

C Marisa R Almeida

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

3,560
citations

32
h-index

52
g-index

153
ext. papers

4,138
ext. citations

6.2
avg, IF

5.72
L-index

#	Paper	IF	Citations
144	Advanced oxidation technologies and constructed wetlands in aquaculture farms: What do we know so far about micropollutant removal?. <i>Environmental Research</i> , 2022 , 204, 111955	7.9	6
143	Multi-Soil-Layering Technology: A New Approach to Remove Microcystis aeruginosa and Microcystins from Water. <i>Water (Switzerland)</i> , 2022 , 14, 686	3	
142	Pharmaceuticals Influence on Phragmites australis Phytoremediation Potential in Cu Contaminated Estuarine Media. <i>Pollutants</i> , 2022 , 2, 42-52		
141	Antibiotics removal from aquaculture effluents by ozonation: chemical and toxicity descriptors.. <i>Water Research</i> , 2022 , 218, 118497	12.5	3
140	Plastic Pollution in Aquatic Ecosystems: From Research to Public Awareness. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022 , 822-833	0.1	
139	Bioremediation of Petroleum Hydrocarbons in Seawater: Prospects of Using Lyophilized Native Hydrocarbon-Degrading Bacteria. <i>Microorganisms</i> , 2021 , 9,	4.9	1
138	Diversity and Hydrocarbon-Degrading Potential of Deep-Sea Microbial Community from the Mid-Atlantic Ridge, South of the Azores (North Atlantic Ocean). <i>Microorganisms</i> , 2021 , 9,	4.9	1
137	Optimization of an Autochthonous Bacterial Consortium Obtained from Beach Sediments for Bioremediation of Petroleum Hydrocarbons. <i>Water (Switzerland)</i> , 2021 , 13, 66	3	8
136	Atlas of the microbial degradation of fluorinated pesticides. <i>Critical Reviews in Biotechnology</i> , 2021 , 1-199.4		
135	Pharmaceutical Compounds in Aquatic Environments-Occurrence, Fate and Bioremediation Prospective. <i>Toxics</i> , 2021 , 9,	4.7	9
134	Combining Culture-Dependent and Independent Approaches for the Optimization of Epoxiconazole and Fludioxonil-Degrading Bacterial Consortia. <i>Microorganisms</i> , 2021 , 9,	4.9	1
133	Modeling the relationship between emerging and persistent organic contaminants in water, sediment and oysters from a temperate lagoon. <i>Marine Pollution Bulletin</i> , 2021 , 164, 111994	6.7	0
132	Harnessing the Potential of Native Microbial Communities for Bioremediation of Oil Spills in the Iberian Peninsula NW Coast. <i>Frontiers in Microbiology</i> , 2021 , 12, 633659	5.7	5
131	Potential of an estuarine salt marsh plant (Phragmites australis (Cav.) Trin. Ex Steud10751) for phytoremediation of bezafibrate and paroxetine. <i>Hydrobiologia</i> , 2021 , 848, 3291-3304	2.4	6
130	Assessing contamination from maritime trade and transportation on Iberian waters: Impact on Mytilus sp. <i>Ecological Indicators</i> , 2021 , 121, 107031	5.8	
129	Emerging investigator series: prompt response of estuarine denitrifying bacterial communities to copper nanoparticles at relevant environmental concentrations. <i>Environmental Science: Nano</i> , 2021 , 8, 913-926	7.1	
128	Assessing contamination from maritime trade and transportation on Iberian waters: Impact on Platichthys flesus. <i>Environmental and Sustainability Indicators</i> , 2021 , 9, 100098	3.5	1

