

Maria Dolores Galindo-Riaño

List of Publications by Year in descending order

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45
papers

1,098
citations

516710

16
h-index

395702

33
g-index

45
all docs

45
docs citations

45
times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioavailability of heavy metals monitoring water, sediments and fish species from a polluted estuary. <i>Journal of Hazardous Materials</i> , 2009, 162, 823-836.	12.4	212
2	Assessment of the metal pollution, potential toxicity and speciation of sediment from Algeciras Bay (South of Spain) using chemometric tools. <i>Journal of Hazardous Materials</i> , 2011, 190, 177-187.	12.4	141
3	Oxidative stress biomarkers in Senegal sole, <i>Solea senegalensis</i> , to assess the impact of heavy metal pollution in a Huelva estuary (SW Spain): Seasonal and spatial variation. <i>Ecotoxicology and Environmental Safety</i> , 2012, 75, 151-162.	6.0	100
4	Using chemometric tools to assess anthropogenic effects in river water. <i>Analytica Chimica Acta</i> , 2004, 515, 143-149.	5.4	88
5	Selective Chemosensor for Copper Ions Based on Fluorescence Quenching of a Schiff-Base Fluorophore. <i>Applied Spectroscopy</i> , 2010, 64, 727-732.	2.2	39
6	Separation and preconcentration of cadmium ions in natural water using a liquid membrane system with 2-acetylpyridine benzoylhydrazone as carrier by flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004, 59, 577-583.	2.9	35
7	Biomarkers responses in muscle of Senegal sole (<i>Solea senegalensis</i>) from a heavy metals and PAHs polluted estuary. <i>Marine Pollution Bulletin</i> , 2012, 64, 2097-2108.	5.0	35
8	Experimental designs in the development of a new method for the sensitive determination of cadmium in seawater by adsorptive cathodic stripping voltammetry. <i>Analytica Chimica Acta</i> , 2003, 487, 229-241.	5.4	34
9	Determination of ultra-trace amounts of silver in water by differential pulse anodic stripping voltammetry using a new modified carbon paste electrode. <i>Talanta</i> , 2016, 151, 14-22.	5.5	33
10	A new use for an old molecule: N-phenyl-2-(2-hydroxynaphthalen-1-ylmethylene)hydrazinecarbothioamide as a ratiometric fluorescent probe for iron. <i>Tetrahedron Letters</i> , 2012, 53, 670-673.	1.4	30
11	Histopathological alterations in Senegal sole, <i>Solea Senegalensis</i> , from a polluted Huelva estuary (SW, Spain). <i>Fish Physiology and Biochemistry</i> , 2013, 39, 523-545.	2.3	28
12	Water quality in the tropical Andes hotspot: The Yacuambi river (southeastern Ecuador). <i>Science of the Total Environment</i> , 2018, 633, 50-58.	8.0	28
13	A New Fluorescent Sensor for the Determination of Iron(III) in Semi-Aqueous Solution. <i>Journal of Fluorescence</i> , 2012, 22, 795-798.	2.5	25
14	A permeation liquid membrane system for determination of nickel in seawater. <i>Talanta</i> , 2007, 71, 165-170.	5.5	22
15	Sensitive adsorptive stripping voltammetric method for determination of lead in water using multivariate analysis for optimization. <i>Journal of Hazardous Materials</i> , 2009, 166, 1326-1331.	12.4	22
16	Applicability of a liquid membrane in enrichment and determination of nickel traces from natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 653-659.	3.7	20
17	Design and optimization of a single-use optical sensor based on a polymer inclusion membrane for zinc determination in drinks, food supplement and foot health care products. <i>Materials Science and Engineering C</i> , 2020, 110, 110680.	7.3	17
18	Model experiments to test the use of a liquid membrane for separation and preconcentration of copper from natural water. <i>Analytica Chimica Acta</i> , 2004, 506, 81-86.	5.4	15

