

Eduarda Pereira

List of Publications by Year in Descending Order

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

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	The influence of salinity on the toxicity of remediated seawater.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	
196	Factors influencing sorption of trace elements in contaminated waters onto ground nut shells.. <i>Journal of Environmental Management</i> , 2022 , 308, 114618	7.9	1
195	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water) 2022 , 1885-1909		
194	Will climate changes enhance the impacts of e-waste in aquatic systems?. <i>Chemosphere</i> , 2022 , 288, 132264	6.4	4
193	Potentialities of Agro-Based Wastes to Remove Cd, Hg, Pb, and As from Contaminated Waters. <i>Water, Air, and Soil Pollution</i> , 2022 , 233, 1	2.6	1
192	Biochemical alterations caused by lanthanum and gadolinium in <i>Mytilus galloprovincialis</i> after exposure and recovery periods.. <i>Environmental Pollution</i> , 2022 , 119387	9.3	
191	Lifelong mercury bioaccumulation in Atlantic horse mackerel (<i>Trachurus trachurus</i>) and the potential risks to human consumption. <i>Marine Pollution Bulletin</i> , 2021 , 173, 113015	6.7	0
190	Mercury biomagnification in a Southern Ocean food web. <i>Environmental Pollution</i> , 2021 , 275, 116620	9.3	10
189	Platinum-group elements sorption by living macroalgae under different contamination scenarios. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105100	6.8	5
188	Oxidative stress, metabolic activity and mercury concentrations in Antarctic krill <i>Euphausia superba</i> and myctophid fish of the Southern Ocean. <i>Marine Pollution Bulletin</i> , 2021 , 166, 112178	6.7	1
187	Monitoring of mercury in the mesopelagic domain of the Pacific and Atlantic oceans using body feathers of Bulwer's petrel as a bioindicator. <i>Science of the Total Environment</i> , 2021 , 775, 145796	10.2	0
186	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	7	3
185	H9c2(2-1)-based sulforhodamine B assay as a possible alternative in vitro platform to investigate effluent and metals toxicity on fish. <i>Chemosphere</i> , 2021 , 275, 130009	8.4	0
184	Competition among rare earth elements on sorption onto six seaweeds. <i>Journal of Rare Earths</i> , 2021 , 39, 734-741	3.7	6
183	Untangling causes of variation in mercury concentration between flight feathers. <i>Environmental Pollution</i> , 2021 , 269, 116105	9.3	4
182	High affinity of 3D spongin scaffold towards Hg(II) in real waters. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124807	12.8	2
181	Multi-elemental composition of white and dark muscles in swordfish. <i>Food Chemistry</i> , 2021 , 343, 1284388.5	5	5

180	Promising Algae-Based Biotechnology for Terbium Removal and Recovery from Waste(Water) 2021 , 1-25		
179	Bioaccumulation processes for mercury removal from saline waters by green, brown and red living marine macroalgae. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 30255-30266	5.1	1
178	Water softening using graphene oxide/biopolymer hybrid nanomaterials. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105045	6.8	2
177	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,	4.6	5
176	Valuable Nutrients from <i>Ulva rigida</i> : Modulation by Seasonal and Cultivation Factors. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6137	2.6	4
175	Sustainable Water Treatment: Use of Agricultural and Industrial Wastes to Remove Mercury by Biosorption. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	0
174	Bioaccumulation and ecotoxicological responses of clams exposed to terbium and carbon nanotubes: Comparison between native (<i>Ruditapes decussatus</i>) and invasive (<i>Ruditapes philippinarum</i>) species. <i>Science of the Total Environment</i> , 2021 , 784, 146914	10.2	2
173	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	10.2	14
172	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	10.2	1
171	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	6.8	1
170	Sustainable recovery of neodymium and dysprosium from waters through seaweeds: Influence of operational parameters. <i>Chemosphere</i> , 2021 , 280, 130600	8.4	4
169	Salinity influences on the response of <i>Mytilus galloprovincialis</i> to the rare-earth element lanthanum. <i>Science of the Total Environment</i> , 2021 , 794, 148512	10.2	1
168	Selective incorporation of rare earth elements by seaweeds from Cape Mondego, western Portuguese coast. <i>Science of the Total Environment</i> , 2021 , 795, 148860	10.2	2
167	Elemental composition of whole body soft tissues in bivalves from the Bijagß Archipelago, Guinea-Bissau. <i>Environmental Pollution</i> , 2021 , 288, 117705	9.3	1
166	Response surface approach to optimize the removal of the critical raw material dysprosium from water through living seaweeds. <i>Journal of Environmental Management</i> , 2021 , 300, 113697	7.9	1
165	Cephalopod beak sections used to trace mercury levels throughout the life of cephalopods: The giant warty squid <i>Moroteuthopsis longimana</i> as a case study. <i>Marine Environmental Research</i> , 2020 , 161, 105049	3.3	2
164	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	7.9	12
163	Influence of toxic elements on the simultaneous uptake of rare earth elements from contaminated waters by estuarine macroalgae. <i>Chemosphere</i> , 2020 , 252, 126562	8.4	15

