Eduarda Pereira

List of Articles by Year
in descending order

425 PR articles	13,447 PR citations	22543 58 PR h-index	25165 112 g-index
440 documents	15275 doc citations	23329 62 h-index	19145 citing authors

#	Article	IF	Citations
1	Squid beaks as a proxy for mercury concentrations in muscle of the giant warty squid Moroteuthopsis longimana. Marine Environmental Research, 2025, 204, 106841.	2.8	2
2	Salinity modulation of neodymium and dysprosium toxicity in mussels: A comprehensive analysis of adult and sperm responses. Science of the Total Environment, 2025, 959, 177995.	8.4	1
3	Transplantation of seagrass (Zostera noltei) as a potential nature-based solution for the restoration of historically contaminated mudflats. Science of the Total Environment, 2025, 959, 178257.	8.4	3
4	Uptake of Phosphorus from an Acidic Kraft Pulp Industrial Effluent Using Magnetic Nanoparticles. , 2025, 2, 267-274.		1
5	Investigating the effects of anthropogenic yttrium contamination: Biochemical alterations in the gills and digestive gland of exposed mussels (Mytilus galloprovincialis). Environmental Toxicology and Pharmacology, 2025, 114, 104650.	4.2	3
6	Calonectris shearwaters reveal a gradient of mercury contamination along the Atlantic and Mediterranean waters of the Iberian Peninsula. Environmental Pollution, 2025, 368, 125820.	7.7	2
7	Neodymium removal and recovery from simulated NdFeB leachate using manganese ferrite nanoparticles. Journal of Water Process Engineering, 2025, 71, 107200.	6.2	1
8	Application of Box-Behnken design to optimize the phosphorus removal from industrial wastewaters using magnetic nanoparticles. Environmental Science and Pollution Research, 2025, 32, 6804-6816.	4.3	9
9	Seagrass biochemical response to transplantation into contaminated sediments: A mesocosm experiment. Environmental Research, 2025, 274, 121353.	7.8	1
10	Metabolic response of Zostera noltei transplants in a historically contaminated ecosystem. Journal of Environmental Management, 2025, 380, 124918.	8.3	1
11	Contaminant bioaccumulation and biochemical responses of the bivalve Scrobicularia plana and the polychaete Hediste diversicolor to ecosystem restoration measures using Zostera noltei. Environmental Research, 2025, 275, 121429.	7.8	0
12	Cellular responses of Ruditapes philippinarum clams to global changes: Assessing the risks of rising temperatures and E-waste. Estuarine, Coastal and Shelf Science, 2025, 319, 109262.	2.4	2
13	Efficient Recovery of Gadolinium from Contaminated Waters Using Manganese Ferrite Nanoparticles. Recycling, 2025, 10, 57.	4.3	2
14	Seaweed as a sustainable solution for rare earth elements removal from acid mine drainage. Journal of Environmental Chemical Engineering, 2025, 13, 116484.	6.1	1
15	Risks of exceeding health-based guidance values for toxic metals and metalloids through seaweed and halophyte consumption. Food Control, 2025, 177, 111385.	6.1	0
16	From High-Tech To High-Risk? Unveiling the Acute Ecotoxicological Effects of Rare Earth Elements on Daphnia magna. Bulletin of Environmental Contamination and Toxicology, 2025, 114, .	2.1	3
17	Gadolinium: a review on concentrations and impacts in marine and coastal systems. Environmental Pollution, 2025, 381, 126453.	7.7	10
18	Optimizing phosphorus recovery from an acidic pulp stream with cobalt ferrite nanoparticles: A methodology for pulp mills. Colloids and Surfaces C: Environmental Aspects, 2025, 3, 100073.	1.5	0

#	Article	IF	Citations
19	Spatial and interspecific differences of trace element concentrations in the feathers of pelagic and coastal seabirds from the Northeast Atlantic Ocean and the Western Mediterranean Sea. Marine Pollution Bulletin, 2025, 220, 118351.	4.9	0
20	Interactive effects of Titanium-based compounds with Gadolinium and Mercury in Mytilus galloprovincialis. Aquatic Toxicology, 2025, 287, 107494.	4.3	0
21	Does time matter? Organ-specific stress responses to cobalt in Mytilus galloprovincialis across salinities. Marine Pollution Bulletin, 2025, 221, 118450.	4.9	0
22	A Recycling-Oriented Approach to Rare Earth Element Recovery Using Low-Cost Agricultural Waste. Metals, 2025, 15, 842.	2.3	0
23	Decreasing mercury concentrations in beaks of the giant warty squid Moroteuthopsis longimana in the Scotia Sea (Southern Ocean) since the 1970s. Marine Pollution Bulletin, 2025, 221, 118578.	4.9	0
24	Silica-supported ionic liquids as efficient materials to separate cobalt and nickel from lithium in aqueous solutions. Sustainable Materials and Technologies, 2025, 45, e01619.	3.7	0
25	Trace elements assessment in Cerastoderma glaucum from port areas in the Tunisian Mediterranean coast: The influence of parasites on bioaccumulation. Marine Pollution Bulletin, 2024, 198, 115831.	4.9	4
26	Silica Supported Ionic Liquids for the Efficient and Selective Recovery of Platinum and Palladium from Aqueous Media. ACS Sustainable Chemistry and Engineering, 2024, 12, 442-449.	6.9	9
27	From the cellular to tissue alterations induced by two rare earth elements in the mussel species Mytilus galloprovincialis: Comparison between exposure and recovery periods. Science of the Total Environment, 2024, 915, 169754.	8.4	17
28	How predicted temperature and salinity changes will modulate the impacts induced by terbium in bivalves?. Chemosphere, 2024, 351, 141168.	8.2	13
29	Yttrium effects on the Mediterranean mussel under a scenario of salinity shifts and increased temperature. Marine Environmental Research, 2024, 195, 106365.	2.8	13
30	Legacy Mercury Re-emission and Subsurface Migration at Contaminated Sites Constrained by Hg Isotopes and Chemical Speciation. Environmental Science & Technology, 2024, 58, 5336-5346.	11.1	10
31	Removal of chromium(III) from contaminated waters using cobalt ferrite: how safe is remediated water to aquatic wildlife?. Environmental Science and Pollution Research, 2024, 31, 28789-28802.	4.3	6
32	Enhanced removal of rare earth elements from aqueous media: exploring the potential of AM-3 and AM-4 titanosilicates. Environmental Science and Pollution Research, 2024, 31, 28856-28869.	4.3	1
33	Can exposure to Gymnodinium catenatum toxic blooms influence the impacts induced by Neodymium in Mytilus galloprovincialis mussels? What doesnâ€™t kill can make them stronger?. Journal of Hazardous Materials, 2024, 471, 134220.	12.5	4
34	The role of the macroalgae Ulva lactuca on the cellular effects of neodymium and mercury in the mussel Mytilus galloprovincialis. Chemosphere, 2024, 358, 141908.	8.2	4
35	The role of warming in modulating neodymium effects on adults and sperm of Mytilus galloprovincialis. Journal of Environmental Management, 2024, 358, 120854.	8.3	9
36	Praseodymium and warming interactions in mussels: Comparison between observed and predicted results. Science of the Total Environment, 2024, 934, 172893.	8.4	2

#	Article	IF	Citations
37	Enhanced Hg(II) removal using thiourea-functionalized graphene oxide: Lab to pilot scale evaluation. Separation and Purification Technology, 2024, 351, 128053.	8.8	12
38	Extraction of platinum and palladium from aqueous solutions using ionic-liquid-modified magnetic nanoparticles. Journal of Water Process Engineering, 2024, 63, 105510.	6.2	2
39	Optimizing the Recovery of Rare Earth Elements from Spent Fluorescent Lamps by Living Ulva sp. , 2024, 1, 1464-1474.		1
40	Rare earth elements and warming: Implications for adult mussel health and sperm quality. Marine Environmental Research, 2024, 201, 106666.	2.8	6
41	Enhanced phosphorus removal using magnetic ferrite nanoparticles. Nanotechnology for Environmental Engineering, 2024, 9, 617-627.	2.9	1
42	Complex interactions of rare earth elements in aquatic systems: Comparing observed and predicted cellular responses on Mytilus galloprovincialis. Science of the Total Environment, 2024, 955, 176608.	8.4	6
43	Valorisation of acid mine drainage: Studying biosorption and bioaccumulation of rare earth elements by seaweeds. Science of the Total Environment, 2024, 957, 177761.	8.4	7
44	Effects of the Interaction of Salinity and Rare Earth Elements on the Health of Mytilus galloprovincialis: The Case of Praseodymium and Europium. Journal of Xenobiotics, 2024, 14, 2015-2038.	4.5	3
45	How will different scenarios of rising seawater temperature alter the response of marine species to lithium?. Science of the Total Environment, 2023, 856, 158728.	8.4	8
46	Insight into the mechanisms involved in the removal of toxic, rare earth, and platinum elements from complex mixtures by Ulva sp.. Chemical Engineering Journal, 2023, 453, 139630.	12.0	20
47	The environmental remediation capacity of Ulva lactuca: the potential of macroalgae to reduce the threats caused by Titanium in marine invertebrate species. Science of the Total Environment, 2023, 858, 159586.	8.4	12
48	Lithium: A review on concentrations and impacts in marine and coastal systems. Science of the Total Environment, 2023, 857, 159374.	8.4	45
49	Application of response surface methodology and boxâ€“behnken design for the optimization of mercury removal by Ulva sp.. Journal of Hazardous Materials, 2023, 445, 130405.	12.5	58
50	Can temperature influence the impacts induced in Mytilus galloprovincialis by neodymium? Comparison between exposure and recovery periods. Environmental Toxicology and Pharmacology, 2023, 97, 104029.	4.2	14
51	Threats of Pollutants Derived from Electronic Waste to Marine Bivalves: The Case of the Rare-Earth Element Yttrium. Environmental Toxicology and Chemistry, 2023, 42, 166-177.	3.3	29
52	Are the consequences of lithium in marine clams enhanced by climate change?. Environmental Pollution, 2023, 326, 121416.	7.7	11
53	Ecotoxicological impacts of metals in single and co-exposure on mussels: Comparison of observable and predicted results. Science of the Total Environment, 2023, 881, 163165.	8.4	25
54	Effects of Carbon Nanoparticles and Chromium Combined Exposure in Native (Ruditapes decussatus) and Invasive (Ruditapes philippinarum) Clams. Nanomaterials, 2023, 13, 690.	4.0	6