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19	Study of the kinetics of the transport of Cu(II), Cd(II) and Ni(II) ions through a liquid membrane. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 779-788.	3.7	15
20	EROD activity and cytochrome P4501A induction in liver and gills of Senegal sole <i>Solea senegalensis</i> from a polluted Huelva Estuary (SW Spain). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 134-144.	2.6	15
21	Biomarker responses of Cu-induced toxicity in European seabass <i>Dicentrarchus labrax</i> : Assessing oxidative stress and histopathological alterations. <i>Marine Pollution Bulletin</i> , 2017, 124, 336-348.	5.0	14
22	Factorial designs applied to the development of a capillary electrophoresis method for the analysis of zinc, sodium, calcium and magnesium in water samples. <i>Talanta</i> , 2003, 59, 775-783.	5.5	13
23	Solid phase extraction of copper traces using poly(styrene-divinylbenzene) membrane disks modified with pyridoxal salicyloylhydrazone in water samples. <i>Talanta</i> , 2012, 100, 432-438.	5.5	13
24	Lead electrochemical speciation analysis in seawater media by using AGNES and SSCP techniques. <i>Environmental Chemistry</i> , 2014, 11, 137.	1.5	13
25	An efficient approach to designing and optimizing the analysis of Ni(II) by AdCSV in seawater. <i>Talanta</i> , 2010, 82, 1749-1756.	5.5	11
26	A separation and preconcentration process for metal speciation using a liquid membrane: A case study for iron speciation in seawater. <i>Marine Chemistry</i> , 2018, 198, 56-63.	2.3	10
27	Disposable optical sensor for Al(III) ions determination by coupled colorimetric solid-phase extraction-reflectance spectroscopy in leachates from cookware, antacids and hygienic care products. <i>Talanta</i> , 2019, 205, 120102.	5.5	9
28	Applicability of 2-Hydroxybenzaldehyde Benzoylhydrazone in the Determination of Trace metals by Adsorptive Cathodic Stripping Voltammetry: Relevancy of Simultaneous Determinations. <i>Analytical Sciences</i> , 2009, 25, 903-909.	1.6	8
29	Determination of total carbonate by ligand exchange. <i>Analyst, The</i> , 1990, 115, 973-975.	3.5	7
30	Trace metal accumulation in tissues of sole (<i>Solea senegalensis</i>) and the relationships with the abiotic environment. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1072-1092.	3.3	7
31	Simple Spectrophotometric Determination of Total Carbonate by Re-Extraction Via Ligand Exchange Using Chloroform Solutions of Uranyl Quinolin-8-Olate. <i>Analytical Letters</i> , 1988, 21, 641-652.	1.8	6
32	Trace metals partitioning among different sedimentary mineral phases and the deposit-feeding polychaete <i>Armandia brevis</i> . <i>Science of the Total Environment</i> , 2016, 543, 248-266.	8.0	6
33	Early genotoxic response and accumulation induced by waterborne copper, lead, and arsenic in European seabass, <i>Dicentrarchus labrax</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 3256-3266.	5.3	6
34	Sensing Cd(II) Using a Disposable Optical Sensor Based on a Schiff Base Immobilisation on a Polymer-Inclusion Membrane. Applications in Water and Art Paint Samples. <i>Polymers</i> , 2021, 13, 4414.	4.5	6
35	Assessing trace-element mobility in Algeciras Bay (Spain) sediments by acid and complexing screening. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2992-3003.	4.9	5
36	Comprehensive Assessment and Potential Ecological Risk of Trace Element Pollution (As, Ni, Co and Tj ETQqO O rgBT /Overlock 10 TF 5 Environmental Research and Public Health, 2021, 18, 7348.	2.6	4

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37	Sherry wine industry by-product as potential biosorbent for the removal of Cr(VI) from aqueous medium. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 12489-12507.	4.6	3
38	Coupling liquid membrane and flow-injection technique as an analytical strategy for copper analysis in saline water. <i>Talanta</i> , 2019, 192, 374-379.	5.5	2
39	Coupled Transport of Pb(II) Ions Through a Bulk Liquid Membrane as a Preconcentration Method for Saline Natural Waters. <i>Current Analytical Chemistry</i> , 2018, 14, 135-144.	1.2	1
40	Spectrophotometric Determination of Trace Amounts of Titanium in Geochemical and Metallurgical Samples. <i>Analytical Letters</i> , 1993, 26, 2649-2660.	1.8	0
41	Improvement of the extraction spectrophotometric determination of total carbonate using uranyl quinolin-8-olate and benzyltributylammonium bromide. <i>Mikrochimica Acta</i> , 1994, 116, 49-55.	5.0	0
42	Colorimetric Solid-Phase Extraction Method for Cu(II) Ion Determination Using 2-Hydroxybenzaldehyde Benzoylhydrazone as Sensing Reagent. <i>Applied Spectroscopy</i> , 2014, 68, 413-420.	2.2	0
43	Development and optimization of a digestion method for heavy metal determination in scleractinian corals by Atomic Absorption Spectrometry (AAS).. <i>Ciencias Marinas</i> , 2003, 29, 413-424.	0.4	0
44	CHEMOMETRIC LEARNING PILLS (CHEMOM-PILLS) APPLIED TO CHEMICAL ANALYSIS IN TIMES OF PANDEMIC BY COVID-19. , 2021, , .		0
45	A PERSONALISED APPROACH IN THE GUIDANCE AND SUPPORT OF COLLEGE STUDENTS AT THE FACULTY OF SCIENCES IN THE UNIVERSITY OF CÁDIZ. <i>INTED Proceedings</i> , 2022, , .	0.0	0