstate-protein interaction in human serum by LC-ICP-MS and MALDI-TOF. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 29-35.	1.9	18
21	Development and validation of an analytical methodology for the determination of p,p'-DDT, p,p'-DDE and p,p'-DDD in fish oil pills. <i>Microchemical Journal</i> , 2007, 86, 183-188.	2.3	3
22	Voltammetric determination of Imatinib (Gleevec) and its main metabolite using square-wave and adsorptive stripping square-wave techniques in urine samples. <i>Talanta</i> , 2005, 66, 202-209.	2.9	24
23	Voltammetric Behavior of Mifepristone (RU-486) Using Square-Wave and Adsorptive Stripping-Wave Techniques. Determination in Urine Samples. <i>Electroanalysis</i> , 2004, 16, 661-666.	1.5	5
24	Determination of sildenafil citrate (viagra) and its metabolite (UK-103,320) by square-wave and adsorptive stripping square-wave voltammetry. Total determination in biological samples. <i>Talanta</i> , 2004, 62, 427-432.	2.9	28
25	Direct and fast capillary zone electrophoretic method for the determination of Gleevec and its main metabolite in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 381-388.	1.2	24
26	Determination of sildenafil citrate and its main metabolite by sample stacking with polarity switching using micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2002, 953, 279-286.	1.8	42
27	Micellar electrokinetic capillary chromatography for the determination of Viagra and its metabolite (UK-103,320) in human serum. <i>Electrophoresis</i> , 2001, 22, 2004-2009.	1.3	17
28	Spectrophotometric resolution of ternary mixtures of Tartrazine, Patent Blue V and Indigo Carmine in commercial products. <i>Analytica Chimica Acta</i> , 1999, 391, 353-364.	2.6	93
29	Simultaneous spectrophotometric determination of tartrazine, patent blue V, and indigo carmine in commercial products by partial least squares and principal component regression methods. <i>Talanta</i> , 1999, 48, 895-903.	2.9	42