162	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	10.2	17
161	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	7.9	21
160	Trace elements' reference levels in blood of breeding black-browed albatrosses <i>Thalassarche melanophris</i> from the Falkland Islands. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 39265-39273	5.1	1
159	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 & Integrative Physiology</i> , 2020 , 243, 110674	2.6	17
158	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. <i>Science of the Total Environment</i> , 2020 , 723, 137798	10.2	8
157	Toxic impacts of rutile titanium dioxide in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Chemosphere</i> , 2020 , 252, 126563	8.4	12
156	Graphene oxide/polyethyleneimine aerogel for high-performance mercury sorption from natural waters. <i>Chemical Engineering Journal</i> , 2020 , 398, 125587	14.7	16
155	Main drivers of mercury levels in Southern Ocean lantern fish <i>Myctophidae</i> . <i>Environmental Pollution</i> , 2020 , 264, 114711	9.3	5
154	How safe are the new green energy resources for marine wildlife? The case of lithium. <i>Environmental Pollution</i> , 2020 , 267, 115458	9.3	9
153	Biochemical and histopathological impacts of rutile and anatase (TiO forms) in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020 , 719, 134886	10.2	11
152	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	9.3	24
151	Purification of mercury-contaminated water using new AM-11 and AM-14 microporous silicates. <i>Separation and Purification Technology</i> , 2020 , 239, 116438	8.3	4
150	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	10.2	23
149	Toxicological effects of the rare earth element neodymium in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2020 , 244, 125457	8.4	21
148	Assessment of marine macroalgae potential for gadolinium removal from contaminated aquatic systems. <i>Science of the Total Environment</i> , 2020 , 749, 141488	10.2	11
147	Generalist seabirds as biomonitors of ocean mercury: The importance of accurate trophic position assignment. <i>Science of the Total Environment</i> , 2020 , 740, 140159	10.2	5
146	Bioaccumulation and biochemical patterns of <i>Ruditapes philippinarum</i> clams: Responses to seasonality and low contamination levels. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 243, 106883	2.9	0
145	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	9.3	15

144	A Single Digestion Procedure for Determination of Major, Trace, and Rare Earth Elements in Sediments. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	2
143	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. <i>Water (Switzerland)</i> , 2020 , 12, 2148	3	7
142	Green Graphene-Chitosan Sorbent Materials for Mercury Water Remediation. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
141	Potential impacts of lanthanum and yttrium through embryotoxicity assays with <i>Crassostrea gigas</i> . <i>Ecological Indicators</i> , 2020 , 108, 105687	5.8	12
140	Mercury levels in Southern Ocean squid: Variability over the last decade. <i>Chemosphere</i> , 2020 , 239, 124785	5.4	21
139	Spinel-type ferrite nanoparticles for removal of arsenic(V) from water. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 22523-22534	5.1	3
138	The influence of temperature and salinity on the impacts of lead in <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2019 , 235, 403-412	8.4	20
137	Recovery of Rare Earth Elements by Carbon-Based Nanomaterials-A Review. <i>Nanomaterials</i> , 2019 , 9,	5.4	46
136	Chromium removal from contaminated waters using nanomaterials A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 277-291	14.6	63
135	Assessing Mercury Mobility in Sediment of the Union Canal, Scotland, UK by Sequential Extraction and Thermal Desorption. <i>Archives of Environmental Contamination and Toxicology</i> , 2019 , 76, 650-656	3.2	4
134	Oxidative Stress Biomarkers and Antioxidant Defense in Plants Exposed to Metallic Nanoparticles 2019 , 427-439		2
133	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	7.9	23
132	Ecotoxicological effects of lanthanum in <i>Mytilus galloprovincialis</i> : Biochemical and histopathological impacts. <i>Aquatic Toxicology</i> , 2019 , 211, 181-192	5.1	49
131	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	12.8	10
130	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	3.3	11
129	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	10.2	38
128	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> , 2019 , 20,	6.3	11
127	Toxic Effects of Metal Nanoparticles in Marine Invertebrates. <i>Engineering Materials</i> , 2019 , 175-224	0.4	2

