

# Eduarda Pereira

## List of Publications by Citations

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197  
papers

5,255  
citations

39  
h-index

65  
g-index

203  
ext. papers

6,309  
ext. citations

6.5  
avg, IF

5.75  
L-index

#	Paper	IF	Citations
197	Silica coated magnetite particles for magnetic removal of Hg <sup>2+</sup> from water. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 345, 234-40	9.3	301
196	Glutathione and glutathione reductase: a boon in disguise for plant abiotic stress defense operations. <i>Plant Physiology and Biochemistry</i> , <b>2013</b> , 70, 204-12	5.4	288
195	Piriformospora indica: Potential and Significance in Plant Stress Tolerance. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 332	5.7	190
194	Lipids and proteins--major targets of oxidative modifications in abiotic stressed plants. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 4099-121	5.1	181
193	Nanoscale materials and their use in water contaminants removal-a review. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 1239-60	5.1	168
192	Catalase and ascorbate peroxidase-representative H <sub>2</sub> O <sub>2</sub> -detoxifying heme enzymes in plants. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 19002-29	5.1	136
191	Silver nanoparticles in soil-plant systems. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	121
190	Jacks of metal/metalloid chelation trade in plants-an overview. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 192	6.2	110
189	Mercury pollution in Ria de Aveiro (Portugal): a review of the system assessment. <i>Environmental Monitoring and Assessment</i> , <b>2009</b> , 155, 39-49	3.1	109
188	Single-bilayer graphene oxide sheet impacts and underlying potential mechanism assessment in germinating faba bean ( <i>Vicia faba</i> L.). <i>Science of the Total Environment</i> , <b>2014</b> , 472, 834-41	10.2	105
187	Nanoscale copper in the soil-plant system - toxicity and underlying potential mechanisms. <i>Environmental Research</i> , <b>2015</b> , 138, 306-25	7.9	102
186	Metal/metalloid stress tolerance in plants: role of ascorbate, its redox couple, and associated enzymes. <i>Protoplasma</i> , <b>2014</b> , 251, 1265-83	3.4	96
185	ATP-sulfurylase, sulfur-compounds, and plant stress tolerance. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 210	6.2	92
184	Glutathione and proline can coordinately make plants withstand the joint attack of metal(loid) and salinity stresses. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 662	6.2	87
183	Too much is bad--an appraisal of phytotoxicity of elevated plant-beneficial heavy metal ions. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 3361-82	5.1	85
182	Mercury contamination in the vicinity of a chlor-alkali plant and potential risks to local population. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 2689-700	10.2	74
181	Extractability and mobility of mercury from agricultural soils surrounding industrial and mining contaminated areas. <i>Chemosphere</i> , <b>2010</b> , 81, 1369-77	8.4	74

180	Optimized graphene oxide foam with enhanced performance and high selectivity for mercury removal from water. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 301, 453-61	12.8	70
179	Accumulation, distribution and cellular partitioning of mercury in several halophytes of a contaminated salt marsh. <i>Chemosphere</i> , <b>2009</b> , 76, 1348-55	8.4	67
178	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 8134	13	64
177	Chromium removal from contaminated waters using nanomaterials [A review]. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 118, 277-291	14.6	63
176	Elemental analysis for categorization of wines and authentication of their certified brand of origin. <i>Journal of Food Composition and Analysis</i> , <b>2011</b> , 24, 548-562	4.1	63
175	Biochemical impacts of Hg in <i>Mytilus galloprovincialis</i> under present and predicted warming scenarios. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 1129-1138	10.2	59
174	Biochemical responses and accumulation patterns of <i>Mytilus galloprovincialis</i> exposed to thermal stress and Arsenic contamination. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 954-962	7	57
173	Bioaccumulation of Hg, Cd and Pb by <i>Fucus vesiculosus</i> in single and multi-metal contamination scenarios and its effect on growth rate. <i>Chemosphere</i> , <b>2017</b> , 171, 208-222	8.4	51
172	Single-bilayer graphene oxide sheet tolerance and glutathione redox system significance assessment in faba bean ( <i>Vicia faba</i> L.). <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	51
171	Ecotoxicological effects of lanthanum in <i>Mytilus galloprovincialis</i> : Biochemical and histopathological impacts. <i>Aquatic Toxicology</i> , <b>2019</b> , 211, 181-192	5.1	49
170	Lipid peroxidation vs. antioxidant modulation in the bivalve <i>Scrobicularia plana</i> in response to environmental mercury--organ specificities and age effect. <i>Aquatic Toxicology</i> , <b>2011</b> , 103, 150-8	5.1	48
169	Thermo-desorption: A valid tool for mercury speciation in soils and sediments?. <i>Geoderma</i> , <b>2015</b> , 237-238, 98-104	6.7	47
168	Mercury transformations in resuspended contaminated sediment controlled by redox conditions, chemical speciation and sources of organic matter. <i>Geochimica Et Cosmochimica Acta</i> , <b>2018</b> , 220, 158-179	5.5	47
167	Transport phenomena of nanoparticles in plants and animals/humans. <i>Environmental Research</i> , <b>2016</b> , 151, 233-243	7.9	47
166	Recovery of Rare Earth Elements by Carbon-Based Nanomaterials-A Review. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	46
165	Simple and effective chitosan based films for the removal of Hg from waters: Equilibrium, kinetic and ionic competition. <i>Chemical Engineering Journal</i> , <b>2016</b> , 300, 217-229	14.7	46
164	Salt Marsh Halophyte Services to Metal/Metalloid Remediation: Assessment of the Processes and Underlying Mechanisms. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2014</b> , 44, 2038-2106	11.1	45
163	Chitosan-β-nipin film, a sustainable methodology for wine preservation. <i>Green Chemistry</i> , <b>2016</b> , 18, 5331-5341	5.341	44