#	Article	IF	Citations
55	Antarctic toothfish Dissostichus mawsoni as a bioindicator of trace and rare earth elements in the Southern Ocean. Chemosphere, 2023, 321, 138134.	8.2	9
56	Removal of rare-earth elements from aqueous solutions by microporous titanosilicate ETS-4. Microporous and Mesoporous Materials, 2023, 357, 112606.	4.6	6
57	Integrated Use of Bioaccumulation, Genotoxic, and Haematological Endpoints to Assess the Effect of Water Remediation Strategies on Fish Health: A Complementary Study. Water (Switzerland), 2023, 15, 1564.	2.7	3
58	Removal of mercury by silica-supported ionic liquids: Efficiency and ecotoxicological assessment. Aquatic Toxicology, 2023, 261, 106611.	4.3	6
59	Assessing the impact of terbium on Mytilus galloprovincialis: Metabolic and oxidative stress responses. Chemosphere, 2023, 337, 139299.	8.2	10
60	Are lithium batteries so eco-friendly? Ecotoxicological impacts of lithium in estuarine bivalves. Environmental Toxicology and Pharmacology, 2023, 101, 104197.	4.2	9
61	Algal sorbents and prospects for their application in the sustainable recovery of rare earth elements from E-waste. Environmental Science and Pollution Research, 2023, 30, 74521-74543.	4.3	32
62	Zostera noltei response to transplantation into historically Hg-contaminated sediments (A mesocosm) Tj ETQq0 0 0 rgBT /Overlock 10 T 139374.	8.2	6
63	Behavioural and biochemical responses of the sea snail Tritia reticulata to lithium concentration gradient. Aquatic Toxicology, 2023, 261, 106629.	4.3	2
64	The influence of temperature on the effects of lead and lithium in Mytilus galloprovincialis through biochemical, cell and tissue levels: Comparison between mono and multi-element exposures. Science of the Total Environment, 2023, 902, 165786.	8.4	18
65	Can temperature rise change the impacts induced by e-waste on adults and sperm of Mytilus galloprovincialis?. Science of the Total Environment, 2023, 902, 166085.	8.4	16
66	Seasonal characterization of mercury contamination along the Portuguese coast: human health and environmental risk assessment. Environmental Science and Pollution Research, 2023, 30, 101121-101132.	4.3	4
67	Eco-friendly methodology for removing and recovering rare earth elements from saline industrial wastewater. Environmental Science and Pollution Research, 2023, 30, 96617-96628.	4.3	4
68	The effect of Zostera noltei recolonization on the sediment mercury vertical profiles of a recovering coastal lagoon. Chemosphere, 2023, 345, 140438.	8.2	11
69	Removing classic and emerging potentially toxic elements from different synthetic ternary mixtures using green algae. Journal of Water Process Engineering, 2023, 56, 104438.	6.2	3
70	The H9c2(2-1) cell-based sulforhodamine B assay is a non-animal alternative to evaluate municipal wastewater quality over time. Environmental Monitoring and Assessment, 2023, 195, .	2.9	3
71	Gadolinium accumulation and its biochemical effects in Mytilus galloprovincialis under a scenario of global warming. Environmental Science and Pollution Research, 2023, 30, 116120-116133.	4.3	19
72	Influence of experimental parameters on the sorption behavior of Rare Earth Elements on manganese ferrite nanoparticles. Environmental Technology and Innovation, 2023, 32, 103432.	6.5	6

#	Article	IF	Citations
73	Will climate changes enhance the impacts of e-waste in aquatic systems?. Chemosphere, 2022, 288, 132264.	8.2	25
74	The influence of salinity on the toxicity of remediated seawater. Environmental Science and Pollution Research, 2022, 29, 32967-32987.	4.3	8
75	Factors influencing sorption of trace elements in contaminated waters onto ground nut shells. Journal of Environmental Management, 2022, 308, 114618.	8.3	4
76	Effective and simple removal of Hg from real waters by a robust bio-nanocomposite. Environmental Science: Nano, 2022, 9, 1156-1167.	3.7	4
77	Potentialities of Agro-Based Wastes to Remove Cd, Hg, Pb, and As from Contaminated Waters. Water, Air, and Soil Pollution, 2022, 233, .	2.8	14
78	In Vitro Hepatotoxic and Neurotoxic Effects of Titanium and Cerium Dioxide Nanoparticles, Arsenic and Mercury Co-Exposure. International Journal of Molecular Sciences, 2022, 23, 2737.	4.4	15
79	Biochemical alterations caused by lanthanum and gadolinium in Mytilus galloprovincialis after exposure and recovery periods. Environmental Pollution, 2022, 307, 119387.	7.7	22
80	Mercury bioaccessibility in fish and seafood: Effect of method, cooking and trophic level on consumption risk assessment. Marine Pollution Bulletin, 2022, 179, 113736.	4.9	25
81	Metal(oid)s accumulation (Hg and As) and their biochemical effects in Halimione portulacoides (Ria de) Tj ETQq1 1 0.784314 rgBT /Ov	4.9	11
82	Influence of UV degradation of bioplastics on the amplification of mercury bioavailability in aquatic environments. Marine Pollution Bulletin, 2022, 180, 113806.	4.9	14
83	Do climate change related factors modify the response of Mytilus galloprovincialis to lanthanum? The case of temperature rise. Chemosphere, 2022, 307, 135577.	8.2	19
84	Graphene Oxide/Polyethylenimine Aerogels for the Removal of Hg(II) from Water. Gels, 2022, 8, 452.	4.8	14
85	The effect of ocean warming on accumulation and cellular responsiveness to cobalt in Mytilus galloprovincialis. Marine Pollution Bulletin, 2022, 182, 113944.	4.9	15
86	Potential of the macroalga Ulva sp. for the recovery of yttrium obtained from fluorescent lamp waste. Journal of Cleaner Production, 2022, 369, 133299.	9.5	15
87	Microporous Framework (Nb, Fe)â€Silicate with Much Potential to Remove Rareâ€Earth Elements from Waters. Chemistry - A European Journal, 2022, 28, .	3.4	1
88	Competition among rare earth elements on sorption onto six seaweeds. Journal of Rare Earths, 2021, 39, 734-741.	6.4	26
89	Untangling causes of variation in mercury concentration between flight feathers. Environmental Pollution, 2021, 269, 116105.	7.7	9
90	How do life-history traits influence the fate of intertidal and subtidal Mytilus galloprovincialis in a changing climate?. Environmental Research, 2021, 196, 110381.	7.8	3

#	Article	IF	Citations
91	High affinity of 3D spongin scaffold towards Hg(II) in real waters. Journal of Hazardous Materials, 2021, 407, 124807.	12.5	10
92	Multi-elemental composition of white and dark muscles in swordfish. Food Chemistry, 2021, 343, 128438.	9.6	9
93	Bioaccumulation processes for mercury removal from saline waters by green, brown and red living marine macroalgae. Environmental Science and Pollution Research, 2021, 28, 30255-30266.	4.3	5
94	Water softening using graphene oxide/biopolymer hybrid nanomaterials. Journal of Environmental Chemical Engineering, 2021, 9, 105045.	6.1	21
95	Nutshells as Efficient Biosorbents to Remove Cadmium, Lead, and Mercury from Contaminated Solutions. International Journal of Environmental Research and Public Health, 2021, 18, 1580.	2.9	43
96	Dissolution of Ag Nanoparticles in Agricultural Soils and Effects on Soil Exoenzyme Activities. Environments - MDPI, 2021, 8, 22.	3.3	5
97	Mercury biomagnification in a Southern Ocean food web. Environmental Pollution, 2021, 275, 116620.	7.7	77
98	Platinum-group elements sorption by living macroalgae under different contamination scenarios. Journal of Environmental Chemical Engineering, 2021, 9, 105100.	6.1	18
99	Oxidative stress, metabolic activity and mercury concentrations in Antarctic krill Euphausia superba and myctophid fish of the Southern Ocean. Marine Pollution Bulletin, 2021, 166, 112178.	4.9	9
100	Monitoring of mercury in the mesopelagic domain of the Pacific and Atlantic oceans using body feathers of Bulwer's petrel as a bioindicator. Science of the Total Environment, 2021, 775, 145796.	8.4	11
101	How Ulva lactuca can influence the impacts induced by the rare earth element Gadolinium in Mytilus galloprovincialis? The role of macroalgae in water safety towards marine wildlife. Ecotoxicology and Environmental Safety, 2021, 215, 112101.	6.2	29
102	H9c2(2-1)-based sulforhodamine B assay as a possible alternative inÂvitro platform to investigate effluent and metals toxicity on fish. Chemosphere, 2021, 275, 130009.	8.2	5
103	The Influence of Temperature Increase on the Toxicity of Mercury Remediated Seawater Using the Nanomaterial Graphene Oxide on the Mussel Mytilus galloprovincialis. Nanomaterials, 2021, 11, 1978.	4.0	10
104	Valuable Nutrients from Ulva rigida: Modulation by Seasonal and Cultivation Factors. Applied Sciences (Switzerland), 2021, 11, 6137.	2.1	37
105	Sustainable Water Treatment: Use of Agricultural and Industrial Wastes to Remove Mercury by Biosorption. Water, Air, and Soil Pollution, 2021, 232, .	2.8	18
106	Bioaccumulation and ecotoxicological responses of clams exposed to terbium and carbon nanotubes: Comparison between native (Ruditapes decussatus) and invasive (Ruditapes philippinarum) species. Science of the Total Environment, 2021, 784, 146914.	8.4	18
107	What do we know about the ecotoxicological implications of the rare earth element gadolinium in aquatic ecosystems?. Science of the Total Environment, 2021, 781, 146273.	8.4	111
108	Can the recycling of europium from contaminated waters be achieved through living macroalgae? Study on accumulation and toxicological impacts under realistic concentrations. Science of the Total Environment, 2021, 786, 147176.	8.4	27

