Maria Dolores Galindo-RiaÃ±o

List of Publications by Year
in descending order

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	Sherry wine industry by-product as potential biosorbent for the removal of Cr(VI) from aqueous medium. Biomass Conversion and Biorefinery, 2023, 13, 12489-12507.	4.6	3
2	A PERSONALISED APPROACH IN THE GUIDANCE AND SUPPORT OF COLLEGE STUDENTS AT THE FACULTY OF SCIENCES IN THE UNIVERSITY OF CÃDIZ. INTED Proceedings, 2022, , .	0.0	0
3	Comprehensive Assessment and Potential Ecological Risk of Trace Element Pollution (As, Ni, Co and) Tj ETQq1 1 0.784314 rgBT /Over Environmental Research and Public Health, 2021, 18, 7348.	2.6	4
4	CHEMOMETRIC LEARNING PILLS (CHEMOM-PILLS) APPLIED TO CHEMICAL ANALYSIS IN TIMES OF PANDEMIC BY COVID-19. , 2021, , .		0
5	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. Polymers, 2021, 13, 4414.	4.5	6
6	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. Materials Science and Engineering C, 2020, 110, 110680.	7.3	17
7	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. Talanta, 2019, 205, 120102.	5.5	9
8	Coupling liquid membrane and flow-injection technique as an analytical strategy for copper analysis in saline water. Talanta, 2019, 192, 374-379.	5.5	2
9	Assessing trace-element mobility in Algeciras Bay (Spain) sediments by acid and complexing screening. Arabian Journal of Chemistry, 2019, 12, 2992-3003.	4.9	5
10	Water quality in the tropical Andes hotspot: The Yacuambi river (southeastern Ecuador). Science of the Total Environment, 2018, 633, 50-58.	8.0	28
11	A separation and preconcentration process for metal speciation using a liquid membrane: A case study for iron speciation in seawater. Marine Chemistry, 2018, 198, 56-63.	2.3	10
12	Coupled Transport of Pb(II) Ions Through a Bulk Liquid Membrane as a Preconcentration Method for Saline Natural Waters. Current Analytical Chemistry, 2018, 14, 135-144.	1.2	1
13	Biomarker responses of Cu-induced toxicity in European seabass Dicentrarchus labrax: Assessing oxidative stress and histopathological alterations. Marine Pollution Bulletin, 2017, 124, 336-348.	5.0	14
14	Trace metals partitioning among different sedimentary mineral phases and the deposit-feeding polychaete Armandia brevis. Science of the Total Environment, 2016, 543, 248-266.	8.0	6
15	Determination of ultra-trace amounts of silver in water by differential pulse anodic stripping voltammetry using a new modified carbon paste electrode. Talanta, 2016, 151, 14-22.	5.5	33
16	Early genotoxic response and accumulation induced by waterborne copper, lead, and arsenic in European seabass, Dicentrarchus labrax. Environmental Science and Pollution Research, 2016, 23, 3256-3266.	5.3	6
17	Lead electrochemical speciation analysis in seawater media by using AGNES and SSCP techniques. Environmental Chemistry, 2014, 11, 137.	1.5	13
18	EROD activity and cytochrome P4501A induction in liver and gills of Senegal sole Solea senegalensis from a polluted Huelva Estuary (SW Spain). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 166, 134-144.	2.6	15

