

# Eduarda Pereira

## List of Publications by Year in descending order

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Version: 2024-02-01

201  
papers

7,385  
citations

61857

43  
h-index

71532

76  
g-index

203  
all docs

203  
docs citations

203  
times ranked

8606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione and glutathione reductase: A boon in disguise for plant abiotic stress defense operations. <i>Plant Physiology and Biochemistry</i> , 2013, 70, 204-212.	2.8	404
2	Silica coated magnetite particles for magnetic removal of Hg <sup>2+</sup> from water. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 234-240.	5.0	334
3	<i>Piriformospora indica</i> : Potential and Significance in Plant Stress Tolerance. <i>Frontiers in Microbiology</i> , 2016, 7, 332.	1.5	272
4	Lipids and proteins—major targets of oxidative modifications in abiotic stressed plants. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4099-4121.	2.7	252
5	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> , 2016, 23, 19002-19029.	2.7	248
6	Nanoscale materials and their use in water contaminants removal—a review. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1239-1260.	2.7	192
7	Jacks of metal/metalloid chelation trade in plants—An overview. <i>Frontiers in Plant Science</i> , 2015, 6, 192.	1.7	148
8	ATP-sulfurylase, sulfur-compounds, and plant stress tolerance. <i>Frontiers in Plant Science</i> , 2015, 6, 210.	1.7	145
9	Silver nanoparticles in soil—plant systems. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	144
10	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> , 2014, 472, 834-841.	3.9	137
11	Nanoscale copper in the soil—plant system— toxicity and underlying potential mechanisms. <i>Environmental Research</i> , 2015, 138, 306-325.	3.7	124
12	Metal/metalloid stress tolerance in plants: role of ascorbate, its redox couple, and associated enzymes. <i>Protoplasma</i> , 2014, 251, 1265-1283.	1.0	121
13	Mercury pollution in Ria de Aveiro (Portugal): a review of the system assessment. <i>Environmental Monitoring and Assessment</i> , 2009, 155, 39-49.	1.3	120
14	Glutathione and proline can coordinately make plants withstand the joint attack of metal(loid) and salinity stresses. <i>Frontiers in Plant Science</i> , 2014, 5, 662.	1.7	111
15	Too much is bad—an appraisal of phytotoxicity of elevated plant-beneficial heavy metal ions. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3361-3382.	2.7	108
16	Chromium removal from contaminated waters using nanomaterials— A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 277-291.	5.8	103
17	Optimized graphene oxide foam with enhanced performance and high selectivity for mercury removal from water. <i>Journal of Hazardous Materials</i> , 2016, 301, 453-461.	6.5	89
18	Ecotoxicological effects of lanthanum in <i>Mytilus galloprovincialis</i> : Biochemical and histopathological impacts. <i>Aquatic Toxicology</i> , 2019, 211, 181-192.	1.9	89