127	Alkylphenols and Chlorophenols Remediation in Vertical Flow Constructed Wetlands: Removal Efficiency and Microbial Community Response. <i>Water (Switzerland)</i> , 2021 , 13, 715	3	1
126	Ozone-based water treatment (O ₃ , O ₃ /UV, O ₃ /H ₂ O ₂) for removal of organic micropollutants, bacteria inactivation and regrowth prevention. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105315	6.8	16
125	Microplastics as a vehicle of exposure to chemical contamination in freshwater systems: Current research status and way forward. <i>Journal of Hazardous Materials</i> , 2021 , 417, 125980	12.8	7
124	Microplastics and plankton: Knowledge from laboratory and field studies to distinguish contamination from pollution. <i>Journal of Hazardous Materials</i> , 2021 , 417, 126057	12.8	11
123	Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103881	6.8	6
122	Microbial degradation of two highly persistent fluorinated fungicides - epoxiconazole and fludioxonil. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122545	12.8	18
121	Integrated Multi-Trophic Aquaculture: A Laboratory and Hands-on Experimental Activity to Promote Environmental Sustainability Awareness and Value of Aquaculture Products. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	10
120	Assessment of Constructed Wetlands Potential for the Removal of Cyanobacteria and Microcystins (MC-LR). <i>Water (Switzerland)</i> , 2020 , 12, 10	3	9
119	Potential interferences of microplastics in the phytoremediation of Cd and Cu by the salt marsh plant <i>Phragmites australis</i> . <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103658	6.8	14
118	Linking contaminant distribution to hydrodynamic patterns in an urban estuary: The Douro estuary test case. <i>Science of the Total Environment</i> , 2020 , 707, 135792	10.2	11
117	Adsorption of Cd and Cu to different types of microplastics in estuarine salt marsh medium. <i>Marine Pollution Bulletin</i> , 2020 , 151, 110797	6.7	20
116	Microplastic in marine environment: reworking and optimisation of two analytical protocols for the extraction of microplastics from sediments and oysters. <i>MethodsX</i> , 2020 , 7, 101116	1.9	8
115	Livestock Wastewater Treatment in Constructed Wetlands for Agriculture Reuse. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	8
114	Floating Wetland Islands Implementation and Biodiversity Assessment in a Port Marina. <i>Water (Switzerland)</i> , 2020 , 12, 3273	3	4
113	Microplastics contamination along the coastal waters of NW Portugal. <i>Case Studies in Chemical and Environmental Engineering</i> , 2020 , 2, 100056	7.5	2
112	Quenchers in advanced oxidation technologies for analysis of micropollutants by liquid chromatography coupled to mass spectrometry: Sodium sulphite or catalase?. <i>Science of the Total Environment</i> , 2019 , 692, 995-1004	10.2	3
111	Potential of constructed wetland for the removal of antibiotics and antibiotic resistant bacteria from livestock wastewater. <i>Ecological Engineering</i> , 2019 , 129, 45-53	3.9	30
110	Development of an autonomous biosampler to capture in situ aquatic microbiomes. <i>PLoS ONE</i> , 2019 , 14, e0216882	3.7	7

109	Adaptation of a laboratory protocol to quantify microplastics contamination in estuarine waters. <i>MethodsX</i> , 2019 , 6, 740-749	1.9	7
108	Enrofloxacin and copper plant uptake by <i>Phragmites australis</i> from a liquid digestate: Single versus combined application. <i>Science of the Total Environment</i> , 2019 , 664, 188-202	10.2	8
107	Biodegradation of oxytetracycline and enrofloxacin by autochthonous microbial communities from estuarine sediments. <i>Science of the Total Environment</i> , 2019 , 648, 962-972	10.2	37
106	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , 2019 , 648, 1052-1081	10.2	227
105	Persistent and emerging pollutants assessment on aquaculture oysters (<i>Crassostrea gigas</i>) from NW Portuguese coast (Ria De Aveiro). <i>Science of the Total Environment</i> , 2019 , 666, 731-742	10.2	32
104	Microplastic contamination in an urban estuary: Abundance and distribution of microplastics and fish larvae in the Douro estuary. <i>Science of the Total Environment</i> , 2019 , 659, 1071-1081	10.2	45
103	Seasonal effect in nutritional quality and safety of the wild sea urchin <i>Paracentrotus lividus</i> harvested in the European Atlantic shores. <i>Food Chemistry</i> , 2019 , 282, 84-94	8.5	16
102	Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. <i>Science of the Total Environment</i> , 2019 , 655, 796-806	10.2	12
101	Removal of veterinary antibiotics in constructed wetland microcosms - Response of bacterial communities. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 894-901	7	35
100	Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. <i>Journal of Environmental Management</i> , 2019 , 231, 1145-1153	7.9	13
99	Flux model to estimate the transport of mercury species in a contaminated lagoon (Ria de Aveiro, Portugal). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 17371-17382	5.1	5
98	Seasonal variation in biomarker responses of <i>Donax trunculus</i> from the Gulf of Annaba (Algeria): Implication of metal accumulation in sediments. <i>Comptes Rendus - Geoscience</i> , 2018 , 350, 173-179	1.4	13
97	Potential of dissimilatory nitrate reduction pathways in polycyclic aromatic hydrocarbon degradation. <i>Chemosphere</i> , 2018 , 199, 54-67	8.4	27
96	Macro and trace elements in <i>Paracentrotus lividus</i> gonads from South West Atlantic areas. <i>Environmental Research</i> , 2018 , 162, 297-307	7.9	6
95	Multibiomarker interactions to diagnose and follow-up chronic exposure of a marine crustacean to Hazardous and Noxious Substances (HNS). <i>Environmental Pollution</i> , 2018 , 242, 1137-1145	9.3	6
94	Constructed wetland microcosms for the removal of organic micropollutants from freshwater aquaculture effluents. <i>Science of the Total Environment</i> , 2018 , 644, 1171-1180	10.2	39
93	Indigenous microbial communities along the NW Portuguese Coast: Potential for hydrocarbons degradation and relation with sediment contamination. <i>Marine Pollution Bulletin</i> , 2018 , 131, 620-632	6.7	18
92	Bioaccumulation of persistent and emerging pollutants in wild sea urchin <i>Paracentrotus lividus</i> . <i>Environmental Research</i> , 2018 , 161, 354-363	7.9	32