#	Article	IF	Citations
19	Colorimetric Solid-Phase Extraction Method for Cu(II) Ion Determination Using 2-Hydroxybenzaldehyde Benzoylhydrazone as Sensing Reagent. Applied Spectroscopy, 2014, 68, 413-420.	2.2	0
20	Histopathological alterations in Senegal sole, Solea Senegalensis, from a polluted Huelva estuary (SW, Spain). Fish Physiology and Biochemistry, 2013, 39, 523-545.	2.3	28
21	Trace metal accumulation in tissues of sole (Solea senegalensis) and the relationships with the abiotic environment. International Journal of Environmental Analytical Chemistry, 2012, 92, 1072-1092.	3.3	7
22	Oxidative stress biomarkers in Senegal sole, Solea senegalensis, to assess the impact of heavy metal pollution in a Huelva estuary (SW Spain): Seasonal and spatial variation. Ecotoxicology and Environmental Safety, 2012, 75, 151-162.	6.0	100
23	Biomarkers responses in muscle of Senegal sole (Solea senegalensis) from a heavy metals and PAHs polluted estuary. Marine Pollution Bulletin, 2012, 64, 2097-2108.	5.0	35
24	Solid phase extraction of copper traces using poly(styrene-divinylbenzene) membrane disks modified with pyridoxal salicyloylhydrazone in water samples. Talanta, 2012, 100, 432-438.	5.5	13
25	A New Fluorescent Sensor for the Determination of Iron(III) in Semi-Aqueous Solution. Journal of Fluorescence, 2012, 22, 795-798.	2.5	25
26	A new use for an old molecule: N-phenyl-2-(2-hydroxynaphthalen-1-ylmethylene)hydrazinecarbothioamide as a ratiometric â€˜Offâ€“Onâ€™ fluorescent probe for iron. Tetrahedron Letters, 2012, 53, 670-673.	1.4	30
27	Assessment of the metal pollution, potential toxicity and speciation of sediment from Algeciras Bay (South of Spain) using chemometric tools. Journal of Hazardous Materials, 2011, 190, 177-187.	12.4	141
28	Selective Chemosensor for Copper Ions Based on Fluorescence Quenching of a Schiff-Base Fluorophore. Applied Spectroscopy, 2010, 64, 727-732.	2.2	39
29	An efficient approach to designing and optimizing the analysis of Ni(II) by AdCSV in seawater. Talanta, 2010, 82, 1749-1756.	5.5	11
30	Bioavailability of heavy metals monitoring water, sediments and fish species from a polluted estuary. Journal of Hazardous Materials, 2009, 162, 823-836.	12.4	212
31	Sensitive adsorptive stripping voltammetric method for determination of lead in water using multivariate analysis for optimization. Journal of Hazardous Materials, 2009, 166, 1326-1331.	12.4	22
32	Applicability of 2-Hydroxybenzaldehyde Benzoylhydrazone in the Determination of Trace metals by Adsorptive Cathodic Stripping Voltammetry: Relevancy of Simultaneous Determinations. Analytical Sciences, 2009, 25, 903-909.	1.6	8
33	Study of the kinetics of the transport of Cu(II), Cd(II) and Ni(II) ions through a liquid membrane. Analytical and Bioanalytical Chemistry, 2008, 391, 779-788.	3.7	15
34	A permeation liquid membrane system for determination of nickel in seawater. Talanta, 2007, 71, 165-170.	5.5	22
35	Applicability of a liquid membrane in enrichment and determination of nickel traces from natural waters. Analytical and Bioanalytical Chemistry, 2007, 389, 653-659.	3.7	20
36	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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 577-583.	2.9	35

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37	Model experiments to test the use of a liquid membrane for separation and preconcentration of copper from natural water. Analytica Chimica Acta, 2004, 506, 81-86.	5.4	15
38	Using chemometric tools to assess anthropogenic effects in river water. Analytica Chimica Acta, 2004, 515, 143-149.	5.4	88
39	Experimental designs in the development of a new method for the sensitive determination of cadmium in seawater by adsorptive cathodic stripping voltammetry. Analytica Chimica Acta, 2003, 487, 229-241.	5.4	34
40	Factorial designs applied to the development of a capillary electrophoresis method for the analysis of zinc, sodium, calcium and magnesium in water samples. Talanta, 2003, 59, 775-783.	5.5	13
41	Development and optimization of a digestion method for heavy metal determination in scleractinian corals by Atomic Absorption Spectrometry (AAS).. Ciencias Marinas, 2003, 29, 413-424.	0.4	0
42	Improvement of the extraction spectrophotometric determination of total carbonate using uranyl quinolin-8-olate and benzyltributylammonium bromide. Mikrochimica Acta, 1994, 116, 49-55.	5.0	0
43	Spectrophotometric Determination of Trace Amounts of Titanium in Geochemical and Metallurgical Samples. Analytical Letters, 1993, 26, 2649-2660.	1.8	0
44	Determination of total carbonate by ligand exchange. Analyst, The, 1990, 115, 973-975.	3.5	7
45	Simple Spectrophotometric Determination of Total Carbonate by Re-Extraction Via Ligand Exchange Using Chloroform Solutions of Uranyl Quinolin-8-Olate. Analytical Letters, 1988, 21, 641-652.	1.8	6