#	Article	IF	Citations
109	Optimization of Nd(III) removal from water by Ulva sp. and Gracilaria sp. through Response Surface Methodology. Journal of Environmental Chemical Engineering, 2021, 9, 105946.	6.1	24
110	Sustainable recovery of neodymium and dysprosium from waters through seaweeds: Influence of operational parameters. Chemosphere, 2021, 280, 130600.	8.2	25
111	Salinity influences on the response of Mytilus galloprovincialis to the rare-earth element lanthanum. Science of the Total Environment, 2021, 794, 148512.	8.4	31
112	Selective incorporation of rare earth elements by seaweeds from Cape Mondego, western Portuguese coast. Science of the Total Environment, 2021, 795, 148860.	8.4	10
113	Elemental composition of whole body soft tissues in bivalves from the BijagÃ³s Archipelago, Guinea-Bissau. Environmental Pollution, 2021, 288, 117705.	7.7	6
114	Response surface approach to optimize the removal of the critical raw material dysprosium from water through living seaweeds. Journal of Environmental Management, 2021, 300, 113697.	8.3	13
115	Mercury Removal from Aqueous Solution Using ETS-4 in the Presence of Cations of Distinct Sizes. Materials, 2021, 14, 11.	2.9	11
116	Lifelong mercury bioaccumulation in Atlantic horse mackerel (Trachurus trachurus) and the potential risks to human consumption. Marine Pollution Bulletin, 2021, 173, 113015.	4.9	7
117	Potential impacts of lanthanum and yttrium through embryotoxicity assays with Crassostrea gigas. Ecological Indicators, 2020, 108, 105687.	7.2	31
118	Mercury levels in Southern Ocean squid: Variability over the last decade. Chemosphere, 2020, 239, 124785.	8.2	43
119	Biochemical and histopathological impacts of rutile and anatase (TiO2 forms) in Mytilus galloprovincialis. Science of the Total Environment, 2020, 719, 134886.	8.4	42
120	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. Environmental Pollution, 2020, 260, 113859.	7.7	63
121	Purification of mercury-contaminated water using new AM-11 and AM-14 microporous silicates. Separation and Purification Technology, 2020, 239, 116438.	8.8	12
122	Valuation of banana peels as an effective biosorbent for mercury removal under low environmental concentrations. Science of the Total Environment, 2020, 709, 135883.	8.4	61
123	Toxicological effects of the rare earth element neodymium in Mytilus galloprovincialis. Chemosphere, 2020, 244, 125457.	8.2	93
124	Assessment of marine macroalgae potential for gadolinium removal from contaminated aquatic systems. Science of the Total Environment, 2020, 749, 141488.	8.4	40
125	Generalist seabirds as biomonitors of ocean mercury: The importance of accurate trophic position assignment. Science of the Total Environment, 2020, 740, 140159.	8.4	22
126	Bioaccumulation and biochemical patterns of Ruditapes philippinarum clams: Responses to seasonality and low contamination levels. Estuarine, Coastal and Shelf Science, 2020, 243, 106883.	2.4	16

#	Article	IF	Citations
127	Influence of salinity and rare earth elements on simultaneous removal of Cd, Cr, Cu, Hg, Ni and Pb from contaminated waters by living macroalgae. Environmental Pollution, 2020, 266, 115374.	7.7	46
128	A Single Digestion Procedure for Determination of Major, Trace, and Rare Earth Elements in Sediments. Water, Air, and Soil Pollution, 2020, 231, .	2.8	17
129	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. Water (Switzerland), 2020, 12, 2148.	2.7	15
130	Green Grapheneâ€“Chitosan Sorbent Materials for Mercury Water Remediation. Nanomaterials, 2020, 10, 1474.	4.0	29
131	High mercury levels in Antarctic toothfish Dissostichus mawsoni from the Southwest Pacific sector of the Southern Ocean. Environmental Research, 2020, 187, 109680.	7.8	7
132	Cephalopod beak sections used to trace mercury levels throughout the life of cephalopods: The giant warty squid Moroteuthopsis longimana as a case study. Marine Environmental Research, 2020, 161, 105049.	2.8	10
133	Will temperature rise change the biochemical alterations induced in Mytilus galloprovincialis by cerium oxide nanoparticles and mercury?. Environmental Research, 2020, 188, 109778.	7.8	59
134	Influence of toxic elements on the simultaneous uptake of rare earth elements from contaminated waters by estuarine macroalgae. Chemosphere, 2020, 252, 126562.	8.2	37
135	Negligible effect of potentially toxic elements and rare earth elements on mercury removal from contaminated waters by green, brown and red living marine macroalgae. Science of the Total Environment, 2020, 724, 138133.	8.4	38
136	A green method based on living macroalgae for the removal of rare-earth elements from contaminated waters. Journal of Environmental Management, 2020, 263, 110376.	8.3	59
137	Trace elementsâ€™ reference levels in blood of breeding black-browed albatrosses Thalassarche melanophris from the Falkland Islands. Environmental Science and Pollution Research, 2020, 27, 39265-39273.	4.3	6
138	Oxidative stress, metabolic and histopathological alterations in mussels exposed to remediated seawater by GO-PEI after contamination with mercury. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 243, 110674.	1.9	34
139	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. Science of the Total Environment, 2020, 723, 137798.	8.4	12
140	Toxic impacts of rutile titanium dioxide in Mytilus galloprovincialis exposed to warming conditions. Chemosphere, 2020, 252, 126563.	8.2	43
141	Spinel-type ferrite nanoparticles for removal of arsenic(V) from water. Environmental Science and Pollution Research, 2020, 27, 22523-22534.	4.3	23
142	Graphene oxide/polyethyleneimine aerogel for high-performance mercury sorption from natural waters. Chemical Engineering Journal, 2020, 398, 125587.	12.0	70
143	Main drivers of mercury levels in Southern Ocean lantern fish Myctophidae. Environmental Pollution, 2020, 264, 114711.	7.7	21
144	How safe are the new green energy resources for marine wildlife? The case of lithium. Environmental Pollution, 2020, 267, 115458.	7.7	37

#	Article	IF	Citations
145	Spatial Variation in Mercury Bioaccumulation and Magnification in a Temperate Estuarine Food Web. Frontiers in Marine Science, 2019, 6, .	2.5	32
146	Can contaminated waters or wastewater be alternative sources for technology-critical elements? The case of removal and recovery of lanthanides. Journal of Hazardous Materials, 2019, 380, 120845.	12.5	30
147	Show your beaks and we tell you what you eat: Different ecology in sympatric Antarctic benthic octopods under a climate change context. Marine Environmental Research, 2019, 150, 104757.	2.8	21
148	Advances on assessing nanotoxicity in marine fish â€“ the pros and cons of combining an ex vivo approach and histopathological analysis in gills. Aquatic Toxicology, 2019, 217, 105322.	4.3	17
149	The influence of temperature and salinity on the impacts of lead in Mytilus galloprovincialis. Chemosphere, 2019, 235, 403-412.	8.2	58
150	Recovery of Rare Earth Elements by Carbon-Based Nanomaterialsâ€”A Review. Nanomaterials, 2019, 9, 814.	4.0	133
151	Chromium removal from contaminated waters using nanomaterials â€“ A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 277-291.	11.1	125
152	Assessing Mercury Mobility in Sediment of the Union Canal, Scotland, UK by Sequential Extraction and Thermal Desorption. Archives of Environmental Contamination and Toxicology, 2019, 76, 650-656.	2.1	10
153	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. Environmental Research, 2019, 175, 200-212.	7.8	33
154	Ecotoxicological effects of lanthanum in Mytilus galloprovincialis: Biochemical and histopathological impacts. Aquatic Toxicology, 2019, 211, 181-192.	4.3	129
155	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels Mytilus galloprovincialis. Science of the Total Environment, 2019, 664, 626-634.	8.4	101
156	Experimental Measurement and Modeling of Hg(II) Removal from Aqueous Solutions Using Eucalyptus globulus Bark: Effect of pH, Salinity and Biosorbent Dosage. International Journal of Molecular Sciences, 2019, 20, 5973.	4.4	23
157	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. Science of the Total Environment, 2019, 650, 987-995.	8.4	24
158	Reliable quantification of mercury in natural waters using surface modified magnetite nanoparticles. Chemosphere, 2019, 220, 565-573.	8.2	10
159	Multiple regression analysis to assess the spatial distribution and speciation of mercury in surface sediments of a contaminated lagoon. Journal of Hazardous Materials, 2019, 367, 715-724.	12.5	20
160	Rare earth elements in mud volcano sediments from the Gulf of Cadiz, South Iberian Peninsula. Science of the Total Environment, 2019, 652, 869-879.	8.4	10
161	Simultaneous removal of trace elements from contaminated waters by living Ulva lactuca. Science of the Total Environment, 2019, 652, 880-888.	8.4	78
162	Synergistic Aqueous Biphasic Systems: A New Paradigm for the â€œOne-Potâ€•Hydrometallurgical Recovery of Critical Metals. ACS Sustainable Chemistry and Engineering, 2019, 7, 1769-1777.	6.9	34