91	Metal Accumulation in Estuarine Plants: Investigating the Effect on the Levels of Non-protein Thiols in Roots of Different Salt Marsh Plants 2018 , 185-205		1
90	Data for the analysis of interactive multibiomarker responses of a marine crustacean to long-term exposure to aquatic contaminants. <i>Data in Brief</i> , 2018 , 21, 386-394	1.2	2
89	Biodegradation of the veterinary antibiotics enrofloxacin and ceftiofur and associated microbial community dynamics. <i>Science of the Total Environment</i> , 2017 , 581-582, 359-368	10.2	87
88	Response of microbial communities colonizing salt marsh plants rhizosphere to copper oxide nanoparticles contamination and its implications for phytoremediation processes. <i>Science of the Total Environment</i> , 2017 , 581-582, 801-810	10.2	23
87	Can veterinary antibiotics affect constructed wetlands performance during treatment of livestock wastewater?. <i>Ecological Engineering</i> , 2017 , 102, 583-588	3.9	19
86	A review on the application of constructed wetlands for the removal of priority substances and contaminants of emerging concern listed in recently launched EU legislation. <i>Environmental Pollution</i> , 2017 , 227, 428-443	9.3	138
85	Simple statistical models for relating river discharge with precipitation and air temperature: Case study of River Vouga (Portugal). <i>Frontiers of Earth Science</i> , 2017 , 11, 203-213	1.7	2
84	Silver nanoparticles uptake by salt marsh plants - Implications for phytoremediation processes and effects in microbial community dynamics. <i>Marine Pollution Bulletin</i> , 2017 , 119, 176-183	6.7	37
83	Copper effect in petroleum hydrocarbons biodegradation by microorganisms associated to <i>Juncus maritimus</i> : role of autochthonous bioaugmentation. <i>International Journal of Environmental Science and Technology</i> , 2017 , 14, 943-955	3.3	3
82	Constructed wetlands for the removal of metals from livestock wastewater - Can the presence of veterinary antibiotics affect removals?. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 137, 143-148	7	20
81	Bacterial community dynamic associated with autochthonous bioaugmentation for enhanced Cu phytoremediation of salt-marsh sediments. <i>Marine Environmental Research</i> , 2017 , 132, 68-78	3.3	6
80	Methodological approaches for fractionation and speciation to estimate trace element bioavailability in engineered anaerobic digestion ecosystems: An overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2016 , 46, 1324-1366	11.1	34
79	Effect of petroleum hydrocarbons in copper phytoremediation by a salt marsh plant (<i>Juncus maritimus</i>) and the role of autochthonous bioaugmentation. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 19471-80	5.1	8
78	MarinEye [A tool for marine monitoring 2016 ,		1
77	PAHs levels in Portuguese estuaries and lagoons: Salt marsh plants as potential agents for the containment of PAHs contamination in sediments. <i>Regional Studies in Marine Science</i> , 2016 , 7, 211-221	1.5	13
76	Marsh plant response to metals: Exudation of aliphatic low molecular weight organic acids (ALMWOAs). <i>Estuarine, Coastal and Shelf Science</i> , 2016 , 171, 77-84	2.9	9
75	Potential of Constructed Wetlands for Removal of Antibiotics from Saline Aquaculture Effluents. <i>Water (Switzerland)</i> , 2016 , 8, 465	3	24
74	Differential effects of crude oil on denitrification and anammox, and the impact on N ₂ O production. <i>Environmental Pollution</i> , 2016 , 216, 391-399	9.3	13

