

Margarida Santos

List of Publications by Year in descending order

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61
papers

1,196
citations

361413

20
h-index

414414

32
g-index

62
all docs

62
docs citations

62
times ranked

1745
citing authors

#	ARTICLE	IF	CITATIONS
1	Metals concentrations in transitional and coastal waters by ICPMS and voltammetry analysis of spot samples and passive samplers (DGT). <i>Marine Pollution Bulletin</i> , 2022, 179, 113715.	5.0	7
2	Drivers of Rh and Pt variability in the water column of a hydrodynamic estuary: Effects of contrasting environments. <i>Science of the Total Environment</i> , 2021, 760, 143909.	8.0	3
3	Identification of Antibiotics in Surface-Groundwater. A Tool towards the Ecopharmacovigilance Approach: A Portuguese Case-Study. <i>Antibiotics</i> , 2021, 10, 888.	3.7	21
4	Assessing variability in the ratio of metal concentrations measured by DGT-type passive samplers and spot sampling in European seawaters. <i>Science of the Total Environment</i> , 2021, 783, 147001.	8.0	10
5	Binding of vanadium to human serum transferrin - voltammetric and spectrometric studies. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 211-221.	3.5	24
6	Evaluating trace element bioavailability and potential transfer into marine food chains using immobilised diatom model species <i>Phaeodactylum tricornutum</i> , on King George Island, Antarctica. <i>Marine Pollution Bulletin</i> , 2017, 121, 192-200.	5.0	28
7	Improved voltammetric method for simultaneous determination of Pt and Rh using second derivative signal transformation “ application to environmental samples. <i>Talanta</i> , 2017, 175, 1-8.	5.5	10
8	Trace element contamination and availability in the Fildes Peninsula, King George Island, Antarctica. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 648-657.	3.5	37
9	Behaviour and fate of metals in urban wastewater treatment plants: a review. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 359-386.	3.5	73
10	Effect of the Peptidic Scaffold in Copper(II) Coordination and the Redox Properties of Short Histidine-Containing Peptides. <i>Chemistry - A European Journal</i> , 2015, 21, 13100-13111.	3.3	12
11	Adsorption of Cadmium on Titanium Dioxide Nanoparticles in Freshwater Conditions “ A Chemodynamic Study. <i>Electroanalysis</i> , 2015, 27, 2439-2447.	2.9	9
12	Bioavailability of cadmium and biochemical responses on the freshwater bivalve <i>Corbicula fluminea</i> “ the role of TiO ₂ nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2014, 109, 161-168.	6.0	56
13	Monitoring Hg and Cd Contamination Using Red Swamp Crayfish (<i>Procambarus clarkii</i>): Implications for Wetland Food Chain Contamination. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	9
14	Induced peroxidase activity of haem containing nitrate reductases revealed by protein film electrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2013, 693, 105-113.	3.8	7
15	A nickel availability study in serpentinised areas of Portugal. <i>Geoderma</i> , 2011, 164, 155-163.	5.1	45
16	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
17	Artefacts induced on c-type haem proteins by electrode surfaces. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 209-215.	2.6	10
18	Analysis of the activation mechanism of <i>Pseudomonas stutzeri</i> cytochrome c peroxidase through an electron transfer chain. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 881-888.	2.6	5

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19	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
20	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
21	Electrochemical oxidation of the synthetic anthocyanin analogue 4-methyl-7,8-dihydroxyflavylium salt. <i>Journal of Electroanalytical Chemistry</i> , 2009, 636, 60-67.	3.8	7
22	Enzymatic biotransformation of the azo dye Sudan Orange G with bacterial CotA-laccase. <i>Journal of Biotechnology</i> , 2009, 139, 68-77.	3.8	143
23	Benefits of membrane electrodes in the electrochemistry of metalloproteins: mediated catalysis of <i>Paracoccus pantotrophus</i> cytochrome c peroxidase by horse cytochrome c: a case study. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 779-787.	2.6	4
24	Adaptation of a commercial ion selective fluoride electrode to a tubular configuration for analysis by flow methodologies. <i>Talanta</i> , 2008, 76, 107-110.	5.5	10
25	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
26	Lead sorption to selected Portuguese soils. <i>European Journal of Soil Science</i> , 2007, 58, 854-863.	3.9	11
27	Mediated catalysis of <i>Paracoccus pantotrophus</i> cytochrome c peroxidase by <i>P. pantotrophus</i> pseudoazurin: kinetics of intermolecular electron transfer. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 691-698.	2.6	20
28	Redox chemistry of low-pH forms of tetrahemic cytochrome c3. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 2009-2016.	3.5	5
29	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
30	Direct electrochemistry of the <i>Desulfovibrio gigas</i> aldehyde oxidoreductase. <i>FEBS Journal</i> , 2004, 271, 1329-1338.	0.2	18
31	Intraspecific Variation of Mercury Contamination in Chicks of Black-Winged Stilt (<i>Himantopus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Contamination and Toxicology, 2004, 72, 437-444.	2.7	6
32	Lead Adsorption on a Soil: A Polarographic Study. <i>Electroanalysis</i> , 2004, 16, 1024-1032.	2.9	2
33	Quality assurance program for the chemical characterization of soils. <i>Accreditation and Quality Assurance</i> , 2003, 8, 323-333.	0.8	16
34	Electrochemical studies on small electron transfer proteins using membrane electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2003, 541, 153-162.	3.8	40
35	Flow amperometric determination of pharmaceuticals with on-line electrode surface renewal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 571-580.	2.8	37
36	Copper-ψ Psychoactive Drug Complexes: A Voltammetric Approach to Complexation by 1,4-Benzodiazepines. <i>Analytical Biochemistry</i> , 2002, 303, 111-119.	2.4	26