#	Article	IF	Citations
163	Toxicity beyond accumulation of Titanium after exposure of Mytilus galloprovincialis to spiked seawater. Environmental Pollution, 2019, 244, 845-854.	7.7	20
164	Pedotransfer functions of potentially toxic elements in tropical soils cultivated with vegetable crops. Environmental Science and Pollution Research, 2018, 25, 12702-12712.	4.3	4
165	Addressing the impact of mercury estuarine contamination in the European eel (Anguilla anguilla L.,) Tj ETQq1 1 0.784314 rgBT /Over Pollution Bulletin, 2018, 127, 733-742.	4.9	17
166	Vertical distribution of major, minor and trace elements in sediments from mud volcanoes of the Gulf of Cadiz: evidence of Cd, As and Ba fronts in upper layers. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 131, 133-143.	1.6	20
167	Evaluation of a single extraction test to estimate the human oral bioaccessibility of potentially toxic elements in soils: Towards more robust risk assessment. Science of the Total Environment, 2018, 635, 188-202.	8.4	35
168	Major, minor, trace and rare earth elements in sediments of the BijagÃ³s archipelago, Guinea-Bissau. Marine Pollution Bulletin, 2018, 129, 829-834.	4.9	12
169	Removal and recovery of Critical Rare Elements from contaminated waters by living Gracilaria gracilis. Journal of Hazardous Materials, 2018, 344, 531-538.	12.5	100
170	Biochemical responses and accumulation patterns of Mytilus galloprovincialis exposed to thermal stress and Arsenic contamination. Ecotoxicology and Environmental Safety, 2018, 147, 954-962.	6.2	105
171	Mercury transformations in resuspended contaminated sediment controlled by redox conditions, chemical speciation and sources of organic matter. Geochimica Et Cosmochimica Acta, 2018, 220, 158-179.	4.9	90
172	Graphene oxide induces cytotoxicity and oxidative stress in bluegill sunfish cells. Journal of Applied Toxicology, 2018, 38, 504-513.	3.0	40
173	Influence of temperature rise on the recovery capacity of Mytilus galloprovincialis exposed to mercury pollution. Ecological Indicators, 2018, 93, 1060-1069.	7.2	34
174	Mobility versus retention of mercury in bare and salt marsh sediments of a recovering coastal lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2018, 135, 249-255.	4.9	15
175	Ultra sensitive quantification of Hg2+â€¯sorption by functionalized nanoparticles using radioactive tracker spectroscopy. Microchemical Journal, 2018, 138, 418-423.	4.7	8
176	A macroalgae-based biotechnology for water remediation: Simultaneous removal of Cd, Pb and Hg by living Ulva lactuca. Journal of Environmental Management, 2017, 191, 275-289.	8.3	79
177	Biodegradation of polyethylene microplastics by the marine fungus Zalerion maritimum. Science of the Total Environment, 2017, 586, 10-15.	8.4	631
178	Ashes from fluidized bed combustion of residual forest biomass: recycling to soil as a viable management option. Environmental Science and Pollution Research, 2017, 24, 14770-14781.	4.3	42
179	Genome-wide identification and expression profiling of EIL gene family in woody plant representative poplar (Populus trichocarpa). Archives of Biochemistry and Biophysics, 2017, 627, 30-45.	2.8	16
180	Biochemical impacts of Hg in Mytilus galloprovincialis under present and predicted warming scenarios. Science of the Total Environment, 2017, 601-602, 1129-1138.	8.4	105

#	Article	IF	Citations
181	Biocompatibility and biotoxicity of in-situ synthesized carboxylated nanodiamond-cobalt oxide nanocomposite. Journal of Materials Science and Technology, 2017, 33, 879-888.	13.6	8
182	Simple, mono and bifunctional periodic mesoporous organosilicas for removal of priority hazardous substances from water: The case of mercury(II). Chemical Engineering Journal, 2017, 322, 263-274.	12.0	46
183	Bioaccumulation of Hg, Cd and Pb by Fucus vesiculosus in single and multi-metal contamination scenarios and its effect on growth rate. Chemosphere, 2017, 171, 208-222.	8.2	71
184	Periodic mesoporous organosilica with low thiol density â€“ a safer material to trap Hg(II) from water. Journal of Environmental Chemical Engineering, 2017, 5, 5043-5053.	6.1	22
185	Does pre-exposure to warming conditions increase Mytilus galloprovincialis tolerance to Hg contamination?. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 203, 1-11.	3.1	24
186	Evidence for contrasting accumulation pattern of cadmium in relation to other elements in Senilia senilis and Tagelus adansoni from the BijagÃ³s archipelago, Guinea-Bissau. Environmental Science and Pollution Research, 2017, 24, 24896-24906.	4.3	7
187	Highly efficient upconversion of Er3+ in Yb3+ codoped non-cytotoxic strontium lanthanum aluminate phosphor for low temperature sensors. Scientific Reports, 2017, 7, .	3.4	65
188	Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. Frontiers in Environmental Science, 2016, 4, .	3.2	42
189	Piriformospora indica: Potential and Significance in Plant Stress Tolerance. Frontiers in Microbiology, 2016, 7, .	3.9	340
190	Chitosanâ€“genipin film, a sustainable methodology for wine preservation. Green Chemistry, 2016, 18, 5331-5341.	9.1	62
191	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. Science of the Total Environment, 2016, 557-558, 712-721.	8.4	45
192	Functionalized magnetite particles for adsorption of colloidal noble metal nanoparticles. Journal of Colloid and Interface Science, 2016, 475, 96-103.	9.9	15
193	Advantages and limitations of chemical extraction tests to predict mercury soil-plant transfer in soil risk evaluations. Environmental Science and Pollution Research, 2016, 23, 14327-14337.	4.3	8
194	Simple and effective chitosan based films for the removal of Hg from waters: Equilibrium, kinetic and ionic competition. Chemical Engineering Journal, 2016, 300, 217-229.	12.0	75
195	Biochemical and physiological alterations induced in Diopatra neapolitana after a long-term exposure to Arsenic. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 189, 1-9.	3.1	8
196	Transport phenomena of nanoparticles in plants and animals/humans. Environmental Research, 2016, 151, 233-243.	7.8	73
197	Effect of historical contamination in the fish community structure of a recovering temperate coastal lagoon. Marine Pollution Bulletin, 2016, 111, 221-230.	4.9	14
198	Estimation of mercury background values in sediment and biota of the BijagÃ³s archipelago, Guinea-Bissau. Marine Pollution Bulletin, 2016, 111, 488-492.	4.9	11

#	Article	IF	Citations
199	Catalase and ascorbate peroxidaseâ€"representative H2O2-detoxifying heme enzymes in plants. Environmental Science and Pollution Research, 2016, 23, 19002-19029.	4.3	365
200	Genome-wide identification and expression analysis of sulfate transporter (SULTR) genes in potato (Solanum tuberosum L.). Planta, 2016, 244, 1167-1183.	3.3	83
201	Comparative study on metal biosorption by two macroalgae in saline waters: single and ternary systems. Environmental Science and Pollution Research, 2016, 23, 11985-11997.	4.3	22
202	Overview and challenges of mercury fractionation and speciation in soils. TrAC - Trends in Analytical Chemistry, 2016, 82, 109-117.	11.1	85
203	Phagocytic cell responses to silica-coated dithiocarbamate-functionalized iron oxide nanoparticles and mercury co-exposures in Anguilla anguilla L.. Environmental Science and Pollution Research, 2016, 23, 12272-12286.	4.3	3
204	Sustainable approach for recycling seafood wastes for the removal of priority hazardous substances (Hg and Cd) from water. Journal of Environmental Chemical Engineering, 2016, 4, 1199-1208.	6.1	20
205	Structural and Functional Responses of Macrobenthic Communities to Mercury Contamination. Water, Air, and Soil Pollution, 2016, 227, .	2.8	8
206	A framework to measure the availability of engineered nanoparticles in soils: Trends in soil tests and analytical tools. TrAC - Trends in Analytical Chemistry, 2016, 75, 129-140.	11.1	80
207	The significance of cephalopod beaks in marine ecology studies: Can we use beaks for DNA analyses and mercury contamination assessment?. Marine Pollution Bulletin, 2016, 103, 220-226.	4.9	24
208	Fish and mercury: Influence of fish fillet culinary practices on human risk. Food Control, 2016, 60, 575-581.	6.1	36
209	Optimized graphene oxide foam with enhanced performance and high selectivity for mercury removal from water. Journal of Hazardous Materials, 2016, 301, 453-461.	12.5	97
210	Evaluation of cotton burdock (Arctium tomentosum Mill.) responses to multi-metal exposure. Environmental Science and Pollution Research, 2016, 24, 5431-5438.	4.3	2
211	Cytotoxicity and oxidative stress responses of silica-coated iron oxide nanoparticles in CHSE-214 cells. Environmental Science and Pollution Research, 2016, 24, 2055-2064.	4.3	20
212	Aluminium oxide nanoparticles induced morphological changes, cytotoxicity and oxidative stress in Chinook salmon (CHSEâ€214) cells. Journal of Applied Toxicology, 2015, 35, 1133-1140.	3.0	42
213	Are Early Somatic Embryos of the Norway Spruce (Picea abies (L.) Karst.) Organised?. PLoS ONE, 2015, 10, e0144093.	2.3	4
214	Jacks of metal/metalloid chelation trade in plantsÃ¢â‚¬â€an overview. Frontiers in Plant Science, 2015, 6, .	4.1	173
215	ATP-sulfurylase, sulfur-compounds, and plant stress tolerance. Frontiers in Plant Science, 2015, 6, .	4.1	176
216	Assessment of cytotoxicity and oxidative stress induced by titanium oxide nanoparticles on Chinook salmon cells. Environmental Science and Pollution Research, 2015, 22, 15571-15578.	4.3	16