73	Constructed Wetlands for Livestock Wastewater Treatment: Antibiotics Removal and Effects on CWs Performance 2016 , 267-281		1
72	Multiple regression analysis to assess the role of plankton on the distribution and speciation of mercury in water of a contaminated lagoon. <i>Journal of Hazardous Materials</i> , 2016 , 318, 711-722	12.8	10
71	Response of a salt marsh microbial community to antibiotic contamination. <i>Science of the Total Environment</i> , 2015 , 532, 301-8	10.2	16
70	Interactions between salt marsh plants and Cu nanoparticles - Effects on metal uptake and phytoremediation processes. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 120, 303-9	7	35
69	Assessment of the non-protein amino acid BMAA in Mediterranean mussel <i>Mytilus galloprovincialis</i> after feeding with estuarine cyanobacteria. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12507-10	5.1	16
68	Determination of 3-mercaptopropionic acid by HPLC: A sensitive method for environmental applications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 992, 103-8	3.2	9
67	Impacts of Silver Nanoparticles on a Natural Estuarine Plankton Community. <i>Environmental Science & Technology</i> , 2015 , 49, 12968-74	10.3	28
66	Response of two salt marsh plants to short- and long-term contamination of sediment with cadmium. <i>Journal of Soils and Sediments</i> , 2015 , 15, 722-731	3.4	8
65	Salt Marsh Plants Potential for the Remediation of Hydrocarbon-Contaminated Environments 2015 , 323-331		1
64	The Mammalian "Obesogen" Tributyltin Targets Hepatic Triglyceride Accumulation and the Transcriptional Regulation of Lipid Metabolism in the Liver and Brain of Zebrafish. <i>PLoS ONE</i> , 2015 , 10, e0143911	3.7	69
63	Influence of season and salinity on the exudation of aliphatic low molecular weight organic acids (ALMWOAs) by <i>Phragmites australis</i> and <i>Halimione portulacoides</i> roots. <i>Journal of Sea Research</i> , 2015 , 95, 180-187	1.9	10
62	Salt marsh sediment characteristics as key regulators on the efficiency of hydrocarbons bioremediation by <i>Juncus maritimus</i> rhizospheric bacterial community. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 450-62	5.1	9
61	Microbial community dynamics associated with veterinary antibiotics removal in constructed wetlands microcosms. <i>Bioresource Technology</i> , 2015 , 182, 26-33	11	78
60	Bioremediation potential of microorganisms from a sandy beach affected by a major oil spill. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3634-45	5.1	11
59	A review of plant-pharmaceutical interactions: from uptake and effects in crop plants to phytoremediation in constructed wetlands. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11729-63	5.1	186
58	A strategy to potentiate Cd phytoremediation by saltmarsh plants - autochthonous bioaugmentation. <i>Journal of Environmental Management</i> , 2014 , 134, 136-44	7.9	24
57	Potential of phytoremediation for the removal of petroleum hydrocarbons in contaminated salt marsh sediments. <i>Journal of Environmental Management</i> , 2014 , 137, 10-5	7.9	25
56	An Improved Method for the Determination of Petroleum Hydrocarbons From Soil Using a Simple Ultrasonic Extraction and Fourier Transform Infrared Spectrophotometry. <i>Petroleum Science and Technology</i> , 2014 , 32, 426-432	1.4	14