162	Overview and challenges of mercury fractionation and speciation in soils. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 82, 109-117	14.6	43
161	Modulation of glutathione and its related enzymes in plants—responses to toxic metals and metalloids—A review. <i>Environmental and Experimental Botany</i> , <b>2011</b> , 75, 307-307	5.9	43
160	Mercury cycling between the water column and surface sediments in a contaminated area. <i>Water Research</i> , <b>2006</b> , 40, 2893-900	12.5	43
159	Genome-wide identification and expression analysis of sulfate transporter (SULTR) genes in potato ( <i>Solanum tuberosum</i> L.). <i>Planta</i> , <b>2016</b> , 244, 1167-1183	4.7	42
158	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , <b>2019</b> , 664, 626-634	10.2	38
157	Mercury removal with titanosilicate ETS-4: Batch experiments and modelling. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 115, 98-105	5.3	37
156	Impact of Seasonal Fluctuations on the Sediment-Mercury, its Accumulation and Partitioning in <i>Halimione portulacoides</i> and <i>Juncus maritimus</i> Collected from Ria de Aveiro Coastal Lagoon (Portugal). <i>Water, Air, and Soil Pollution</i> , <b>2011</b> , 222, 1-15	2.6	36
155	Cadmium(II) removal from aqueous solution using microporous titanosilicate ETS-4. <i>Chemical Engineering Journal</i> , <b>2009</b> , 147, 173-179	14.7	36
154	Removal of Arsenic from Aqueous Solutions by Sorption onto Sewage Sludge-Based Sorbent. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 2311-2321	2.6	33
153	Simultaneous removal of trace elements from contaminated waters by living <i>Ulva lactuca</i> . <i>Science of the Total Environment</i> , <b>2019</b> , 652, 880-888	10.2	33
152	Extraction of mercury water-soluble fraction from soils: An optimization study. <i>Geoderma</i> , <b>2014</b> , 213, 255-260	6.7	32
151	Improving growth and productivity of Oleiferous Brassicas under changing environment: significance of nitrogen and sulphur nutrition, and underlying mechanisms. <i>Scientific World Journal, The</i> , <b>2012</b> , 2012, 657808	2.2	32
150	Improvement of historic reinforced concrete/mortars by impregnation and electrochemical methods. <i>Cement and Concrete Composites</i> , <b>2014</b> , 49, 50-58	8.6	30
149	Aluminium oxide nanoparticles induced morphological changes, cytotoxicity and oxidative stress in Chinook salmon (CHSE-214) cells. <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 1133-40	4.1	29
148	Effect of pH and temperature on Hg <sup>2+</sup> water decontamination using ETS-4 titanosilicate. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 175, 439-44	12.8	29
147	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. <i>Science of the Total Environment</i> , <b>2016</b> , 557-558, 712-21	10.2	29
146	Ferromagnetic sorbents based on nickel nanowires for efficient uptake of mercury from water. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 8274-80	9.5	28
145	Evaluation of cytotoxicity, morphological alterations and oxidative stress in Chinook salmon cells exposed to copper oxide nanoparticles. <i>Protoplasma</i> , <b>2016</b> , 253, 873-884	3.4	27

