

MarÃ-a Ãngeles Quijano

List of Publications by Year in descending order

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21
papers

728
citations

567281

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citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic and Heavy Metal Uptake and Accumulation in Native Plant Species from Soils Polluted by Mining Activities. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 559-572.	2.4	92
2	Arsenic speciation in edible alga samples by microwave-assisted extraction and high performance liquid chromatography coupled to atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , 2012, 714, 38-46.	5.4	87
3	Selenium speciation in animal tissues after enzymatic digestion by high-performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2000, 35, 878-884.	1.6	70
4	Study of selenium species distribution in biological tissues by size exclusion and ion exchange chromatography inductively coupled plasma-mass spectrometry. <i>Analytica Chimica Acta</i> , 2004, 524, 315-327.	5.4	66
5	Determination of selenocystine, selenomethionine, selenite and selenate by high-performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1996, 11, 407-411.	3.0	55
6	Determination of soluble toxic arsenic species in alga samples by microwave-assisted extraction and high performance liquid chromatography-hydride generation-inductively coupled plasma-atomic emission spectrometry. <i>Journal of Chromatography A</i> , 2006, 1129, 54-60.	3.7	54
7	Fractionation studies of selenium compounds from oysters, and their determination by high-performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 1044-1050.	3.0	47
8	Stability of total selenium and selenium species in lyophilised oysters and in their enzymatic extracts. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 466-476.	3.7	41
9	Controlled Synthesis and Microstructural Properties of Sol-Gel TiO ₂ Nanoparticles for Photocatalytic Cement Composites. <i>Nanomaterials</i> , 2019, 9, 26.	4.1	41
10	Determination of selenium species in human urine by high performance liquid chromatography and inductively coupled plasma mass spectrometry. <i>Talanta</i> , 1999, 50, 165-173.	5.5	37
11	Optimisation of sample treatment for arsenic speciation in alga samples by focussed sonication and ultrafiltration. <i>Talanta</i> , 2006, 68, 1522-1527.	5.5	32
12	Assessment of total arsenic and arsenic species stability in alga samples and their aqueous extracts. <i>Talanta</i> , 2008, 75, 897-903.	5.5	24
13	Accuracy evaluation of ultrasound probe sonication and microwave-assisted extraction systems for rapid single extraction of metals in soils. <i>Analytical Methods</i> , 2014, 6, 8403-8412.	2.7	18
14	Stability of toxic arsenic species and arsenosugars found in the dry alga <i>Hijiki</i> and its water extracts. <i>Talanta</i> , 2014, 128, 83-91.	5.5	18
15	Optimization of flow injection hydride generation inductively coupled plasma mass spectrometry for the determination of selenium in water and serum samples. <i>Journal of Analytical Atomic Spectrometry</i> , 1995, 10, 871-874.	3.0	16
16	Selection of analytical variables to optimize laboratory efforts in future groundwater studies. <i>Analytica Chimica Acta</i> , 1994, 292, 253-261.	5.4	9
17	A Gnotobiotic Model to Examine Plant and Microbiome Contributions to Survival under Arsenic Stress. <i>Microorganisms</i> , 2021, 9, 45.	3.6	7
18	Use of Artificial Neural Networks as a Predictive Tool of Dissolved Oxygen Present in Surface Water Discharged in the Coastal Lagoon of the Mar Menor (Murcia, Spain). <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4531.	2.6	6

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19	Levels of toxic arsenic species in native terrestrial plants from soils polluted by former mining activities. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 604.	3.5	3
20	Rapid metal extractability tests from polluted mining soils by ultrasound probe sonication and microwave-assisted extraction systems. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24567-24577.	5.3	3
21	Bioremediation of Soil Contaminated with Arsenic. <i>Microorganisms for Sustainability</i> , 2019, , 321-351.	0.7	2