#	Article	IF	Citations
217	Evaluation of zinc accumulation, allocation, and tolerance in Zea mays L. seedlings: implication for zinc phytoextraction. Environmental Science and Pollution Research, 2015, 22, 15443-15448.	4.3	9
218	Lipid peroxidation and its control in Anguilla anguilla hepatocytes under silica-coated iron oxide nanoparticles (with or without mercury) exposure. Environmental Science and Pollution Research, 2015, 22, 9617-9625.	4.3	6
219	Field transplantation of the bivalve Scrobicularia plana along a mercury gradient in Ria de Aveiro (Portugal): Uptake and depuration kinetics. Science of the Total Environment, 2015, 512-513, 55-61.	8.4	9
220	Nanoscale copper in the soilâ€“plant system â€“ toxicity and underlying potential mechanisms. Environmental Research, 2015, 138, 306-325.	7.8	136
221	Testing single extraction methods and in vitro tests to assess the geochemical reactivity and human bioaccessibility of silver in urban soils amended with silver nanoparticles. Chemosphere, 2015, 135, 304-311.	8.2	27
222	Study on bioaccumulation and biosorption of mercury by living marine macroalgae: Prospecting for a new remediation biotechnology applied to saline waters. Chemical Engineering Journal, 2015, 281, 759-770.	12.0	130
223	Extraction of available and labile fractions of mercury from contaminated soils: The role of operational parameters. Geoderma, 2015, 259-260, 213-223.	6.3	29
224	Size-Dependent Arsenic Accumulation in Scrobicularia plana in a Temperate Coastal Lagoon (Ria de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	15
225	Kinetics of Mercury Accumulation and Elimination in Edible Glass Eel (Anguilla anguilla) and Potential Health Public Risks. Water, Air, and Soil Pollution, 2015, 226, .	2.8	5
226	Soilâ€“pore water distribution of silver and gold engineered nanoparticles in undisturbed soils under unsaturated conditions. Chemosphere, 2015, 136, 86-94.	8.2	11
227	Mercury accumulation in gentoo penguins Pygoscelis papua: spatial, temporal and sexual intraspecific variations. Polar Biology, 2015, 38, 1335-1343.	1.2	15
228	Rescheduling the process of nanoparticle removal used for water mercury remediation can increase the risk to aquatic organism: evidence of innate immune functions modulation in European eel (Anguilla anguilla L.). Environmental Science and Pollution Research, 2015, 22, 18574-18589.	4.3	5
229	Metal partitioning and availability in estuarine surface sediments: Changes promoted by feeding activity of Scrobicularia plana and Liza ramada. Estuarine, Coastal and Shelf Science, 2015, 167, 240-247.	2.4	11
230	Impairment of mitochondrial energy metabolism of two marine fish by in vitro mercuric chloride exposure. Marine Pollution Bulletin, 2015, 97, 488-493.	4.9	17
231	An international proficiency test as a tool to evaluate mercury determination in environmental matrices. TrAC - Trends in Analytical Chemistry, 2015, 64, 136-148.	11.1	9
232	Thermo-desorption: A valid tool for mercury speciation in soils and sediments?. Geoderma, 2015, 237-238, 98-104.	6.3	79
233	Barn owl feathers as biomonitors of mercury: sources of variation in sampling procedures. Ecotoxicology, 2015, 25, 469-480.	2.6	25
234	Evaluation of cytotoxicity, morphological alterations and oxidative stress in Chinook salmon cells exposed to copper oxide nanoparticles. Protoplasma, 2015, 253, 873-884.	2.2	41

#	Article	IF	Citations
235	Feathers as a Tool to Assess Mercury Contamination in Gentoo Penguins: Variations at the Individual Level. PLoS ONE, 2015, 10, e0137622.	2.3	14
236	The role of operational parameters on the uptake of mercury by dithiocarbamate functionalized particles. Chemical Engineering Journal, 2014, 254, 559-570.	12.0	23
237	Oxidative stress status, antioxidant metabolism and polypeptide patterns in Juncus maritimus shoots exhibiting differential mercury burdens in Ria de Aveiro coastal lagoon (Portugal). Environmental Science and Pollution Research, 2014, 21, 6652-6661.	4.3	10
238	Metal/metalloid stress tolerance in plants: role of ascorbate, its redox couple, and associated enzymes. Protoplasma, 2014, 251, 1265-1283.	2.2	139
239	Extraction of mercury water-soluble fraction from soils: An optimization study. Geoderma, 2014, 213, 255-260.	6.3	38
240	Urban agriculture in Portugal: Availability of potentially toxic elements for plant uptake. Applied Geochemistry, 2014, 44, 27-37.	3.3	24
241	Ferromagnetic Sorbents Based on Nickel Nanowires for Efficient Uptake of Mercury from Water. ACS Applied Materials & Interfaces, 2014, 6, 8274-8280.	8.0	35
242	Single-bilayer graphene oxide sheet impacts and underlying potential mechanism assessment in germinating faba bean (Vicia faba L.). Science of the Total Environment, 2014, 472, 834-841.	8.4	157
243	Competitive effects on mercury removal by an agricultural waste: application to synthetic and natural spiked waters. Environmental Technology (United Kingdom), 2014, 35, 661-673.	2.3	19
244	Temporal characterization of mercury accumulation at different trophic levels and implications for metal biomagnification along a coastal food web. Marine Pollution Bulletin, 2014, 87, 39-47.	4.9	34
245	Oral bioaccessibility and human exposure to anthropogenic and geogenic mercury in urban, industrial and mining areas. Science of the Total Environment, 2014, 496, 649-661.	8.4	29
246	Scrobicularia plana (Mollusca, Bivalvia) as a biomonitor for mercury contamination in Portuguese estuaries. Ecological Indicators, 2014, 46, 447-453.	7.2	29
247	A Multidisciplinary Approach to Evaluate the Efficiency of a Clean-Up Technology to Remove Mercury from Water. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 138-143.	2.1	3
248	Salt Marsh Halophyte Services to Metalâ€“Metalloid Remediation: Assessment of the Processes and Underlying Mechanisms. Critical Reviews in Environmental Science and Technology, 2014, 44, 2038-2106.	13.3	67
249	Mercury Bioaccumulation in the Egyptian Mongoose (Herpestes ichneumon): Geographical, Tissue, Gender and Age Differences. Water, Air, and Soil Pollution, 2014, 225, .	2.8	7
250	Brain glutathione redox system significance for the control of silica-coated magnetite nanoparticles with or without mercury co-exposures mediated oxidative stress in European eel (Anguilla anguilla) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.3	13
251	Efficiency of a cleanup technology to remove mercury from natural waters by means of rice husk biowaste: ecotoxicological and chemical approach. Environmental Science and Pollution Research, 2014, 21, 8146-8156.	4.3	7
252	Mercury accumulation and tissue-specific antioxidant efficiency in the wild European sea bass (Dicentrarchus labrax) with emphasis on seasonality. Environmental Science and Pollution Research, 2014, 21, 10638-10651.	4.3	17

#	Article	IF	Citations
253	Improvement of historic reinforced concrete/mortars by impregnation and electrochemical methods. Cement and Concrete Composites, 2014, 49, 50-58.	12.8	47
254	Modulation of glutathione and its dependent enzymes in gill cells of Anguilla anguilla exposed to silica coated iron oxide nanoparticles with or without mercury co-exposure under in vitro condition. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 162, 7-14.	3.1	18
255	Long-term monitoring of a mercury contaminated estuary (Ria de Aveiro, Portugal): the effect of weather events and management in mercury transport. Hydrological Processes, 2014, 28, 352-360.	2.6	31
256	Juncus maritimus root biochemical assessment for its mercury stabilization potential in Ria de Aveiro coastal lagoon (Portugal). Environmental Science and Pollution Research, 2014, 22, 2231-2238.	4.3	10
257	Plant-beneficial elements status assessment in soil-plant system in the vicinity of a chemical industry complex: shedding light on forage grass safety issues. Environmental Science and Pollution Research, 2014, 22, 2239-2246.	4.3	14
258	Lipids and proteinsâ€"major targets of oxidative modifications in abiotic stressed plants. Environmental Science and Pollution Research, 2014, 22, 4099-4121.	4.3	331
259	Too much is badâ€"an appraisal of phytotoxicity of elevated plant-beneficial heavy metal ions. Environmental Science and Pollution Research, 2014, 22, 3361-3382.	4.3	135
260	Interference of the co-exposure of mercury with silica-coated iron oxide nanoparticles can modulate genotoxicity induced by their individual exposuresâ€"a paradox depicted in fish under in vitro conditions. Environmental Science and Pollution Research, 2014, 22, 3687-3696.	4.3	14
261	Single-bilayer graphene oxide sheet tolerance and glutathione redox system significance assessment in faba bean (Vicia faba L.). Journal of Nanoparticle Research, 2013, 15, .	2.4	62
262	Silver nanoparticles in soilâ€"plant systems. Journal of Nanoparticle Research, 2013, 15, .	2.4	173
263	Risks associated with the transfer of toxic organo-metallic mercury from soils into the terrestrial feed chain. Environment International, 2013, 59, 408-417.	10.2	33
264	Valuation of Unmodified Rice Husk Waste as an Eco-Friendly Sorbent to Remove Mercury: a Study Using Environmental Realistic Concentrations. Water, Air, and Soil Pollution, 2013, 224, .	2.8	45
265	Glutathione and glutathione reductase: A boon in disguise for plant abiotic stress defense operations. Plant Physiology and Biochemistry, 2013, 70, 204-212.	5.5	505
266	Coreâ€"shell magnetite-silica dithiocarbamate-derivatised particles achieve the Water Framework Directive quality criteria for mercury in surface waters. Environmental Science and Pollution Research, 2013, 20, 5963-5974.	4.3	22
267	PCBs in the fish assemblage of a southern European estuary. Journal of Sea Research, 2013, 76, 22-30.	2.6	14
268	Major and minor element geochemistry of deep-sea sediments in the Azores Platform and southern seamount region. Marine Pollution Bulletin, 2013, 75, 264-275.	4.9	9
269	Mercuryâ€™s mitochondrial targeting with increasing age in Scrobicularia plana inhabiting a contaminated lagoon: Damage-protection dichotomy and organ specificities. Chemosphere, 2013, 92, 1231-1237.	8.2	4
270	The effects of mercury on the dynamics of the peracarida community in a temperate coastal lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2013, 72, 188-196.	4.9	19

