Eduarda Pereira

List of Publications by Year
in descending order

201 papers	7,385 citations	61984 43 h-index	71685 76 g-index
203 all docs	203 docs citations	203 times ranked	8606 citing authors

#	Article	IF	Citations
1	Will climate changes enhance the impacts of e-waste in aquatic systems?. Chemosphere, 2022, 288, 132264.	8.2	12
2	The influence of salinity on the toxicity of remediated seawater. Environmental Science and Pollution Research, 2022, 29, 32967-32987.	5.3	3
3	Factors influencing sorption of trace elements in contaminated waters onto ground nut shells. Journal of Environmental Management, 2022, 308, 114618.	7.8	3
4	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water). , 2022, , 1885-1909.		0
5	Effective and simple removal of Hg from real waters by a robust bio-nanocomposite. Environmental Science: Nano, 2022, 9, 1156-1167.	4.3	4
6	Potentialities of Agro-Based Wastes to Remove Cd, Hg, Pb, and As from Contaminated Waters. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	9
7	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.	4.1	6
8	Biochemical alterations caused by lanthanum and gadolinium in Mytilus galloprovincialis after exposure and recovery periods. Environmental Pollution, 2022, 307, 119387.	7.5	5
9	Influence of UV degradation of bioplastics on the amplification of mercury bioavailability in aquatic environments. Marine Pollution Bulletin, 2022, 180, 113806.	5.0	2
10	Do climate change related factors modify the response of Mytilus galloprovincialis to lanthanum? The case of temperature rise. Chemosphere, 2022, 307, 135577.	8.2	7
11	Competition among rare earth elements on sorption onto six seaweeds. Journal of Rare Earths, 2021, 39, 734-741.	4.8	16
12	Untangling causes of variation in mercury concentration between flight feathers. Environmental Pollution, 2021, 269, 116105.	7.5	6
13	High affinity of 3D spongin scaffold towards Hg(II) in real waters. Journal of Hazardous Materials, 2021, 407, 124807.	12.4	7
14	Multi-elemental composition of white and dark muscles in swordfish. Food Chemistry, 2021, 343, 128438.	8.2	7
15	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water). , 2021, , 1-25.		0
16	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.	5.3	4
17	Water softening using graphene oxide/biopolymer hybrid nanomaterials. Journal of Environmental Chemical Engineering, 2021, 9, 105045.	6.7	8
18	Nutshells as Efficient Biosorbents to Remove Cadmium, Lead, and Mercury from Contaminated Solutions. International Journal of Environmental Research and Public Health, 2021, 18, 1580.	2.6	18

#	Article	IF	Citations
19	Mercury biomagnification in a Southern Ocean food web. Environmental Pollution, 2021, 275, 116620.	7.5	39
20	Platinum-group elements sorption by living macroalgae under different contamination scenarios. Journal of Environmental Chemical Engineering, 2021, 9, 105100.	6.7	14
21	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.	5.0	3
22	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.	8.0	7
23	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.	6.0	13
24	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	4
25	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.	4.1	4
26	Valuable Nutrients from Ulva rigida: Modulation by Seasonal and Cultivation Factors. Applied Sciences (Switzerland), 2021, 11, 6137.	2.5	18
27	Sustainable Water Treatment: Use of Agricultural and Industrial Wastes to Remove Mercury by Biosorption. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	6
28	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.	8.0	10
29	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.	8.0	46
30	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.	8.0	14
31	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.	6.7	12
32	Sustainable recovery of neodymium and dysprosium from waters through seaweeds: Influence of operational parameters. Chemosphere, 2021, 280, 130600.	8.2	17
33	Salinity influences on the response of Mytilus galloprovincialis to the rare-earth element lanthanum. Science of the Total Environment, 2021, 794, 148512.	8.0	10
34	Selective incorporation of rare earth elements by seaweeds from Cape Mondego, western Portuguese coast. Science of the Total Environment, 2021, 795, 148860.	8.0	5
35	Elemental composition of whole body soft tissues in bivalves from the BijagÃ³s Archipelago, Guinea-Bissau. Environmental Pollution, 2021, 288, 117705.	7.5	4
36	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.	7.8	9