55	Copper phytoremediation by a salt marsh plant (<i>Phragmites australis</i>) enhanced by autochthonous bioaugmentation. <i>Marine Pollution Bulletin</i> , 2014 , 88, 231-8	6.7	14
54	Antioxidant response of <i>Phragmites australis</i> to Cu and Cd contamination. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 109, 152-60	7	26
53	Development of autochthonous microbial consortia for enhanced phytoremediation of salt-marsh sediments contaminated with cadmium. <i>Science of the Total Environment</i> , 2014 , 493, 757-65	10.2	24
52	Evaluation of the ability of two plants for the phytoremediation of Cd in salt marshes. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 141, 78-84	2.9	21
51	Salt marsh plants as key mediators on the level of cadmium impact on microbial denitrification. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 10270-8	5.1	3
50	The effect of sand composition on the degradation of buried oil. <i>Marine Pollution Bulletin</i> , 2014 , 86, 391-401	4.7	1
49	<i>Phragmites australis</i> response to Cu in terms of low molecular weight organic acids (LMWOAs) exudation: Influence of the physiological cycle. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 146, 76-82	2.9	8
48	SPE sample pre-treatment using a mixed-mode sorbent of reverse-phase and ionic exchange for determination of LMWOAs in waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2014 , 94, 233-246	1.8	2
47	Influence of different salt marsh plants on hydrocarbon degrading microorganisms abundance throughout a phenological cycle. <i>International Journal of Phytoremediation</i> , 2013 , 15, 715-28	3.9	12
46	Evaluation of the Potential of Salt Marsh Plants for Metal Phytoremediation in Estuarine Environment 2013 , 225-239		
45	Activated sludge systems removal efficiency of veterinary pharmaceuticals from slaughterhouse wastewater. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 8790-800	5.1	25
44	Potential of the microbial community present in an unimpacted beach sediment to remediate petroleum hydrocarbons. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3176-84	5.1	24
43	Potential of constructed wetlands microcosms for the removal of veterinary pharmaceuticals from livestock wastewater. <i>Bioresource Technology</i> , 2013 , 134, 412-6	11	70
42	Multi-family methodologies for the analysis of veterinary pharmaceutical compounds in sediment and sludge samples: comparison among extraction techniques. <i>Analytical Methods</i> , 2013 , 5, 6503	3.2	10
41	Potential of bioremediation for buried oil removal in beaches after an oil spill. <i>Marine Pollution Bulletin</i> , 2013 , 76, 258-65	6.7	26
40	Biodegradation of petroleum hydrocarbons in estuarine sediments: metal influence. <i>Biodegradation</i> , 2013 , 24, 111-23	4.1	22
39	Response of a salt marsh microbial community to metal contamination. <i>Estuarine, Coastal and Shelf Science</i> , 2013 , 130, 81-88	2.9	21
38	Influence of natural rhizosediments characteristics on hydrocarbons degradation potential of microorganisms associated to <i>Juncus maritimus</i> roots. <i>International Biodeterioration and Biodegradation</i> , 2013 , 84, 86-96	4.8	16

37	Bacterial community response to petroleum contamination and nutrient addition in sediments from a temperate salt marsh. <i>Science of the Total Environment</i> , 2013 , 458-460, 568-76	10.2	49
36	Microbial communities within saltmarsh sediments: Composition, abundance and pollution constraints. <i>Estuarine, Coastal and Shelf Science</i> , 2012 , 99, 145-152	2.9	11
35	A Simple and Fast Method for Determination of Phosphorus in Fish Diets and Faeces Used in Animal Nutritional Studies. <i>Food Analytical Methods</i> , 2012 , 5, 82-88	3.4	2
34	Funding decisions: Romania needs overseas reviewers. <i>Nature</i> , 2012 , 492, 186	50.4	1
33	Potential of <i>Phragmites australis</i> for the removal of veterinary pharmaceuticals from aquatic media. <i>Bioresource Technology</i> , 2012 , 116, 497-501	11	63
32	Simultaneous determination of several veterinary pharmaceuticals in effluents from urban, livestock and slaughterhouse wastewater treatment plants using a simple chromatographic method. <i>Water Science and Technology</i> , 2012 , 66, 603-11	2.2	21
31	Avalia da estabilidade de implantes submetidos a carga imediata. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2011 , 52, 16-23	0.6	
30	Determination of the non protein amino acid β -N-methylamino-L-alanine in estuarine cyanobacteria by capillary electrophoresis. <i>Toxicon</i> , 2011 , 58, 410-4	2.8	19
29	Role of different salt marsh plants on metal retention in an urban estuary (Lima estuary, NW Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2011 , 91, 243-249	2.9	74
28	Hydrocarbon degradation potential of salt marsh plant-microorganisms associations. <i>Biodegradation</i> , 2011 , 22, 729-39	4.1	28
27	Salt marsh plant-microorganism interaction in the presence of mixed contamination. <i>International Biodeterioration and Biodegradation</i> , 2011 , 65, 326-333	4.8	23
26	LMWOA (low molecular weight organic acid) exudation by salt marsh plants: Natural variation and response to Cu contamination. <i>Estuarine, Coastal and Shelf Science</i> , 2010 , 88, 63-70	2.9	38
25	Study of the influence of different organic pollutants on Cu accumulation by <i>Halimione portulacoides</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2009 , 85, 627-632	2.9	20
24	Metal levels in sediments from the Minho estuary salt marsh: a metal clean area?. <i>Environmental Monitoring and Assessment</i> , 2009 , 159, 191-205	3.1	43
23	Influence of surfactants on the Cu phytoremediation potential of a salt marsh plant. <i>Chemosphere</i> , 2009 , 75, 135-40	8.4	34
22	Salt marsh plants (<i>Juncus maritimus</i> and <i>Scirpus maritimus</i>) as sources of strong complexing ligands. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 77, 104-112	2.9	32
21	Influence of a salt marsh plant (<i>Halimione portulacoides</i>) on the concentrations and potential mobility of metals in sediments. <i>Science of the Total Environment</i> , 2008 , 403, 188-95	10.2	33
20	Can PAHs influence Cu accumulation by salt marsh plants?. <i>Marine Environmental Research</i> , 2008 , 66, 311-8	3.3	64