#	Article	IF	Citations
271	Mercury bioaccumulation and decontamination kinetics in the edible cockle Cerastoderma edule. Chemosphere, 2013, 90, 1854-1859.	8.2	19
272	Morphological, compositional and ultrastructural changes in the Scrobicularia plana shell in response to environmental mercury â€“ An indelible fingerprint of metal exposure?. Chemosphere, 2013, 90, 2697-2704.	8.2	2
273	Changes in zooplankton communities along a mercury contamination gradient in a coastal lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2013, 76, 170-177.	4.9	29
274	Influence of age, sex and breeding status on mercury accumulation patterns in the wandering albatross Diomedea exulans. Environmental Pollution, 2013, 181, 315-320.	7.7	64
275	Impact of mercury contamination on the population dynamics of Peringia ulvae (Gastropoda): Implications on metal transfer through the trophic web. Estuarine, Coastal and Shelf Science, 2013, 129, 189-197.	2.4	24
276	Nanoscale materials and their use in water contaminants removalâ€”a review. Environmental Science and Pollution Research, 2013, 20, 1239-1260.	4.3	229
277	Mercury biomagnification in a contaminated estuary food web: Effects of age and trophic position using stable isotope analyses. Marine Pollution Bulletin, 2013, 69, 110-115.	4.9	82
278	Glutathione and its dependent enzymesâ€™ modulatory responses to toxic metals and metalloids in fishâ€”a review. Environmental Science and Pollution Research, 2013, 20, 2133-2149.	4.3	194
279	Risk assessment for Cd, Cu, Pb and Zn in urban soils: Chemical availability as the central concept. Environmental Pollution, 2013, 183, 234-242.	7.7	116
280	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. Journal of Materials Chemistry A, 2013, 1, 8134.	9.3	82
281	Mercury bioaccumulation and the population dynamics of Mesopodopsis slabberi (Crustacea:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.6	11
282	A costâ€“effective and eco-friendly treatment technology to remove realistic levels of mercury by means of the unmodified rice husk. E3S Web of Conferences, 2013, 1, 25002.	0.5	2
283	Cork stoppers as an effective sorbent for water treatment: the removal of mercury at environmentally relevant concentrations and conditions. Environmental Science and Pollution Research, 2013, 21, 2108-2121.	4.3	46
284	Modulation of glutathione and its related enzymes in plantsâ€™ responses to toxic metals and metalloidsâ€”A review. Environmental and Experimental Botany, 2012, , .	4.7	96
285	Salt marsh macrophyte Phragmites australis strategies assessment for its dominance in mercury-contaminated coastal lagoon (Ria de Aveiro, Portugal). Environmental Science and Pollution Research, 2012, 19, 2879-2888.	4.3	26
286	Trace elements in two marine fish species during estuarine residency: Non-essential versus essential. Marine Pollution Bulletin, 2012, 64, 2844-2848.	4.9	12
287	Mercury uptake and allocation in Juncus maritimus: implications for phytoremediation and restoration of a mercury contaminated salt marsh. Journal of Environmental Monitoring, 2012, 14, 2181.	2.1	18
288	Development and validation of a simple thermo-desorption technique for mercury speciation in soils and sediments. Talanta, 2012, 99, 363-368.	5.9	76

#	Article	IF	Citations
289	Optical Fiber Bioanalyzer Based on Enzymatic Coating Matrix for Catecholamines and Their Metabolites Assessment in Patients With Down Syndrome. IEEE Sensors Journal, 2012, 12, 76-84.	3.6	3
290	Water column characterisation on the Azores platform and at the sea mounts south of the archipelago. Marine Pollution Bulletin, 2012, 64, 1884-1894.	4.9	9
291	Soilâ€“plantâ€“animal transfer models to improve soil protection guidelines: A case study from Portugal. Environment International, 2012, 39, 27-37.	10.2	55
292	Derivation of soil to plant transfer functions for metals and metalloids: impact of contaminantâ€™s availability. Plant and Soil, 2012, 361, 329-341.	3.3	36
293	Mercury-Induced Chromosomal Damage in Wild Fish (Dicentrarchus labrax L.) Reflecting Aquatic Contamination in Contrasting Seasons. Archives of Environmental Contamination and Toxicology, 2012, 63, 554-562.	2.1	12
294	Mercury contaminated systems under recovery can represent an increased risk to seafood human consumers â€“ A paradox depicted in bivalvesâ€™ body burdens. Food Chemistry, 2012, 133, 665-670.	9.6	23
295	The effects of changes to estuarine hydrology on system phosphorous retention capacity: The Mondego estuary, Portugal. Estuarine, Coastal and Shelf Science, 2012, 99, 85-94.	2.4	11
296	Role of non-enzymatic antioxidants on the bivalves' adaptation to environmental mercury: Organ-specificities and age effect in Scrobicularia plana inhabiting a contaminated lagoon. Environmental Pollution, 2012, 163, 218-225.	7.7	23
297	Phenological development stages variation versus mercury tolerance, accumulation, and allocation in salt marsh macrophytes Triglochin maritima and Scirpus maritimus prevalent in Ria de Aveiro coastal lagoon (Portugal). Environmental Science and Pollution Research, 2012, 20, 3910-3922.	4.3	8
298	Eriophorum angustifolium and Lolium perenne metabolic adaptations to metals- and metalloids-induced anomalies in the vicinity of a chemical industrial complex. Environmental Science and Pollution Research, 2012, 20, 568-581.	4.3	25
299	Major inputs and mobility of potentially toxic elements contamination in urban areas. Environmental Monitoring and Assessment, 2012, 185, 279-294.	2.9	54
300	Lipid peroxidation vs. antioxidant modulation in the bivalve Scrobicularia plana in response to environmental mercuryâ€”Organ specificities and age effect. Aquatic Toxicology, 2011, 103, 150-158.	4.3	59
301	Brain as a critical target of mercury in environmentally exposed fish (Dicentrarchus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262	4.3	59
302	Mercury accumulation patterns and biochemical endpoints in wild fish (Liza aurata): A multi-organ approach. Ecotoxicology and Environmental Safety, 2011, 74, 2225-2232.	6.2	18
303	Removal of mercury (II) by dithiocarbamate surface functionalized magnetite particles: Application to synthetic and natural spiked waters. Water Research, 2011, 45, 5773-5784.	12.5	102
304	Breath analysis by optical fiber sensor for the determination of exhaled organic compounds with a view to diagnostics. Talanta, 2011, 83, 1586-1594.	5.9	49
305	Monomethylmercury behaviour in sediments collected from a mercury-contaminated lagoon. International Journal of Environmental Analytical Chemistry, 2011, 91, 49-61.	3.2	10
306	Fixed-bed removal of Hg2+ from contaminated water by microporous titanosilicate ETS-4: Experimental and theoretical breakthrough curves. Microporous and Mesoporous Materials, 2011, 145, 32-40.	4.6	50

#	Article	IF	Citations
307	Fish consumption and risk of contamination by mercury â€“ Considerations on the definition of edible parts based on the case study of European sea bass. Marine Pollution Bulletin, 2011, 62, 2850-2853.	4.9	18
308	Lifespan mercury accumulation pattern in Liza aurata: Evidence from two southern European estuaries. Estuarine, Coastal and Shelf Science, 2011, 94, 315-321.	2.4	19
309	Mercury cycling and sequestration in salt marshes sediments: An ecosystem service provided by Juncus maritimus and Scirpus maritimus. Environmental Pollution, 2011, 159, 1869-1876.	7.7	58
310	Immunosuppression in the infaunal bivalve Scrobicularia plana environmentally exposed to mercury and association with its accumulation. Chemosphere, 2011, 82, 1541-1546.	8.2	22
311	The water-soluble fraction of potentially toxic elements in contaminated soils: Relationships between ecotoxicity, solubility and geochemical reactivity. Chemosphere, 2011, 84, 1495-1505.	8.2	36
312	Metallothioneins failed to reflect mercury external levels of exposure and bioaccumulation in marine fish â€“ Considerations on tissue and species specific responses. Chemosphere, 2011, 85, 114-121.	8.2	52
313	Potassium-induced alleviation of salinity stress in Brassica campestris L.. Open Life Sciences, 2011, 6, 1054-1063.	1.3	21
314	Protection of growth and photosynthesis of Brassica juncea genotype with dual type sulfur transport system against sulfur deprivation by coordinate changes in the activities of sulfur metabolism enzymes and cysteine and glutathione production. Russian Journal of Plant Physiology, 2011, 58, 892-898.	1.0	7
315	Impact of Seasonal Fluctuations on the Sediment-Mercury, its Accumulation and Partitioning in Halimione portulacoides and Juncus maritimus Collected from Ria de Aveiro Coastal Lagoon (Portugal). Water, Air, and Soil Pollution, 2011, 222, 1-15.	2.8	43
316	Differential Sex, Morphotype and Tissue Accumulation of Mercury in the Crab Carcinus maenas. Water, Air, and Soil Pollution, 2011, 222, 65-75.	2.8	12
317	Performance of Ex Situ Bismuth Film Rotating Disk Electrode in Trace Metal Analysis by Stripping Chronopotentiometry: Definition of the Depletion Regime and Optimization of Experimental Parameters. Electroanalysis, 2011, 23, 1891-1900.	2.2	9
318	Optical fibre-based methodology for screening the effect of probiotic bacteria on conjugated linoleic acid (CLA) in curdled milk. Food Chemistry, 2011, 127, 222-227.	9.6	21
319	Elemental analysis for categorization of wines and authentication of their certified brand of origin. Journal of Food Composition and Analysis, 2011, 24, 548-562.	4.4	84
320	Removal of Arsenic from Aqueous Solutions by Sorption onto Sewage Sludge-Based Sorbent. Water, Air, and Soil Pollution, 2011, 223, 2311-2321.	2.8	41
321	Evaluation of Species-Specific Dissimilarities in Two Marine Fish Species: Mercury Accumulation as a Function of Metal Levels in Consumed Prey. Archives of Environmental Contamination and Toxicology, 2011, 63, 125-136.	2.1	23
322	Kinetics of Mercury Bioaccumulation in the Polychaete Hediste diversicolor and in the Bivalve Scrobicularia plana, Through a Dietary Exposure Pathway. Water, Air, and Soil Pollution, 2011, 223, 421-428.	2.8	9
323	Sources of potentially toxic elements and organic pollutants in an urban area subjected to an industrial impact. Environmental Monitoring and Assessment, 2011, 184, 15-32.	2.9	49
324	Hg transfer from contaminated soils to plants and animals. Environmental Chemistry Letters, 2011, 10, 61-67.	18.9	45