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37	Mercury Removal from Aqueous Solution Using ETS-4 in the Presence of Cations of Distinct Sizes. Materials, 2021, 14, 11.	2.9	10
38	Lifelong mercury bioaccumulation in Atlantic horse mackerel (Trachurus trachurus) and the potential risks to human consumption. Marine Pollution Bulletin, 2021, 173, 113015.	5.0	3
39	Potential impacts of lanthanum and yttrium through embryotoxicity assays with Crassostrea gigas. Ecological Indicators, 2020, 108, 105687.	6.3	19
40	Mercury levels in Southern Ocean squid: Variability over the last decade. Chemosphere, 2020, 239, 124785.	8.2	30
41	Biochemical and histopathological impacts of rutile and anatase (TiO2 forms) in Mytilus galloprovincialis. Science of the Total Environment, 2020, 719, 134886.	8.0	20
42	New insights on the impacts of e-waste towards marine bivalves: The case of the rare earth element Dysprosium. Environmental Pollution, 2020, 260, 113859.	7.5	39
43	Purification of mercury-contaminated water using new AM-11 and AM-14 microporous silicates. Separation and Purification Technology, 2020, 239, 116438.	7.9	9
44	Valuation of banana peels as an effective biosorbent for mercury removal under low environmental concentrations. Science of the Total Environment, 2020, 709, 135883.	8.0	45
45	Toxicological effects of the rare earth element neodymium in Mytilus galloprovincialis. Chemosphere, 2020, 244, 125457.	8.2	53
46	Assessment of marine macroalgae potential for gadolinium removal from contaminated aquatic systems. Science of the Total Environment, 2020, 749, 141488.	8.0	25
47	Generalist seabirds as biomonitors of ocean mercury: The importance of accurate trophic position assignment. Science of the Total Environment, 2020, 740, 140159.	8.0	14
48	Bioaccumulation and biochemical patterns of Ruditapes philippinarum clams: Responses to seasonality and low contamination levels. Estuarine, Coastal and Shelf Science, 2020, 243, 106883.	2.1	6
49	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.	7.5	32
50	A Single Digestion Procedure for Determination of Major, Trace, and Rare Earth Elements in Sediments. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	7
51	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. Water (Switzerland), 2020, 12, 2148.	2.7	12
52	Green Grapheneâ€"Chitosan Sorbent Materials for Mercury Water Remediation. Nanomaterials, 2020, 10, 1474.	4.1	18
53	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.	2.5	6
54	Will temperature rise change the biochemical alterations induced in Mytilus galloprovincialis by cerium oxide nanoparticles and mercury?. Environmental Research, 2020, 188, 109778.	7.5	37

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55	Influence of toxic elements on the simultaneous uptake of rare earth elements from contaminated waters by estuarine macroalgae. Chemosphere, 2020, 252, 126562.	8.2	26
56	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.	8.0	29
57	A green method based on living macroalgae for the removal of rare-earth elements from contaminated waters. Journal of Environmental Management, 2020, 263, 110376.	7.8	39
58	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.	5.3	3
59	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.	1.8	28
60	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. Science of the Total Environment, 2020, 723, 137798.	8.0	11
61	Toxic impacts of rutile titanium dioxide in Mytilus galloprovincialis exposed to warming conditions. Chemosphere, 2020, 252, 126563.	8.2	30
62	Spinel-type ferrite nanoparticles for removal of arsenic(V) from water. Environmental Science and Pollution Research, 2020, 27, 22523-22534.	5.3	9
63	Graphene oxide/polyethyleneimine aerogel for high-performance mercury sorption from natural waters. Chemical Engineering Journal, 2020, 398, 125587.	12.7	38
64	Main drivers of mercury levels in Southern Ocean lantern fish Myctophidae. Environmental Pollution, 2020, 264, 114711.	7.5	12
65	How safe are the new green energy resources for marine wildlife? The case of lithium. Environmental Pollution, 2020, 267, 115458.	7.5	23
66	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.	12.4	19
67	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.	2.5	15
68	The influence of temperature and salinity on the impacts of lead in Mytilus galloprovincialis. Chemosphere, 2019, 235, 403-412.	8.2	37
69	Recovery of Rare Earth Elements by Carbon-Based Nanomaterialsâ€"A Review. Nanomaterials, 2019, 9, 814.	4.1	87
70	Chromium removal from contaminated waters using nanomaterials â€" A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 277-291.	11.4	103
71	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.	4.1	7
72	Oxidative Stress Biomarkers and Antioxidant Defense in Plants Exposed to Metallic Nanoparticles. , 2019, , 427-439.		2

