MarÃ-a Ãngeles Quijano

List of Publications by Year
in descending order

21 papers	728 citations	567281 15 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	712 citing authors

#	Article	IF	Citations
1	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). International Journal of Environmental Research and Public Health, 2022, 19, 4531.	2.6	6
2	A Gnotobiotic Model to Examine Plant and Microbiome Contributions to Survival under Arsenic Stress. Microorganisms, 2021, 9, 45.	3.6	7
3	Controlled Synthesis and Microstructural Properties of Sol-Gel TiO2 Nanoparticles for Photocatalytic Cement Composites. Nanomaterials, 2019, 9, 26.	4.1	41
4	Bioremediation of Soil Contaminated with Arsenic. Microorganisms for Sustainability, 2019, , 321-351.	0.7	2
5	Rapid metal extractability tests from polluted mining soils by ultrasound probe sonication and microwave-assisted extraction systems. Environmental Science and Pollution Research, 2016, 23, 24567-24577.	5.3	3
6	Accuracy evaluation of ultrasound probe sonication and microwave-assisted extraction systems for rapid single extraction of metals in soils. Analytical Methods, 2014, 6, 8403-8412.	2.7	18
7	Levels of toxic arsenic species in native terrestrial plants from soils polluted by former mining activities. Environmental Sciences: Processes and Impacts, 2014, 16, 604.	3.5	3
8	Stability of toxic arsenic species and arsenosugars found in the dry alga Hijiki and its water extracts. Talanta, 2014, 128, 83-91.	5.5	18
9	Arsenic speciation in edible alga samples by microwave-assisted extraction and high performance liquid chromatography coupled to atomic fluorescence spectrometry. Analytica Chimica Acta, 2012, 714, 38-46.	5.4	87
10	Arsenic and Heavy Metal Uptake and Accumulation in Native Plant Species from Soils Polluted by Mining Activities. Water, Air, and Soil Pollution, 2012, 223, 559-572.	2.4	92
11	Assessment of total arsenic and arsenic species stability in alga samples and their aqueous extracts. Talanta, 2008, 75, 897-903.	5.5	24
12	Optimisation of sample treatment for arsenic speciation in alga samples by focussed sonication and ultrafiltration. Talanta, 2006, 68, 1522-1527.	5.5	32
13	Determination of soluble toxic arsenic species in alga samples by microwave-assisted extraction and high performance liquid chromatographyâ€“hydride generationâ€“inductively coupled plasma-atomic emission spectrometry. Journal of Chromatography A, 2006, 1129, 54-60.	3.7	54
14	Study of selenium species distribution in biological tissues by size exclusion and ion exchange chromatagraphy inductively coupled plasmaâ€“mass spectrometry. Analytica Chimica Acta, 2004, 524, 315-327.	5.4	66
15	Stability of total selenium and selenium species in lyophilised oysters and in their enzymatic extracts. Analytical and Bioanalytical Chemistry, 2002, 374, 466-476.	3.7	41
16	Fractionation studies of selenium compounds from oysters, and their determination by high-performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2001, 16, 1044-1050.	3.0	47
17	Selenium speciation in animal tissues after enzymatic digestion by high-performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. Journal of Mass Spectrometry, 2000, 35, 878-884.	1.6	70
18	Determination of selenium species in human urine by high performance liquid chromatography and inductively coupled plasma mass spectrometry. Talanta, 1999, 50, 165-173.	5.5	37

#	Article	IF	Citations
19	Determination of selenocystine, selenomethionine, selenite and selenate by high-performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 1996, 11, 407-411.	3.0	55
20	Optimization of flow injection hydride generation inductively coupled plasma mass spectrometry for the determination of selenium in water and serum samples. Journal of Analytical Atomic Spectrometry, 1995, 10, 871-874.	3.0	16
21	Selection of analytical variables to optimize laboratory efforts in future groundwater studies. Analytica Chimica Acta, 1994, 292, 253-261.	5.4	9