#	Article	IF	Citations
325	Are Great Tits (Parus major) Inhabiting the Vicinity of a Pulp Mill Healthy? Impacts on Physiology and Breeding Performance. Archives of Environmental Contamination and Toxicology, 2010, 59, 502-512.	2.1	5
326	Effect of pH and temperature on Hg2+ water decontamination using ETS-4 titanosilicate. Journal of Hazardous Materials, 2010, 175, 439-444.	12.5	36
327	Antioxidant system breakdown in brain of feral golden grey mullet (Liza aurata) as an effect of mercury exposure. Ecotoxicology, 2010, 19, 1034-1045.	2.6	56
328	Mercury bioaccumulation in the spotted dogfish (Scyliorhinus canicula) from the Atlantic Ocean. Marine Pollution Bulletin, 2010, 60, 1372-1375.	4.9	34
329	Mercury partition in the interface between a contaminated lagoon and the ocean: The role of particulate load and composition. Marine Pollution Bulletin, 2010, 60, 1658-1666.	4.9	17
330	Daily and inter-tidal variations of Fe, Mn and Hg in the water column of a contaminated salt marsh: Halophytes effect. Estuarine, Coastal and Shelf Science, 2010, 88, 91-98.	2.4	17
331	Evaluation of an approach for the characterization of reactive and available pools of twenty potentially toxic elements in soils: Part I â€“ The role of key soil properties in the variation of contaminantsâ€™ reactivity. Chemosphere, 2010, 81, 1549-1559.	8.2	89
332	Extractability and mobility of mercury from agricultural soils surrounding industrial and mining contaminated areas. Chemosphere, 2010, 81, 1369-1377.	8.2	89
333	Evaluation of an approach for the characterization of reactive and available pools of 20 potentially toxic elements in soils: Part II â€“ Solid-solution partition relationships and ion activity in soil solutions. Chemosphere, 2010, 81, 1560-1570.	8.2	47
334	Silica coated magnetite particles for magnetic removal of Hg2+ from water. Journal of Colloid and Interface Science, 2010, 345, 234-240.	9.9	353
335	Water-soluble fraction of mercury, arsenic and other potentially toxic elements in highly contaminated sediments and soils. Chemosphere, 2010, 78, 1301-1312.	8.2	54
336	Fluorescence characterization of daily and intertidal changes in estuarine water DOM related to the presence of Sarcocornia perennis (L.) A.J. Scott. Organic Geochemistry, 2010, 41, 734-741.	1.9	2
337	Assessment of Mercury in Water, Sediments and Biota of a Southern European Estuary (Sado Estuary,) Tj ETQq1 1 0.784314 rgBT /Over	2.8	29
338	Kinetics of Mercury Accumulation and Its Effects on Ulva lactuca Growth Rate at Two Salinities and Exposure Conditions. Water, Air, and Soil Pollution, 2010, 217, 689-699.	2.8	32
339	Mercury Organotropism in Feral European Sea Bass (Dicentrarchus labrax). Archives of Environmental Contamination and Toxicology, 2010, 61, 135-143.	2.1	23
340	Mercury contamination in the vicinity of a chlor-alkali plant and potential risks to local population. Science of the Total Environment, 2009, 407, 2689-2700.	8.4	89
341	Contribution of primary producers to mercury trophic transfer in estuarine ecosystems: Possible effects of eutrophication. Marine Pollution Bulletin, 2009, 58, 358-365.	4.9	23
342	Mercury in sediments of the Azores deep sea platform and on sea mounts south of the archipelago â€“ Assessment of background concentrations. Marine Pollution Bulletin, 2009, 58, 1583-1587.	4.9	10

#	Article	IF	Citations
343	Removal of Hg2+ ions from aqueous solution by ETS-4 microporous titanosilicateâ€"Kinetic and equilibrium studies. Chemical Engineering Journal, 2009, 151, 247-254.	12.0	49
344	Effect of pH on cadmium (II) removal from aqueous solution using titanosilicate ETS-4. Chemical Engineering Journal, 2009, 155, 728-735.	12.0	28
345	Cadmium(II) removal from aqueous solution using microporous titanosilicate ETS-4. Chemical Engineering Journal, 2009, 147, 173-179.	12.0	47
346	Cadmium(II) removal from aqueous solution using microporous titanosilicate ETS-10. Chemical Engineering Journal, 2009, 155, 108-114.	12.0	23
347	Priority pollutants (Hg2+ and Cd2+) removal from water by ETS-4 titanosilicate. Desalination, 2009, 249, 742-747.	9.4	35
348	A review of regulatory decisions for environmental protection: Part I â€" Challenges in the implementation of national soil policies. Environment International, 2009, 35, 202-213.	10.2	83
349	A review of regulatory decisions for environmental protection: Part IIâ€"The case-study of contaminated land management in Portugal. Environment International, 2009, 35, 214-225.	10.2	32
350	Mercury intracellular partitioning and chelation in a salt marsh plant, Halimione portulacoides (L.) Aellen: Strategies underlying tolerance in environmental exposure. Chemosphere, 2009, 74, 530-536.	8.2	47
351	Accumulation, distribution and cellular partitioning of mercury in several halophytes of a contaminated salt marsh. Chemosphere, 2009, 76, 1348-1355.	8.2	75
352	Different mercury bioaccumulation kinetics by two macrobenthic species: The bivalve Scrobicularia plana and the polychaete Hediste diversicolor. Marine Environmental Research, 2009, 68, 12-18.	2.8	27
353	Relationships Between Carbon Sources, Trophic Level and Mercury Exposure in Generalist Shorebirds Revealed by Stable Isotope Ratios in Chicks. Waterbirds, 2009, 32, 311-321.	0.4	15
354	Mercury distribution in key tissues of fish (Liza aurata) inhabiting a contaminated estuaryâ€"implications for human and ecosystem health risk assessment. Journal of Environmental Monitoring, 2009, 11, 1004.	2.1	95
355	Pollution Problems in the Northeast Atlantic: Lessons Learned for Emerging Pollutants such as the Platinum Group Elements. Ambio, 2009, 38, 17-23.	3.9	3
356	The Influence of Diet on Mercury Intake by Little Tern Chicks. Archives of Environmental Contamination and Toxicology, 2008, 55, 317-328.	2.1	14
357	Mercury removal with titanosilicate ETS-4: Batch experiments and modelling. Microporous and Mesoporous Materials, 2008, 115, 98-105.	4.6	42
358	Evaluation of an interlaboratory proficiency-testing exercise for total mercury in environmental samples of soils, sediments and fish tissue. TrAC - Trends in Analytical Chemistry, 2008, 27, 959-970.	11.1	25
359	Mercury fluxes between an impacted coastal lagoon and the Atlantic Ocean. Estuarine, Coastal and Shelf Science, 2008, 76, 787-796.	2.4	23
360	Variation in the mobilization of mercury into Black-winged Stilt Himantopus himantopus chicks in coastal saltpans, as revealed by stable isotopes. Estuarine, Coastal and Shelf Science, 2008, 77, 65-76.	2.4	19

#	Article	IF	Citations
361	The role of two sediment-dwelling invertebrates on the mercury transfer from sediments to the estuarine trophic web. Estuarine, Coastal and Shelf Science, 2008, 78, 505-512.	2.4	37
362	Inputs of organic carbon from Ria de Aveiro coastal lagoon to the Atlantic Ocean. Estuarine, Coastal and Shelf Science, 2008, 79, 751-757.	2.4	16
363	Granulometric selectivity in Liza ramado and potential contamination resulting from heavy metal load in feeding areas. Estuarine, Coastal and Shelf Science, 2008, 80, 281-288.	2.4	11
364	The macrobenthic community along a mercury contamination in a temperate estuarine system (Ria de) Tj ETQq0 0 0 rgBT /Overlock 10	8.4	74
365	Assessment of methylmercury production in a temperate salt marsh (Ria de Aveiro Lagoon, Portugal). Marine Pollution Bulletin, 2008, 56, 153-158.	4.9	20
366	Influence of tidal resuspension on seston lithogenic and biogenic partitioning in shallow estuarine systems: Implications for sampling. Marine Pollution Bulletin, 2008, 56, 348-354.	4.9	38
367	Influence of bioturbation by Hediste diversicolor on mercury fluxes from estuarine sediments: A mesocosms laboratory experiment. Marine Pollution Bulletin, 2008, 56, 325-334.	4.9	23
368	Antioxidant and biotransformation responses in Liza aurata under environmental mercury exposure â€“ Relationship with mercury accumulation and implications for public health. Marine Pollution Bulletin, 2008, 56, 845-859.	4.9	83
369	Pattern and pathways for mercury lifespan bioaccumulation in Carcinus maenas. Marine Pollution Bulletin, 2008, 56, 1104-1110.	4.9	35
370	Inputs from a Mercury-Contaminated Lagoon: Impact on the Nearshore Waters of the Atlantic Ocean. Journal of Coastal Research, 2008, 2, 28-38.	0.4	12
371	Erythrocytic nuclear abnormalities in wild and caged fish (Liza aurata) along an environmental mercury contamination gradient. Ecotoxicology and Environmental Safety, 2008, 70, 411-421.	6.2	110
372	Long-term effects of mercury in a salt marsh: Hysteresis in the distribution of vegetation following recovery from contamination. Chemosphere, 2008, 71, 765-772.	8.2	37
373	Mercury mobility in a salt marsh colonised by Halimione portulacoides. Chemosphere, 2008, 72, 1607-1613.	8.2	41
374	Mercury in salt marshes ecosystems: Halimione portulacoides as biomonitor. Chemosphere, 2008, 73, 1224-1229.	8.2	34
375	Uptake of Hg2+ from aqueous solutions by microporous titano- and zircono-silicates. Quimica Nova, 2008, 31, 321-325.	0.2	26
376	The influence of anthropogenic and natural geochemical factors on urban soil quality variability: a comparison between Glasgow, UK and Aveiro, Portugal. Environmental Chemistry Letters, 2008, 7, 141-148.	18.9	34
377	Mercury pollution in Ria de Aveiro (Portugal): a review of the system assessment. Environmental Monitoring and Assessment, 2008, 155, 39-49.	2.9	125
378	Controlling factors and environmental implications of mercury contamination in urban and agricultural soils under a long-term influence of a chlor-alkali plant in the Northâ€“West Portugal. Environmental Geology, 2008, 57, 91-98.	1.0	17