144	Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. <i>Frontiers in Environmental Science</i> , <b>2016</b> , 4,	4.8	27
143	Kinetics of Mercury Accumulation and Its Effects on <i>Ulva lactuca</i> Growth Rate at Two Salinities and Exposure Conditions. <i>Water, Air, and Soil Pollution</i> , <b>2011</b> , 217, 689-699	2.6	24
142	Effect of pH on cadmium (II) removal from aqueous solution using titanosilicate ETS-4. <i>Chemical Engineering Journal</i> , <b>2009</b> , 155, 728-735	14.7	24
141	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. <i>Environmental Pollution</i> , <b>2020</b> , 260, 113859	9.3	24
140	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , <b>2019</b> , 175, 200-212	7.9	23
139	<i>Eriophorum angustifolium</i> and <i>Lolium perenne</i> metabolic adaptations to metals- and metalloids-induced anomalies in the vicinity of a chemical industrial complex. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 568-81	5.1	23
138	Microwave treatment of biological samples for methylmercury determination by high performance liquid chromatography-cold vapour atomic fluorescence spectrometry. <i>Analyst, The</i> , <b>2001</b> , 126, 1583-7	5	23
137	Valuation of banana peels as an effective biosorbent for mercury removal under low environmental concentrations. <i>Science of the Total Environment</i> , <b>2020</b> , 709, 135883	10.2	23
136	Ashes from fluidized bed combustion of residual forest biomass: recycling to soil as a viable management option. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 14770-14781	5.1	22
135	Influence of temperature rise on the recovery capacity of <i>Mytilus galloprovincialis</i> exposed to mercury pollution. <i>Ecological Indicators</i> , <b>2018</b> , 93, 1060-1069	5.8	22
134	Cadmium(II) removal from aqueous solution using microporous titanosilicate ETS-10. <i>Chemical Engineering Journal</i> , <b>2009</b> , 155, 108-114	14.7	22
133	A green method based on living macroalgae for the removal of rare-earth elements from contaminated waters. <i>Journal of Environmental Management</i> , <b>2020</b> , 263, 110376	7.9	21
132	Competitive Removal of Cd <sup>2+</sup> and Hg <sup>2+</sup> Ions from Water Using Titanosilicate ETS-4: Kinetic Behaviour and Selectivity. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	21
131	Changes in zooplankton communities along a mercury contamination gradient in a coastal lagoon (Ria de Aveiro, Portugal). <i>Marine Pollution Bulletin</i> , <b>2013</b> , 76, 170-7	6.7	21
130	Salt marsh macrophyte <i>Phragmites australis</i> strategies assessment for its dominance in mercury-contaminated coastal lagoon (Ria de Aveiro, Portugal). <i>Environmental Science and Pollution Research</i> , <b>2011</b> , 19, 2879-88	5.1	21
129	Uptake of Hg <sup>2+</sup> from aqueous solutions by microporous titano- and zircono-silicates. <i>Quimica Nova</i> , <b>2008</b> , 31, 321-325	1.6	21
128	Toxicological effects of the rare earth element neodymium in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , <b>2020</b> , 244, 125457	8.4	21
127	Mercury levels in Southern Ocean squid: Variability over the last decade. <i>Chemosphere</i> , <b>2020</b> , 239, 124785.4	8.4	21