126	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	10.2	17
125	Reliable quantification of mercury in natural waters using surface modified magnetite nanoparticles. <i>Chemosphere</i> , 2019 , 220, 565-573	8.4	4
124	Rare earth elements in mud volcano sediments from the Gulf of Cadiz, South Iberian Peninsula. <i>Science of the Total Environment</i> , 2019 , 652, 869-879	10.2	7
123	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	10.2	33
122	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	8.3	18
121	Toxicity beyond accumulation of Titanium after exposure of <i>Mytilus galloprovincialis</i> to spiked seawater. <i>Environmental Pollution</i> , 2019 , 244, 845-854	9.3	8
120	Pedotransfer functions of potentially toxic elements in tropical soils cultivated with vegetable crops. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 12702-12712	5.1	3
119	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	2.5	14
118	Major, minor, trace and rare earth elements in sediments of the Bijagó archipelago, Guinea-Bissau. <i>Marine Pollution Bulletin</i> , 2018 , 129, 829-834	6.7	8
117	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	7	57
116	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	5.5	47
115	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	5.8	22
114	Ultra sensitive quantification of Hg ²⁺ sorption by functionalized nanoparticles using radioactive tracker spectroscopy. <i>Microchemical Journal</i> , 2018 , 138, 418-423	4.8	6
113	Graphene oxide induces cytotoxicity and oxidative stress in bluegill sunfish cells. <i>Journal of Applied Toxicology</i> , 2018 , 38, 504-513	4.1	21
112	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	5.1	22
111	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	4.1	9
110	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	10.2	59
109	Biocompatibility and biotoxicity of in-situ synthesized carboxylated nanodiamond-cobalt oxide nanocomposite. <i>Journal of Materials Science and Technology</i> , 2017 , 33, 879-888	9.1	7

108	Evaluation of cotton burdock (<i>Arctium tomentosum</i> Mill.) responses to multi-metal exposure. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 5431-5438	5.1	2
107	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	8.4	51
106	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	3.2	16
105	Evidence for contrasting accumulation pattern of cadmium in relation to other elements in <i>Senilia senilis</i> and <i>Tagelus adansonii</i> from the Bijagó archipelago, Guinea-Bissau. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 24896-24906	5.1	4
104	Optimized graphene oxide foam with enhanced performance and high selectivity for mercury removal from water. <i>Journal of Hazardous Materials</i> , 2016 , 301, 453-61	12.8	70
103	Graphene Oxide: A Unique Nano-Platform to Build Advanced Multifunctional Composites 2016 , 193-236		
102	Catalase and ascorbate peroxidase-representative H ₂ O ₂ -detoxifying heme enzymes in plants. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 19002-29	5.1	136
101	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	4.7	42
100	Overview and challenges of mercury fractionation and speciation in soils. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 109-117	14.6	43
99	Phagocytic cell responses to silica-coated dithiocarbamate-functionalized iron oxide nanoparticles and mercury co-exposures in <i>Anguilla anguilla</i> L. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 12272-86	5.1	2
98	Barn owl feathers as biomonitors of mercury: sources of variation in sampling procedures. <i>Ecotoxicology</i> , 2016 , 25, 469-80	2.9	15
97	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	6.7	15
96	Evaluation of cytotoxicity, morphological alterations and oxidative stress in Chinook salmon cells exposed to copper oxide nanoparticles. <i>Protoplasma</i> , 2016 , 253, 873-884	3.4	27
95	Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. <i>Frontiers in Environmental Science</i> , 2016 , 4,	4.8	27
94	<i>Piriformospora indica</i> : Potential and Significance in Plant Stress Tolerance. <i>Frontiers in Microbiology</i> , 2016 , 7, 332	5.7	190
93	Chitosan- γ -benzylpenicillin film, a sustainable methodology for wine preservation. <i>Green Chemistry</i> , 2016 , 18, 5331-5341	5.41	44
92	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. <i>Science of the Total Environment</i> , 2016 , 557-558, 712-21	10.2	29
91	Functionalized magnetite particles for adsorption of colloidal noble metal nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2016 , 475, 96-103	9.3	10