19	Matrix importance in animal material pre-treatment for metal determination. <i>Food Chemistry</i> , 2008 , 107, 1294-1299	8.5	21
18	A fast and simple methodology for determination of yttrium as an inert marker in digestibility studies. <i>Food Chemistry</i> , 2008 , 108, 1094-8	8.5	10
17	Comparison of the role of the sea club-rush <i>Scirpus maritimus</i> and the sea rush <i>Juncus maritimus</i> in terms of concentration, speciation and bioaccumulation of metals in the estuarine sediment. <i>Environmental Pollution</i> , 2006 , 142, 151-9	9.3	76
16	Variability of metal contents in the sea rush <i>Juncus maritimus</i> -estuarine sediment system through one year of plant's life. <i>Marine Environmental Research</i> , 2006 , 61, 424-38	3.3	36
15	The role of a salt marsh plant on trace metal bioavailability in sediments. Estimation by different chemical approaches. <i>Environmental Science and Pollution Research</i> , 2005 , 12, 271-7	5.1	21
14	Exudation of organic acids by a marsh plant and implications on trace metal availability in the rhizosphere of estuarine sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2005 , 65, 191-198	2.9	71
13	Does the winemaking process influence the wine $^{87}\text{Sr}/^{86}\text{Sr}$? A case study. <i>Food Chemistry</i> , 2004 , 85, 7-12	8.5	63
12	Influence of the sea rush <i>Juncus maritimus</i> on metal concentration and speciation in estuarine sediment colonized by the plant. <i>Environmental Science & Technology</i> , 2004 , 38, 3112-8	10.3	107
11	Lead contamination in Portuguese red wines from the Douro region: from the vineyard to the final product. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 3012-23	5.7	32
10	Multielement composition of wines and their precursors including provenance soil and their potentialities as fingerprints of wine origin. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 4788-98	5.7	140
9	Mass discrimination in dynamic reaction cell (DRC)-ICP-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2003 , 18, 1060	3.7	43
8	ICP-MS multi-element analysis of wine samples - a comparative study of the methodologies used in two laboratories. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 374, 314-22	4.4	34
7	Advantages and limitations of the semi-quantitative operation mode of an inductively coupled plasma-mass spectrometer for multi-element analysis of wines. <i>Analytica Chimica Acta</i> , 2002 , 463, 165-175	6.6	31
6	ICP-MS determination of strontium isotope ratio in wine in order to be used as a fingerprint of its regional origin. <i>Journal of Analytical Atomic Spectrometry</i> , 2001 , 16, 607-611	3.7	96
5	Influence of zwitterionic pH buffers on the bioavailability and toxicity of copper to the alga <i>Amphidinium carterae</i> . <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 2542-2550	3.8	7
4	Determination of lead isotope ratios in port wine by inductively coupled plasma mass spectrometry after pre-treatment by UV-irradiation. <i>Analytica Chimica Acta</i> , 1999 , 396, 45-53	6.6	33
3	UV-irradiation and MW-digestion pre-treatment of Port wine suitable for the determination of lead isotope ratios by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1999 , 14, 1815-1821	3.7	25
2	Electrochemical study of proton ionisation, copper(II) complexation and surfactant properties of piperazine-N-N'-bis[2-hydroxypropanesulfonic acid] pH buffer: Comparison with other N-substituted aminosulfonic acids pH buffers. <i>Analytica Chimica Acta</i> , 1998 , 369, 115-122	6.6	11

- 1 Copper(II) complexation properties and surfactant activity of 3-[N, N-bis(2-hydroxyethyl)amino]-2-hydroxypropanesulfonic acid and N-(2-Hydroxyethyl)piperazine-N'-2-hydroxypropanesulfonic acid pH buffers which may affect trace metal speciation in in vitro studies. *Analytical Biochemistry*, **1998**, 265, 193-201 3.1 28