

Sheila Alves

List of Publications by Year in descending order

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18
papers

297
citations

933447

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888059

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docs citations

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times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc uptake and partitioning in two potato cultivars: implications for biofortification. <i>Plant and Soil</i> , 2021, 463, 601-613.	3.7	8
2	Novel Magneto-Electrochemical Determination of Mn(II). <i>Journal of Electroanalytical Chemistry</i> , 2021, 900, 115734.	3.8	5
3	Novel determination of Cd and Zn in soil extract by sequential application of bismuth and gallium thin films at a modified screen-printed carbon electrode. <i>Analytica Chimica Acta</i> , 2020, 1137, 94-102.	5.4	15
4	Genetic mapping of quantitative trait loci for tuber-cadmium and zinc concentration in potato reveals associations with maturity and both overlapping and independent components of genetic control. <i>Theoretical and Applied Genetics</i> , 2018, 131, 929-945.	3.6	31
5	Roles of shoots and roots in cadmium uptake and distribution in tubers of potato (<i>Solanum</i>) Tj ETQq1 1 0.784314 $\mu\text{g/g}$ /Overlock 10	3.7	10
6	Cadmium uptake and partitioning in potato (<i>Solanum tuberosum</i> L.) cultivars with different tuber-Cd concentration. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27384-27391.	5.3	21
7	A nickel availability study in serpentinised areas of Portugal. <i>Geoderma</i> , 2011, 164, 155-163.	5.1	45
8	Nickel speciation in the xylem sap of the hyperaccumulator <i>Alyssum serpyllifolium</i> ssp. <i>lusitanicum</i> growing on serpentine soils of northeast Portugal. <i>Journal of Plant Physiology</i> , 2011, 168, 1715-1722.	3.5	37
9	Evaluation of measurement uncertainties for the determination of total metal content in soils by atomic absorption spectrometry. <i>Accreditation and Quality Assurance</i> , 2009, 14, 87-93.	0.8	18
10	Toxicokinetics of Waterborne Trivalent Arsenic in the Freshwater Bivalve <i>Corbicula fluminea</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 338-347.	4.1	20
11	Determination of nickel, calcium and magnesium in xylem sap by flame atomic absorption spectrometry using a microsampling technique. <i>Phytochemical Analysis</i> , 2009, 20, 365-371.	2.4	5
12	Effects of exposure to arsenic in <i>Corbicula fluminea</i> : Evaluation of the histological, histochemical and biochemical responses. <i>Ciencias Marinas</i> , 2008, 34, 307-316.	0.4	4
13	Kinetics and Mechanism of Ni(II) Chelation in Model and Real Solutions of Xylem Sap of <i>Quercus ilex</i> . <i>Electroanalysis</i> , 2007, 19, 2351-2361.	2.9	1
14	Toxicological effects and bioaccumulation in the freshwater clam (<i>Corbicula fluminea</i>) following exposure to trivalent arsenic. <i>Environmental Toxicology</i> , 2007, 22, 502-509.	4.0	17
15	Mercury determination by FI-CV-AAS after the degradation of organomercurials with the aid of an ultrasonic field: The important role of the hypochlorite ion. <i>Talanta</i> , 2006, 68, 813-818.	5.5	20
16	Determination of Cd and Pb in biological reference materials by electrothermal atomic absorption spectrometry: A comparison of three ultrasonic-based sample treatment procedures. <i>Talanta</i> , 2006, 68, 1156-1161.	5.5	35
17	Sample treatment with focused ultrasound and bath sonication as a powerful tool for the evaluation of cadmium pollution in estuarine waters. <i>Marine Chemistry</i> , 2006, 98, 286-294.	2.3	0
18	Dynamic Modelling of Nickel Complexation in Xylem Sap of <i>Quercus ilex</i> : A Voltammetric Study. <i>Electroanalysis</i> , 2006, 18, 814-822.	2.9	5