126	Graphene oxide induces cytotoxicity and oxidative stress in bluegill sunfish cells. <i>Journal of Applied Toxicology</i> , <b>2018</b> , 38, 504-513	4.1	21
125	The influence of temperature and salinity on the impacts of lead in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , <b>2019</b> , 235, 403-412	8.4	20
124	Immunosuppression in the infaunal bivalve <i>Scrobicularia plana</i> environmentally exposed to mercury and association with its accumulation. <i>Chemosphere</i> , <b>2011</b> , 82, 1541-6	8.4	19
123	Seasonal variation of surface sediments composition in Mondego River estuary. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2005</b> , 40, 317-29	2.3	19
122	Assessment of Mercury in Water, Sediments and Biota of a Southern European Estuary (Sado Estuary, Portugal). <i>Water, Air, and Soil Pollution</i> , <b>2011</b> , 214, 667-680	2.6	18
121	Synergistic Aqueous Biphasic Systems: A New Paradigm for the One-Pot Hydrometallurgical Recovery of Critical Metals. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 1769-1777	8.3	18
120	Extraction of available and labile fractions of mercury from contaminated soils: The role of operational parameters. <i>Geoderma</i> , <b>2015</b> , 259-260, 213-223	6.7	17
119	Negligible effect of potentially toxic elements and rare earth elements on mercury removal from contaminated waters by green, brown and red living marine macroalgae. <i>Science of the Total Environment</i> , <b>2020</b> , 724, 138133	10.2	17
118	Oxidative stress, metabolic and histopathological alterations in mussels exposed to remediated seawater by GO-PEI after contamination with mercury. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2020</b> , 243, 110674	2.6	17
117	Modulation of glutathione and its dependent enzymes in gill cells of <i>Anguilla anguilla</i> exposed to silica coated iron oxide nanoparticles with or without mercury co-exposure under in vitro condition. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2014</b> , 162, 7-14	3.2	17
116	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 987-995	10.2	17
115	Does pre-exposure to warming conditions increase <i>Mytilus galloprovincialis</i> tolerance to Hg contamination?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2017</b> , 203, 1-11	3.2	16
114	Competitive effects on mercury removal by an agricultural waste: application to synthetic and natural spiked waters. <i>Environmental Technology (United Kingdom)</i> , <b>2014</b> , 35, 661-73	2.6	16
113	The role of operational parameters on the uptake of mercury by dithiocarbamate functionalized particles. <i>Chemical Engineering Journal</i> , <b>2014</b> , 254, 559-570	14.7	16
112	Graphene oxide/polyethyleneimine aerogel for high-performance mercury sorption from natural waters. <i>Chemical Engineering Journal</i> , <b>2020</b> , 398, 125587	14.7	16
111	Influence of toxic elements on the simultaneous uptake of rare earth elements from contaminated waters by estuarine macroalgae. <i>Chemosphere</i> , <b>2020</b> , 252, 126562	8.4	15
110	Barn owl feathers as biomonitors of mercury: sources of variation in sampling procedures. <i>Ecotoxicology</i> , <b>2016</b> , 25, 469-80	2.9	15
109	The significance of cephalopod beaks in marine ecology studies: Can we use beaks for DNA analyses and mercury contamination assessment?. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 103, 220-226	6.7	15

108	Influence of salinity and rare earth elements on simultaneous removal of Cd, Cr, Cu, Hg, Ni and Pb from contaminated waters by living macroalgae. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115374	9.3	15
107	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. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2018</b> , 131, 133-143	2.5	14
106	Potassium-induced alleviation of salinity stress in <i>Brassica campestris</i> L.. <i>Open Life Sciences</i> , <b>2011</b> , 6, 1054-1063	14	
105	Inputs of organic carbon from Ria de Aveiro coastal lagoon to the Atlantic Ocean. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 79, 751-757	2.9	14
104	What do we know about the ecotoxicological implications of the rare earth element gadolinium in aquatic ecosystems?. <i>Science of the Total Environment</i> , <b>2021</b> , 781, 146273	10.2	14
103	Mercury accumulation in gentoo penguins <i>Pygoscelis papua</i> : spatial, temporal and sexual intraspecific variations. <i>Polar Biology</i> , <b>2015</b> , 38, 1335-1343	2	13
102	Assessment of cytotoxicity and oxidative stress induced by titanium oxide nanoparticles on Chinook salmon cells. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 15571-8	5.1	13
101	Relationships Between Carbon Sources, Trophic Level and Mercury Exposure in Generalist Shorebirds Revealed by Stable Isotope Ratios in Chicks. <i>Waterbirds</i> , <b>2009</b> , 32, 311-321	0.5	13
100	Interference of the co-exposure of mercury with silica-coated iron oxide nanoparticles can modulate genotoxicity induced by their individual exposures--a paradox depicted in fish under in vitro conditions. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 3687-96	5.1	12
99	Will temperature rise change the biochemical alterations induced in <i>Mytilus galloprovincialis</i> by cerium oxide nanoparticles and mercury?. <i>Environmental Research</i> , <b>2020</b> , 188, 109778	7.9	12
98	Toxic impacts of rutile titanium dioxide in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Chemosphere</i> , <b>2020</b> , 252, 126563	8.4	12
97	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 ( <i>Anguilla anguilla</i> L.). <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 7746-56	5.1	12
96	Potential impacts of lanthanum and yttrium through embryotoxicity assays with <i>Crassostrea gigas</i> . <i>Ecological Indicators</i> , <b>2020</b> , 108, 105687	5.8	12
95	Show your beaks and we tell you what you eat: Different ecology in sympatric Antarctic benthic octopods under a climate change context. <i>Marine Environmental Research</i> , <b>2019</b> , 150, 104757	3.3	11
94	PCBs in the fish assemblage of a southern European estuary. <i>Journal of Sea Research</i> , <b>2013</b> , 76, 22-30	1.9	11
93	Mercury-induced chromosomal damage in wild fish ( <i>Dicentrarchus labrax</i> L.) reflecting aquatic contamination in contrasting seasons. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2012</b> , 63, 554-62	3.2	11
92	The influence of diet on mercury intake by little tern chicks. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2008</b> , 55, 317-28	3.2	11
91	Feathers as a Tool to Assess Mercury Contamination in Gentoo Penguins: Variations at the Individual Level. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137622	3.7	11