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73	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. Environmental Research, 2019, 175, 200-212.	7.5	28
74	Ecotoxicological effects of lanthanum in Mytilus galloprovincialis: Biochemical and histopathological impacts. Aquatic Toxicology, 2019, 211, 181-192.	4.0	89
75	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels Mytilus galloprovincialis. Science of the Total Environment, 2019, 664, 626-634.	8.0	67
76	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.	4.1	21
77	Toxic Effects of Metal Nanoparticles in Marine Invertebrates. Engineering Materials, 2019, , 175-224.	0.6	4
78	Evidences of metabolic alterations and cellular damage in mussels after short pulses of Ti contamination. Science of the Total Environment, 2019, 650, 987-995.	8.0	21
79	Reliable quantification of mercury in natural waters using surface modified magnetite nanoparticles. Chemosphere, 2019, 220, 565-573.	8.2	8
80	Rare earth elements in mud volcano sediments from the Gulf of Cadiz, South Iberian Peninsula. Science of the Total Environment, 2019, 652, 869-879.	8.0	8
81	Simultaneous removal of trace elements from contaminated waters by living Ulva lactuca. Science of the Total Environment, 2019, 652, 880-888.	8.0	51
82	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.	6.7	28
83	Toxicity beyond accumulation of Titanium after exposure of Mytilus galloprovincialis to spiked seawater. Environmental Pollution, 2019, 244, 845-854.	7.5	16
84	Pedotransfer functions of potentially toxic elements in tropical soils cultivated with vegetable crops. Environmental Science and Pollution Research, 2018, 25, 12702-12712.	5.3	4
85	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.	1.4	17
86	Major, minor, trace and rare earth elements in sediments of the BijagÃ³s archipelago, Guinea-Bissau. Marine Pollution Bulletin, 2018, 129, 829-834.	5.0	11
87	Biochemical responses and accumulation patterns of Mytilus galloprovincialis exposed to thermal stress and Arsenic contamination. Ecotoxicology and Environmental Safety, 2018, 147, 954-962.	6.0	85
88	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.	3.9	74
89	Graphene oxide induces cytotoxicity and oxidative stress in bluegill sunfish cells. Journal of Applied Toxicology, 2018, 38, 504-513.	2.8	33
90	Influence of temperature rise on the recovery capacity of Mytilus galloprovincialis exposed to mercury pollution. Ecological Indicators, 2018, 93, 1060-1069.	6.3	30