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19	Biochemical impacts of Hg in <i>Mytilus galloprovincialis</i> under present and predicted warming scenarios. <i>Science of the Total Environment</i> , 2017, 601-602, 1129-1138.	3.9	88
20	Recovery of Rare Earth Elements by Carbon-Based Nanomaterials—A Review. <i>Nanomaterials</i> , 2019, 9, 814.	1.9	87
21	Biochemical responses and accumulation patterns of <i>Mytilus galloprovincialis</i> exposed to thermal stress and Arsenic contamination. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 954-962.	2.9	85
22	Modulation of glutathione and its related enzymes in plants—responses to toxic metals and metalloids—A review. <i>Environmental and Experimental Botany</i> , 2011, 75, 307-307.	2.0	84
23	Mercury contamination in the vicinity of a chlor-alkali plant and potential risks to local population. <i>Science of the Total Environment</i> , 2009, 407, 2689-2700.	3.9	82
24	Extractability and mobility of mercury from agricultural soils surrounding industrial and mining contaminated areas. <i>Chemosphere</i> , 2010, 81, 1369-1377.	4.2	79
25	Elemental analysis for categorization of wines and authentication of their certified brand of origin. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 548-562.	1.9	77
26	Mercury transformations in resuspended contaminated sediment controlled by redox conditions, chemical speciation and sources of organic matter. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 158-179.	1.6	74
27	Accumulation, distribution and cellular partitioning of mercury in several halophytes of a contaminated salt marsh. <i>Chemosphere</i> , 2009, 76, 1348-1355.	4.2	73
28	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8134.	5.2	71
29	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2019, 664, 626-634.	3.9	67
30	Thermo-desorption: A valid tool for mercury speciation in soils and sediments?. <i>Geoderma</i> , 2015, 237-238, 98-104.	2.3	66
31	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> , 2017, 171, 208-222.	4.2	65
32	Genome-wide identification and expression analysis of sulfate transporter (SULTR) genes in potato ( <i>Solanum tuberosum</i> L.). <i>Planta</i> , 2016, 244, 1167-1183.	1.6	64
33	Overview and challenges of mercury fractionation and speciation in soils. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 109-117.	5.8	64
34	Simple and effective chitosan based films for the removal of Hg from waters: Equilibrium, kinetic and ionic competition. <i>Chemical Engineering Journal</i> , 2016, 300, 217-229.	6.6	61
35	Transport phenomena of nanoparticles in plants and animals/humans. <i>Environmental Research</i> , 2016, 151, 233-243.	3.7	60
36	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> , 2013, 15, 1.	0.8	59

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37	Salt Marsh Halophyte Services to Metalloids: Metalloid Remediation: Assessment of the Processes and Underlying Mechanisms. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 2038-2106.	6.6	58
38	Chitosan-gelatin film, a sustainable methodology for wine preservation. <i>Green Chemistry</i> , 2016, 18, 5331-5341.	4.6	56
39	Improving Growth and Productivity of Oleiferous Brassicas under Changing Environment: Significance of Nitrogen and Sulphur Nutrition, and Underlying Mechanisms. <i>Scientific World Journal</i> , The, 2012, 2012, 1-12.	0.8	53
40	Toxicological effects of the rare earth element neodymium in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2020, 244, 125457.	4.2	53
41	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> , 2011, 103, 150-158.	1.9	51
42	Simultaneous removal of trace elements from contaminated waters by living <i>Ulva lactuca</i> . <i>Science of the Total Environment</i> , 2019, 652, 880-888.	3.9	51
43	Mercury cycling between the water column and surface sediments in a contaminated area. <i>Water Research</i> , 2006, 40, 2893-2900.	5.3	49
44	What do we know about the ecotoxicological implications of the rare earth element gadolinium in aquatic ecosystems?. <i>Science of the Total Environment</i> , 2021, 781, 146273.	3.9	46
45	Valuation of banana peels as an effective biosorbent for mercury removal under low environmental concentrations. <i>Science of the Total Environment</i> , 2020, 709, 135883.	3.9	45
46	Cadmium(II) removal from aqueous solution using microporous titanosilicate ETS-4. <i>Chemical Engineering Journal</i> , 2009, 147, 173-179.	6.6	43
47	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> , 2011, 222, 1-15.	1.1	41
48	Mercury removal with titanosilicate ETS-4: Batch experiments and modelling. <i>Microporous and Mesoporous Materials</i> , 2008, 115, 98-105.	2.2	40
49	Aluminium oxide nanoparticles induced morphological changes, cytotoxicity and oxidative stress in Chinook salmon (CHSE-214) cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 1133-1140.	1.4	40
50	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. <i>Environmental Pollution</i> , 2020, 260, 113859.	3.7	39
51	A green method based on living macroalgae for the removal of rare-earth elements from contaminated waters. <i>Journal of Environmental Management</i> , 2020, 263, 110376.	3.8	39
52	Mercury biomagnification in a Southern Ocean food web. <i>Environmental Pollution</i> , 2021, 275, 116620.	3.7	39
53	Removal of Arsenic from Aqueous Solutions by Sorption onto Sewage Sludge-Based Sorbent. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2311-2321.	1.1	38
54	Improvement of historic reinforced concrete/mortars by impregnation and electrochemical methods. <i>Cement and Concrete Composites</i> , 2014, 49, 50-58.	4.6	38