90	Biochemical and histopathological impacts of rutile and anatase (TiO forms) in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , <b>2020</b> , 719, 134886	10.2	11
89	Assessment of marine macroalgae potential for gadolinium removal from contaminated aquatic systems. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 141488	10.2	11
88	Experimental Measurement and Modeling of Hg(II) Removal from Aqueous Solutions Using Bark: Effect of pH, Salinity and Biosorbent Dosage. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
87	<i>Juncus maritimus</i> root biochemical assessment for its mercury stabilization potential in Ria de Aveiro coastal lagoon (Portugal). <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 2231-8	5.1	10
86	Can contaminated waters or wastewater be alternative sources for technology-critical elements? The case of removal and recovery of lanthanides. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 380, 120845	12.8	10
85	Mercury uptake and allocation in <i>Juncus maritimus</i> : implications for phytoremediation and restoration of a mercury contaminated salt marsh. <i>Journal of Environmental Monitoring</i> , <b>2012</b> , 14, 2181-8		10
84	Granulometric selectivity in <i>Liza ramada</i> and potential contamination resulting from heavy metal load in feeding areas. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 80, 281-288	2.9	10
83	Mercury biomagnification in a Southern Ocean food web. <i>Environmental Pollution</i> , <b>2021</b> , 275, 116620	9.3	10
82	Functionalized magnetite particles for adsorption of colloidal noble metal nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 475, 96-103	9.3	10
81	Genome-wide identification and expression profiling of EIL gene family in woody plant representative poplar ( <i>Populus trichocarpa</i> ). <i>Archives of Biochemistry and Biophysics</i> , <b>2017</b> , 627, 30-45	4.1	9
80	Plant-beneficial elements status assessment in soil-plant system in the vicinity of a chemical industry complex: shedding light on forage grass safety issues. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 2239-46	5.1	9
79	Metal partitioning and availability in estuarine surface sediments: Changes promoted by feeding activity of <i>Scrobicularia plana</i> and <i>Liza ramada</i> . <i>Estuarine, Coastal and Shelf Science</i> , <b>2015</b> , 167, 240-247	2.9	9
78	An international proficiency test as a tool to evaluate mercury determination in environmental matrices. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 64, 136-148	14.6	9
77	How safe are the new green energy resources for marine wildlife? The case of lithium. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115458	9.3	9
76	Green Graphene-Chitosan Sorbent Materials for Mercury Water Remediation. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	9
75	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 137798	10.2	8
74	Major, minor, trace and rare earth elements in sediments of the Bijagó archipelago, Guinea-Bissau. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 129, 829-834	6.7	8
73	Oxidative stress status, antioxidant metabolism and polypeptide patterns in <i>Juncus maritimus</i> shoots exhibiting differential mercury burdens in Ria de Aveiro coastal lagoon (Portugal). <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 6652-61	5.1	8



72	Evaluation of zinc accumulation, allocation, and tolerance in <i>Zea mays</i> L. seedlings: implication for zinc phytoextraction. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 15443-8	5.1	8
71	Inputs from a Mercury-Contaminated Lagoon: Impact on the Nearshore Waters of the Atlantic Ocean. <i>Journal of Coastal Research</i> , <b>2008</b> , 2, 28-38	0.6	8
70	Mobility of contaminants in relation to dredging operations in a mesotidal estuary (Tagus estuary, Portugal). <i>Water Science and Technology</i> , <b>1998</b> , 37, 25-31	2.2	8
69	Toxicity beyond accumulation of Titanium after exposure of <i>Mytilus galloprovincialis</i> to spiked seawater. <i>Environmental Pollution</i> , <b>2019</b> , 244, 845-854	9.3	8
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2	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water) <b>2021</b> , 1-25		
1	Biochemical alterations caused by lanthanum and gadolinium in <i>Mytilus galloprovincialis</i> after exposure and recovery periods.. <i>Environmental Pollution</i> , <b>2022</b> , 119387	9.3	