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91	Ultra sensitive quantification of Hg2+â€¯ sorption by functionalized nanoparticles using radioactive tracker spectroscopy. Microchemical Journal, 2018, 138, 418-423.	4.5	6
92	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.	5.3	33
93	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.	3.0	13
94	Biochemical impacts of Hg in Mytilus galloprovincialis under present and predicted warming scenarios. Science of the Total Environment, 2017, 601-602, 1129-1138.	8.0	88
95	Biocompatibility and biotoxicity of in-situ synthesized carboxylated nanodiamond-cobalt oxide nanocomposite. Journal of Materials Science and Technology, 2017, 33, 879-888.	10.7	8
96	Evaluation of cotton burdock (Arctium tomentosum Mill.) responses to multi-metal exposure. Environmental Science and Pollution Research, 2017, 24, 5431-5438.	5.3	2
97	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	65
98	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.	2.6	20
99	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.	5.3	6
100	Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. Frontiers in Environmental Science, 2016, 4, .	3.3	37
101	Piriformospora indica: Potential and Significance in Plant Stress Tolerance. Frontiers in Microbiology, 2016, 7, 332.	3.5	272
102	Chitosanâ€“genipin film, a sustainable methodology for wine preservation. Green Chemistry, 2016, 18, 5331-5341.	9.0	56
103	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. Science of the Total Environment, 2016, 557-558, 712-721.	8.0	38
104	Functionalized magnetite particles for adsorption of colloidal noble metal nanoparticles. Journal of Colloid and Interface Science, 2016, 475, 96-103.	9.4	13
105	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.	12.7	61
106	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.	2.6	5
107	Transport phenomena of nanoparticles in plants and animals/humans. Environmental Research, 2016, 151, 233-243.	7.5	60
108	Effect of historical contamination in the fish community structure of a recovering temperate coastal lagoon. Marine Pollution Bulletin, 2016, 111, 221-230.	5.0	10

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109	Catalase and ascorbate peroxidaseâ€"representative H2O2-detoxifying heme enzymes in plants. Environmental Science and Pollution Research, 2016, 23, 19002-19029.	5.3	248
110	Genome-wide identification and expression analysis of sulfate transporter (SULTR) genes in potato (Solanum tuberosum L.). Planta, 2016, 244, 1167-1183.	3.2	64
111	Overview and challenges of mercury fractionation and speciation in soils. TrAC - Trends in Analytical Chemistry, 2016, 82, 109-117.	11.4	64
112	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.	5.3	3
113	Barn owl feathers as biomonitors of mercury: sources of variation in sampling procedures. Ecotoxicology, 2016, 25, 469-480.	2.4	20
114	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.	5.0	18
115	Evaluation of cytotoxicity, morphological alterations and oxidative stress in Chinook salmon cells exposed to copper oxide nanoparticles. Protoplasma, 2016, 253, 873-884.	2.1	34
116	Optimized graphene oxide foam with enhanced performance and high selectivity for mercury removal from water. Journal of Hazardous Materials, 2016, 301, 453-461.	12.4	89
117	Aluminium oxide nanoparticles induced morphological changes, cytotoxicity and oxidative stress in Chinook salmon (CHSEâ€214) cells. Journal of Applied Toxicology, 2015, 35, 1133-1140.	2.8	40
118	Are Early Somatic Embryos of the Norway Spruce (Picea abies (L.) Karst.) Organised?. PLoS ONE, 2015, 10, e0144093.	2.5	3
119	Jacks of metal/metalloid chelation trade in plantsÃ¢â‚¬â€an overview. Frontiers in Plant Science, 2015, 6, 192.	3.6	148
120	ATP-sulfurylase, sulfur-compounds, and plant stress tolerance. Frontiers in Plant Science, 2015, 6, 210.	3.6	145
121	Assessment of cytotoxicity and oxidative stress induced by titanium oxide nanoparticles on Chinook salmon cells. Environmental Science and Pollution Research, 2015, 22, 15571-15578.	5.3	15
122	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.	5.3	9
123	Nanoscale copper in the soilâ€"plant system â€" toxicity and underlying potential mechanisms. Environmental Research, 2015, 138, 306-325.	7.5	124
124	Extraction of available and labile fractions of mercury from contaminated soils: The role of operational parameters. Geoderma, 2015, 259-260, 213-223.	5.1	23
125	Juncus maritimus root biochemical assessment for its mercury stabilization potential in Ria de Aveiro coastal lagoon (Portugal). Environmental Science and Pollution Research, 2015, 22, 2231-2238.	5.3	10
126	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, 2015, 22, 2239-2246.	5.3	14