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55	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. <i>Science of the Total Environment</i> , 2016, 557-558, 712-721.	3.9	38
56	Graphene oxide/polyethyleneimine aerogel for high-performance mercury sorption from natural waters. <i>Chemical Engineering Journal</i> , 2020, 398, 125587.	6.6	38
57	Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	37
58	The influence of temperature and salinity on the impacts of lead in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2019, 235, 403-412.	4.2	37
59	Will temperature rise change the biochemical alterations induced in <i>Mytilus galloprovincialis</i> by cerium oxide nanoparticles and mercury?. <i>Environmental Research</i> , 2020, 188, 109778.	3.7	37
60	Evaluation of cytotoxicity, morphological alterations and oxidative stress in Chinook salmon cells exposed to copper oxide nanoparticles. <i>Protoplasma</i> , 2016, 253, 873-884.	1.0	34
61	Effect of pH and temperature on Hg <sup>2+</sup> water decontamination using ETS-4 titanosilicate. <i>Journal of Hazardous Materials</i> , 2010, 175, 439-444.	6.5	33
62	Extraction of mercury water-soluble fraction from soils: An optimization study. <i>Geoderma</i> , 2014, 213, 255-260.	2.3	33
63	Ferromagnetic Sorbents Based on Nickel Nanowires for Efficient Uptake of Mercury from Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 8274-8280.	4.0	33
64	Ashes from fluidized bed combustion of residual forest biomass: recycling to soil as a viable management option. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14770-14781.	2.7	33
65	Graphene oxide induces cytotoxicity and oxidative stress in bluegill sunfish cells. <i>Journal of Applied Toxicology</i> , 2018, 38, 504-513.	1.4	33
66	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> , 2020, 266, 115374.	3.7	32
67	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> , 2011, 217, 689-699.	1.1	30
68	Influence of temperature rise on the recovery capacity of <i>Mytilus galloprovincialis</i> exposed to mercury pollution. <i>Ecological Indicators</i> , 2018, 93, 1060-1069.	2.6	30
69	Mercury levels in Southern Ocean squid: Variability over the last decade. <i>Chemosphere</i> , 2020, 239, 124785.	4.2	30
70	Toxic impacts of rutile titanium dioxide in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Chemosphere</i> , 2020, 252, 126563.	4.2	30
71	Microwave treatment of biological samples for methylmercury determination by high performance liquid chromatography-cold vapour atomic fluorescence spectrometry. <i>Analyst</i> , The, 2001, 126, 1583-1587.	1.7	29
72	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> , 2020, 724, 138133.	3.9	29