90	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	14.7	46
89	Biochemical and physiological alterations induced in <i>Diopatra neapolitana</i> after a long-term exposure to Arsenic. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 189, 1-9	3.2	3
88	Transport phenomena of nanoparticles in plants and animals/humans. <i>Environmental Research</i> , 2016 , 151, 233-243	7.9	47
87	Effect of historical contamination in the fish community structure of a recovering temperate coastal lagoon. <i>Marine Pollution Bulletin</i> , 2016 , 111, 221-230	6.7	7
86	Nanoscale copper in the soil-plant system - toxicity and underlying potential mechanisms. <i>Environmental Research</i> , 2015 , 138, 306-25	7.9	102
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	6.7	17
84	<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, 2231-8	5.1	10
83	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, 2239-46	5.1	9
82	Mercury accumulation in gentoo penguins <i>Pygoscelis papua</i> : spatial, temporal and sexual intraspecific variations. <i>Polar Biology</i> , 2015 , 38, 1335-1343	2	13
81	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 (<i>Anguilla anguilla</i> L.). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 18574-89	5.1	5
80	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	2.9	9
79	Lipids and proteins--major targets of oxidative modifications in abiotic stressed plants. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 4099-121	5.1	181
78	Too much is bad--an appraisal of phytotoxicity of elevated plant-beneficial heavy metal ions. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 3361-82	5.1	85
77	An international proficiency test as a tool to evaluate mercury determination in environmental matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 64, 136-148	14.6	9
76	Thermo-desorption: A valid tool for mercury speciation in soils and sediments?. <i>Geoderma</i> , 2015 , 237-238, 98-104	6.7	47
75	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, 3687-96	5.1	12
74	Aluminium oxide nanoparticles induced morphological changes, cytotoxicity and oxidative stress in Chinook salmon (CHSE-214) cells. <i>Journal of Applied Toxicology</i> , 2015 , 35, 1133-40	4.1	29
73	Are Early Somatic Embryos of the Norway Spruce (<i>Picea abies</i> (L.) Karst.) Organised?. <i>PLoS ONE</i> , 2015 , 10, e0144093	3.7	2

72	Jacks of metal/metalloid chelation trade in plants-an overview. <i>Frontiers in Plant Science</i> , 2015 , 6, 192	6.2	110
71	ATP-sulfurylase, sulfur-compounds, and plant stress tolerance. <i>Frontiers in Plant Science</i> , 2015 , 6, 210	6.2	92
70	Assessment of cytotoxicity and oxidative stress induced by titanium oxide nanoparticles on Chinook salmon cells. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 15571-8	5.1	13
69	Evaluation of zinc accumulation, allocation, and tolerance in Zea mays L. seedlings: implication for zinc phytoextraction. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 15443-8	5.1	8
68	Feathers as a Tool to Assess Mercury Contamination in Gentoo Penguins: Variations at the Individual Level. <i>PLoS ONE</i> , 2015 , 10, e0137622	3.7	11
67	Oxidative stress status, antioxidant metabolism and polypeptide patterns in Juncus maritimus shoots exhibiting differential mercury burdens in Ria de Aveiro coastal lagoon (Portugal). <i>Environmental Science and Pollution Research</i> , 2014 , 21, 6652-61	5.1	8
66	Metal/metalloid stress tolerance in plants: role of ascorbate, its redox couple, and associated enzymes. <i>Protoplasma</i> , 2014 , 251, 1265-83	3.4	96
65	Extraction of mercury water-soluble fraction from soils: An optimization study. <i>Geoderma</i> , 2014 , 213, 255-260	6.7	32
64	Ferromagnetic sorbents based on nickel nanowires for efficient uptake of mercury from water. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8274-80	9.5	28
63	Single-bilayer graphene oxide sheet impacts and underlying potential mechanism assessment in germinating faba bean (Vicia faba L.). <i>Science of the Total Environment</i> , 2014 , 472, 834-41	10.2	105
62	Competitive effects on mercury removal by an agricultural waste: application to synthetic and natural spiked waters. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 661-73	2.6	16
61	A multidisciplinary approach to evaluate the efficiency of a clean-up technology to remove mercury from water. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014 , 93, 138-43	2.7	3
60	Salt Marsh Halophyte Services to Metal/Metalloid Remediation: Assessment of the Processes and Underlying Mechanisms. <i>Critical Reviews in Environmental Science and Technology</i> , 2014 , 44, 2038-2106	11.1	45
59	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 L.). <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7746-56	5.1	12
58	Efficiency of a cleanup technology to remove mercury from natural waters by means of rice husk biowaste: ecotoxicological and chemical approach. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 8146-56	5.1	5
57	Improvement of historic reinforced concrete/mortars by impregnation and electrochemical methods. <i>Cement and Concrete Composites</i> , 2014 , 49, 50-58	8.6	30
56	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. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 162, 7-14	3.2	17
55	The role of operational parameters on the uptake of mercury by dithiocarbamate functionalized particles. <i>Chemical Engineering Journal</i> , 2014 , 254, 559-570	14.7	16

54	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	6.2	87
53	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	2.3	51
52	Silver nanoparticles in soil-plant systems. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	121
51	Glutathione and glutathione reductase: a boon in disguise for plant abiotic stress defense operations. <i>Plant Physiology and Biochemistry</i> , 2013 , 70, 204-12	5.4	288
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