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127	Mercury accumulation in gentoo penguins Pygoscelis papua: spatial, temporal and sexual intraspecific variations. Polar Biology, 2015, 38, 1335-1343.	1.2	14
128	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.	5.3	5
129	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.	2.1	10
130	Lipids and proteinsâ€"major targets of oxidative modifications in abiotic stressed plants. Environmental Science and Pollution Research, 2015, 22, 4099-4121.	5.3	252
131	Too much is badâ€"an appraisal of phytotoxicity of elevated plant-beneficial heavy metal ions. Environmental Science and Pollution Research, 2015, 22, 3361-3382.	5.3	108
132	An international proficiency test as a tool to evaluate mercury determination in environmental matrices. TrAC - Trends in Analytical Chemistry, 2015, 64, 136-148.	11.4	9
133	Thermo-desorption: A valid tool for mercury speciation in soils and sediments?. Geoderma, 2015, 237-238, 98-104.	5.1	66
134	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, 2015, 22, 3687-3696.	5.3	13
135	Feathers as a Tool to Assess Mercury Contamination in Gentoo Penguins: Variations at the Individual Level. PLoS ONE, 2015, 10, e0137622.	2.5	12
136	The role of operational parameters on the uptake of mercury by dithiocarbamate functionalized particles. Chemical Engineering Journal, 2014, 254, 559-570.	12.7	19
137	Glutathione and proline can coordinately make plants withstand the joint attack of metal(loid) and salinity stresses. Frontiers in Plant Science, 2014, 5, 662.	3.6	111
138	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.	5.3	10
139	Metal/metalloid stress tolerance in plants: role of ascorbate, its redox couple, and associated enzymes. Protoplasma, 2014, 251, 1265-1283.	2.1	121
140	Extraction of mercury water-soluble fraction from soils: An optimization study. Geoderma, 2014, 213, 255-260.	5.1	33
141	Ferromagnetic Sorbents Based on Nickel Nanowires for Efficient Uptake of Mercury from Water. ACS Applied Materials & Interfaces, 2014, 6, 8274-8280.	8.0	33
142	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.	8.0	137
143	Competitive effects on mercury removal by an agricultural waste: application to synthetic and natural spiked waters. Environmental Technology (United Kingdom), 2014, 35, 661-673.	2.2	17
144	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.	2.7	3

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145	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.	12.8	58
146	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 rg BT /Overlock 10 Tf 50	5.3	12
147	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.	5.3	6
148	Improvement of historic reinforced concrete/mortars by impregnation and electrochemical methods. Cement and Concrete Composites, 2014, 49, 50-58.	10.7	38
149	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.	2.6	17
150	Single-bilayer graphene oxide sheet tolerance and glutathione redox system significance assessment in faba bean (Vicia faba L.). Journal of Nanoparticle Research, 2013, 15, 1.	1.9	59
151	Silver nanoparticles in soilâ€“plant systems. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	144
152	Glutathione and glutathione reductase: A boon in disguise for plant abiotic stress defense operations. Plant Physiology and Biochemistry, 2013, 70, 204-212.	5.8	404
153	Competitive Removal of Cd2+ and Hg2+ Ions from Water Using Titanosilicate ETS-4: Kinetic Behaviour and Selectivity. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	22
154	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, 2013, 20, 3910-3922.	5.3	8
155	PCBs in the fish assemblage of a southern European estuary. Journal of Sea Research, 2013, 76, 22-30.	1.6	12
156	Major and minor element geochemistry of deep-sea sediments in the Azores Platform and southern seamount region. Marine Pollution Bulletin, 2013, 75, 264-275.	5.0	9
157	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, 2013, 20, 568-581.	5.3	25
158	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
159	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	1
160	Changes in zooplankton communities along a mercury contamination gradient in a coastal lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2013, 76, 170-177.	5.0	26
161	Nanoscale materials and their use in water contaminants removalâ€”a review. Environmental Science and Pollution Research, 2013, 20, 1239-1260.	5.3	192
162	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. Journal of Materials Chemistry A, 2013, 1, 8134.	10.3	71

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163	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.	5.3	25
164	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	13
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