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73	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , 2019, 175, 200-212.	3.7	28
74	Synergistic Aqueous Biphasic Systems: A New Paradigm for the "One-Pot" Hydrometallurgical Recovery of Critical Metals. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1769-1777.	3.2	28
75	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> , 2020, 243, 110674.	0.8	28
76	Effect of pH on cadmium (II) removal from aqueous solution using titanosilicate ETS-4. <i>Chemical Engineering Journal</i> , 2009, 155, 728-735.	6.6	26
77	Changes in zooplankton communities along a mercury contamination gradient in a coastal lagoon (Ria de Aveiro, Portugal). <i>Marine Pollution Bulletin</i> , 2013, 76, 170-177.	2.3	26
78	Influence of toxic elements on the simultaneous uptake of rare earth elements from contaminated waters by estuarine macroalgae. <i>Chemosphere</i> , 2020, 252, 126562.	4.2	26
79	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> , 2012, 19, 2879-2888.	2.7	25
80	<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> , 2013, 20, 568-581.	2.7	25
81	Assessment of marine macroalgae potential for gadolinium removal from contaminated aquatic systems. <i>Science of the Total Environment</i> , 2020, 749, 141488.	3.9	25
82	Uptake of Hg <sup>2+</sup> from aqueous solutions by microporous titano- and zircono-silicates. <i>Quimica Nova</i> , 2008, 31, 321-325.	0.3	24
83	Cadmium(II) removal from aqueous solution using microporous titanosilicate ETS-10. <i>Chemical Engineering Journal</i> , 2009, 155, 108-114.	6.6	23
84	Assessment of Mercury in Water, Sediments and Biota of a Southern European Estuary (Sado Estuary, Portugal). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2005, 40, 317-329.	1.1	23
85	Extraction of available and labile fractions of mercury from contaminated soils: The role of operational parameters. <i>Geoderma</i> , 2015, 259-260, 213-223.	2.3	23
86	How safe are the new green energy resources for marine wildlife? The case of lithium. <i>Environmental Pollution</i> , 2020, 267, 115458.	3.7	23
87	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> , 2005, 40, 317-329.	0.9	22
88	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> , 2013, 224, 1.	1.1	22
89	Experimental Measurement and Modeling of Hg(II) Removal from Aqueous Solutions Using <i>Eucalyptus globulus</i> Bark: Effect of pH, Salinity and Biosorbent Dosage. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5973.	1.8	21
90	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. <i>Science of the Total Environment</i> , 2019, 650, 987-995.	3.9	21

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91	Immunosuppression in the infaunal bivalve <i>Scrobicularia plana</i> environmentally exposed to mercury and association with its accumulation. <i>Chemosphere</i> , 2011, 82, 1541-1546.	4.2	20
92	Potassium-induced alleviation of salinity stress in <i>Brassica campestris</i> L.. <i>Open Life Sciences</i> , 2011, 6, 1054-1063.	0.6	20
93	Barn owl feathers as biomonitors of mercury: sources of variation in sampling procedures. <i>Ecotoxicology</i> , 2016, 25, 469-480.	1.1	20
94	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> , 2017, 203, 1-11.	1.3	20
95	Biochemical and histopathological impacts of rutile and anatase (TiO <sub>2</sub> forms) in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020, 719, 134886.	3.9	20
96	The role of operational parameters on the uptake of mercury by dithiocarbamate functionalized particles. <i>Chemical Engineering Journal</i> , 2014, 254, 559-570.	6.6	19
97	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> , 2019, 380, 120845.	6.5	19
98	Potential impacts of lanthanum and yttrium through embryotoxicity assays with <i>Crassostrea gigas</i> . <i>Ecological Indicators</i> , 2020, 108, 105687.	2.6	19
99	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> , 2016, 103, 220-226.	2.3	18
100	Green Graphene—Chitosan Sorbent Materials for Mercury Water Remediation. <i>Nanomaterials</i> , 2020, 10, 1474.	1.9	18
101	Nutshells as Efficient Biosorbents to Remove Cadmium, Lead, and Mercury from Contaminated Solutions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1580.	1.2	18
102	Valuable Nutrients from <i>Ulva rigida</i> : Modulation by Seasonal and Cultivation Factors. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6137.	1.3	18
103	Competitive effects on mercury removal by an agricultural waste: application to synthetic and natural spiked waters. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 661-673.	1.2	17
104	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> , 2014, 162, 7-14.	1.3	17
105	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> , 2018, 131, 133-143.	0.6	17
106	Sustainable recovery of neodymium and dysprosium from waters through seaweeds: Influence of operational parameters. <i>Chemosphere</i> , 2021, 280, 130600.	4.2	17
107	Toxicity beyond accumulation of Titanium after exposure of <i>Mytilus galloprovincialis</i> to spiked seawater. <i>Environmental Pollution</i> , 2019, 244, 845-854.	3.7	16
108	Competition among rare earth elements on sorption onto six seaweeds. <i>Journal of Rare Earths</i> , 2021, 39, 734-741.	2.5	16