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37	An in situ bioassay for estuarine environments using the microalga <i>Phaeodactylum tricornutum</i> . <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 567-574.	4.3	55
38	Square-wave voltammetric techniques for determination of psychoactive 1,4-benzodiazepine drugs. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 1074-1081.	3.7	54
39	Speciation of Inorganic Arsenic in Natural Waters by Square-Wave Cathodic Stripping Voltammetry. <i>Electroanalysis</i> , 2001, 13, 1098-1104.	2.9	56
40	Interaction of lead(II) with sediment particles: a mercury microelectrode study. <i>Analytica Chimica Acta</i> , 2001, 441, 191-200.	5.4	10
41	Electrochemical studies of rubredoxin from <i>Desulfovibrio vulgaris</i> at modified electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2001, 501, 173-179.	3.8	11
42	A Voltammetric Study of the Complexation of Copper by the Psychoactive Compounds 1,4-Benzodiazepines. <i>Electroanalysis</i> , 2000, 12, 216-222.	2.9	7
43	Gradient flow titration for the determination of fluoride ion in natural waters. <i>Talanta</i> , 2000, 50, 1245-1252.	5.5	10
44	Electrochemical studies on c-type cytochromes at microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1999, 464, 76-84.	3.8	15
45	Thermodynamics of uptake of cadmium by <i>Chlorella marina</i> . <i>Bioelectrochemistry</i> , 1999, 48, 61-68.	1.0	12
46	Voltammetric behaviour of copper complexes with cytosine and its nucleoside. <i>Bioelectrochemistry</i> , 1998, 45, 267-273.	1.0	22
47	Flow injection-assisted optical sensor for determination of iron(II) and iron(III) in natural water. <i>Analytica Chimica Acta</i> , 1997, 343, 191-197.	5.4	24
48	Cadmium and lead complexation by anodic stripping voltammetry with a mercury microelectrode. <i>Electroanalysis</i> , 1996, 8, 178-182.	2.9	3
49	Voltammetric studies of purine bases and purine nucleosides with copper. <i>Bioelectrochemistry</i> , 1996, 39, 55-60.	1.0	23
50	Study of CE mechanisms by square wave voltammetry: Cd(II) + nitrilotriacetic acid and Cd(II) + aspartic acid systems. <i>Journal of Electroanalytical Chemistry</i> , 1996, 413, 97-103.	3.8	21
51	Kinetics of dissociation of copper(II)-proline complex by cyclic voltammetry with a Nafion®-coated electrode. <i>Journal of Electroanalytical Chemistry</i> , 1994, 364, 171-177.	3.8	7
52	Determination of stability constants by using normal pulse voltammetry at microelectrodes. <i>Electrochimica Acta</i> , 1993, 38, 1555-1558.	5.2	8
53	Determination of stability constants using a mercury microelectrode and steady-state voltammetry. <i>Electrochimica Acta</i> , 1992, 37, 1413-1416.	5.2	5
54	Rapid pK measurements for multibasic weak acids by gradient flow injection titration. <i>Analytica Chimica Acta</i> , 1992, 258, 259-267.	5.4	20

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55	Voltammetric studies of copper(I) and copper(II) with monoamines at the ionic strength of seawater (0.70 M NaClO ₄). <i>Electroanalysis</i> , 1991, 3, 131-138.	2.9	10
56	An integrated gradient chamber and potentiometric detector for flow injection analysis. <i>Analytica Chimica Acta</i> , 1989, 226, 229-238.	5.4	9
57	An integrated gradient chamber and potentiometric detector for flow injection analysis. <i>Analytica Chimica Acta</i> , 1989, 226, 239-246.	5.4	8
58	Electroanalytical chemistry of copper, lead and zinc complexes of amino acids at the ionic strength of		