#	Article	IF	Citations
379	Fluorescence and DOC contents of estuarine pore waters from colonized and non-colonized sediments: Effects of sampling preservation. Chemosphere, 2007, 67, 211-220.	8.2	40
380	Removal of low concentration Hg2+ from natural waters by microporous and layered titanosilicates. Microporous and Mesoporous Materials, 2007, 103, 325-332.	4.6	59
381	Metal-contaminated sediments in a semi-closed basin: Implications for recovery. Estuarine, Coastal and Shelf Science, 2007, 71, 148-158.	2.4	30
382	Nutrient dynamics and seasonal succession of phytoplankton assemblages in a Southern European Estuary: Ria de Aveiro, Portugal. Estuarine, Coastal and Shelf Science, 2007, 71, 480-490.	2.4	66
383	Mercury contamination in invertebrate biota in a temperate coastal lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2007, 54, 475-480.	4.9	18
384	Total mercury in sediments from mud volcanoes in Gulf of Cadiz. Marine Pollution Bulletin, 2007, 54, 1539-1544.	4.9	7
385	Une revue sur des Ã©tudes de contamination de mercure dans la lagune cÃ´tiÃ¨re Â«ÂRia de AveiroÂÂ», Portugal. Houille Blanche, 2007, 93, 35-39.	0.5	5
386	Mercury cycling between the water column and surface sediments in a contaminated area. Water Research, 2006, 40, 2893-2900.	12.5	49
387	Determination of Organic Mercury in Biota, Plants and Contaminated Sediments Using a Thermal Atomic Absorption Spectrometry Technique. Water, Air, and Soil Pollution, 2006, 174, 223-234.	2.8	49
388	Pattern and annual rates of Scrobicularia plana mercury bioaccumulation in a human induced mercury gradient (Ria de Aveiro, Portugal). Estuarine, Coastal and Shelf Science, 2006, 69, 629-635.	2.4	51
389	Spatial distribution of total Hg in urban soils from an Atlantic coastal city (Aveiro, Portugal). Science of the Total Environment, 2006, 368, 40-46.	8.4	46
390	Mercury in urban soils: A comparison of local spatial variability in six European cities. Science of the Total Environment, 2006, 368, 926-936.	8.4	72
391	Can Nassarius reticulatus be used as a bioindicator for Hg contamination? Results from a longitudinal study of the Portuguese coastline. Marine Pollution Bulletin, 2006, 52, 674-680.	4.9	19
392	Accumulation versus remobilization of mercury in sediments of a contaminated lagoon. Marine Pollution Bulletin, 2006, 52, 353-356.	4.9	25
393	Seasonal fluctuations of tissue mercury contents in the European shore crab Carcinus maenas from low and high contamination areas (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2006, 52, 1450-1457.	4.9	41
394	Imposex and organotin body burden in the dog-whelk (Nucella lapillus L.) along the Portuguese coast. Applied Organometallic Chemistry, 2006, 20, 1-4.	3.8	58
395	The Assembling and Application of an Automated Segmented Flow Analyzer for the Determination of Dissolved Organic Carbon Based on UVâ€Persulphate Oxidation. Analytical Letters, 2006, 39, 1979-1992.	2.1	17
396	Macroalgae response to a mercury contamination gradient in a temperate coastal lagoon (Ria de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	119

#	Article	IF	Citations
397	Distribution of mercury in the upper sediments from a polluted area (Ria de aveiro, Portugal). Marine Pollution Bulletin, 2005, 50, 682-686.	4.9	25
398	Mercury distribution in Douro estuary (Portugal). Marine Pollution Bulletin, 2005, 50, 1218-1222.	4.9	24
399	Variation of Mercury Contamination in Chicks of Little Tern Sterna albifrons in Southwest Europe: Brood, Age, and Colony Related Effects. Bulletin of Environmental Contamination and Toxicology, 2005, 74, 177-183.	2.1	6
400	Mercury in Plants from Fields Surrounding a Contaminated Channel of Ria de Aveiro, Portugal. Soil and Sediment Contamination, 2005, 14, 571-577.	1.8	13
401	Seasonal Variation of Surface Sediments Composition in Mondego River Estuary. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 317-329.	2.0	23
402	Monitoring acid-volatile sulphide by a fast scan voltammetric method: application to mercury contamination studies in salt marsh sediments. Analytica Chimica Acta, 2004, 524, 127-131.	5.7	6
403	Distribution and accumulation of metals (Cu, Cd, Zn and Pb) in sediments of a lagoon on the northwestern coast of Portugal. Marine Pollution Bulletin, 2003, 46, 1200-1205.	4.9	50
404	Effect of Organic Matter on Determination of Reactive Mercury in Contaminated Waters. International Journal of Environmental Analytical Chemistry, 2003, 83, 81-88.	3.2	4
405	Estimation of Cu, Cd and Hg transported by plankton from a contaminated area (Ria de Aveiro). Acta Oecologica, 2003, 24, S351-S357.	1.2	46
406	Microwave treatment of biological samples for methylmercury determination by high performance liquid chromatographyâ€“cold vapour atomic fluorescence spectrometry. Analyst, The, 2001, 126, 1583-1587.	3.1	31
407	Simple methodology for methylmercury and inorganic mercury determinations by high-performance liquid chromatographyâ€“cold vapour atomic fluorescence spectrometry. Analytica Chimica Acta, 2001, 448, 135-143.	5.7	77
408	Microwave-assisted extraction for methylmercury determination in sediments by high performance liquid chromatography-cold vapour-atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2001, 16, 643-647.	3.0	43
409	Title is missing!. Wetlands Ecology and Management, 2001, 9, 311-316.	1.4	27
410	Accumulation of Mercury in Sea Bass from a Contaminated Lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2000, 40, 293-297.	4.9	93
411	Mobility of contaminants inrelation to dredging operations in a mesotidal estuary (Tagus Estuary,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	27
412	The use of a mathematical model to evaluate mercury accumulation in sediments and recovery time in a coastal lagoon (Ria de Aveiro, Portugal). Water Science and Technology, 1998, 37, .	2.6	7
413	An estimation of industrial mercury stored in sediments of a confined area of the Lagoon of Aveiro (Portugal). Water Science and Technology, 1998, 37, .	2.6	66
414	Tidal export of particulate mercury from the most contaminated area of Aveiro's Lagoon, Portugal. Science of the Total Environment, 1998, 213, 157-163.	8.4	66

#	Article	IF	Citations
415	Mobility of contaminants in relation to dredging operations in a mesotidal estuary (Tagus estuary,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	8
416	Seasonal variability in mercury inputs into the Ria de Aveiro, Portugal. Netherlands Journal of Aquatic Ecology, 1995, 29, 291-296.	0.5	12
417	Mercury desorption from contaminated sediments. Water, Air, and Soil Pollution, 1991, 56, 77-82.	2.8	16
418	Uptake and Effects of Yttrium on the Seaweed Ulva sp.: A Study on the Potential Risks of Rare Earth Elements in Aquatic Environments. Water (Switzerland), 0, 17, 3023.	2.7	1
419	Mercury concentrations, habitat and trophic position of Antimora rostrata and Macrourus holotrachys from South Georgia (Southern Ocean). Marine Pollution Bulletin, 0, 222, 118856.	4.9	0
420	From metabolites to tissues: A comprehensive analysis of salinity-driven modulation of tetracycline effects in Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 0, 300, 110383.	3.1	0
421	Ecotoxicological impacts associated with fluorescent lamp waste leachates on the marine macroalga Ulva sp.. Marine Pollution Bulletin, 0, 223, 118918.	4.9	0
422	Mechanistic insights into single and mixed platinum group metal toxicity in Mytilus galloprovincialis: An integrated biomarker approach. Journal of Hazardous Materials, 0, 502, 140913.	12.5	0
423	Species resistance and resilience to lithium and nickel stress: A comparative ecotoxicological assessment between mussels and clams. Aquatic Toxicology, 0, 292, 107718.	4.3	0
424	Remediation Potential of Ulva lactuca for Europium: Removal Efficiency, Metal Partitioning and Stress Biomarkers. Journal of Xenobiotics, 0, 16, 20.	4.5	0
425	Contrasting responses of Ruditapes philippinarum and Mytilus galloprovincialis to gadolinium and salinity stress. Aquatic Living Resources, 0, 38, 5.	1.5	0