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109	Inputs of organic carbon from Ria de Aveiro coastal lagoon to the Atlantic Ocean. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 79, 751-757.	0.9	15
110	Relationships Between Carbon Sources, Trophic Level and Mercury Exposure in Generalist Shorebirds Revealed by Stable Isotope Ratios in Chicks. <i>Waterbirds</i> , 2009, 32, 311-321.	0.2	15
111	Assessment of cytotoxicity and oxidative stress induced by titanium oxide nanoparticles on Chinook salmon cells. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15571-15578.	2.7	15
112	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> , 2019, 150, 104757.	1.1	15
113	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> , 2015, 22, 2239-2246.	2.7	14
114	Mercury accumulation in gentoo penguins <i>Pygoscelis papua</i> : spatial, temporal and sexual intraspecific variations. <i>Polar Biology</i> , 2015, 38, 1335-1343.	0.5	14
115	Generalist seabirds as biomonitors of ocean mercury: The importance of accurate trophic position assignment. <i>Science of the Total Environment</i> , 2020, 740, 140159.	3.9	14
116	Platinum-group elements sorption by living macroalgae under different contamination scenarios. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105100.	3.3	14
117	Can the recycling of europium from contaminated waters be achieved through living macroalgae? Study on accumulation and toxicological impacts under realistic concentrations. <i>Science of the Total Environment</i> , 2021, 786, 147176.	3.9	14
118	The Influence of Diet on Mercury Intake by Little Tern Chicks. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 317-328.	2.1	13
119	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> , 2012, 14, 2181.	2.1	13
120	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> , 2015, 22, 3687-3696.	2.7	13
121	Functionalized magnetite particles for adsorption of colloidal noble metal nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2016, 475, 96-103.	5.0	13
122	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> , 2017, 627, 30-45.	1.4	13
123	How <i>Ulva lactuca</i> can influence the impacts induced by the rare earth element Gadolinium in <i>Mytilus galloprovincialis</i> ? The role of macroalgae in water safety towards marine wildlife. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112101.	2.9	13
124	Inputs from a Mercury-Contaminated Lagoon: Impact on the Nearshore Waters of the Atlantic Ocean. <i>Journal of Coastal Research</i> , 2008, 2, 28-38.	0.1	12
125	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> , 2012, 63, 554-562.	2.1	12
126	PCBs in the fish assemblage of a southern European estuary. <i>Journal of Sea Research</i> , 2013, 76, 22-30.	0.6	12



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127	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> ). <i>Tj ETQq1 1 0.784314 rgBTzOverlock</i>		
128	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. <i>Water</i> (Switzerland), 2020, 12, 2148.	1.2	12
129	Will climate changes enhance the impacts of e-waste in aquatic systems?. <i>Chemosphere</i> , 2022, 288, 132264.	4.2	12
130	Optimization of Nd(III) removal from water by <i>Ulva</i> sp. and <i>Gracilaria</i> sp. through Response Surface Methodology. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105946.	3.3	12
131	Main drivers of mercury levels in Southern Ocean lantern fish <i>Myctophidae</i> . <i>Environmental Pollution</i> , 2020, 264, 114711.	3.7	12
132	Feathers as a Tool to Assess Mercury Contamination in Gentoo Penguins: Variations at the Individual Level. <i>PLoS ONE</i> , 2015, 10, e0137622.	1.1	12
133	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> , 2008, 80, 281-288.	0.9	11
134	Differential Sex, Morphotype and Tissue Accumulation of Mercury in the Crab <i>Carcinus maenas</i> . <i>Water, Air, and Soil Pollution</i> , 2011, 222, 65-75.	1.1	11
135	Major, minor, trace and rare earth elements in sediments of the BijagÃ³s archipelago, Guinea-Bissau. <i>Marine Pollution Bulletin</i> , 2018, 129, 829-834.	2.3	11
136	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , 2020, 723, 137798.	3.9	11
137	Metal Recovery, Separation and/or Pre-concentration. , 2012, , 237-322.		10
138	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> , 2014, 21, 6652-6661.	2.7	10
139	<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> , 2015, 22, 2231-2238.	2.7	10
140	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> , 2015, 167, 240-247.	0.9	10
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