Fernando J M GonÃ§alves

List of Publications by Year
in descending order

264	9,987	34076 52	56687 83
papers	citations	h-index	g-index

266	266	266	10818
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biosorption potential of the shell of Corbicula fluminea towards olive oil mill waste. International Journal of Environmental Science and Technology, 2022, 19, 5689-5696.	1.8	1
2	Venom of Viperidae: A Perspective of its Antibacterial and Antitumor Potential. Current Drug Targets, 2022, 23, 126-144.	1.0	6
3	The role of spray-drying atmosphere on fridericia chica (bonpl.) L.G. Lohmann standardized extract production for wound healing activity. Natural Product Research, 2022, 36, 4793-4797.	1.0	2
4	Microplastics in freshwater systems: The current status to achieve the sustainable development goals until 2030. Integrated Environmental Assessment and Management, 2022, 18, 289-291.	1.6	1
5	Effects of Pine and Eucalypt ashes on bacterial isolates from the skin microbiome of the fire salamander (Salamandra salamandra). Science of the Total Environment, 2022, 841, 156677.	3.9	4
6	Sequential recovery of C-phycocyanin and chlorophylls from Anabaena cylindrica. Separation and Purification Technology, 2021, 255, 117538.	3.9	25
7	Challenges to water quality assessment in Europe â€“ Is there scope for improvement of the current Water Framework Directive bioassessment scheme in rivers?. Ecological Indicators, 2021, 121, 107030.	2.6	31
8	Testing the response of benthic diatom assemblages to common riverine contaminants. Science of the Total Environment, 2021, 755, 142534.	3.9	8
9	Potential of Eucalyptus globulus for the phytoremediation of metals in a Moroccan iron mine soilâ€”a case study. Environmental Science and Pollution Research, 2021, 28, 15782-15793.	2.7	8
10	New insights on the effects of ionic liquid structural changes at the gene expression level: Molecular mechanisms of toxicity in Daphnia magna. Journal of Hazardous Materials, 2021, 409, 124517.	6.5	20
11	Application of a standard risk assessment scheme to a North Africa contaminated site (Sfax, Tunisia) -Tier 1. Chemosphere, 2021, 263, 128326.	4.2	4
12	Zwitterionic compounds are less ecotoxic than their analogous ionic liquids. Green Chemistry, 2021, 23, 3683-3692.	4.6	16
13	Assessing the neurotoxicity of the carbamate methomyl in Caenorhabditis elegans with a multi-level approach. Toxicology, 2021, 451, 152684.	2.0	14
14	Impacts of wildfires in aquatic organisms: biomarker responses and erythrocyte nuclear abnormalities in Gambusia holbrooki exposed in situ. Environmental Science and Pollution Research, 2021, 28, 51733-51744.	2.7	9
15	The â€œBright Sideâ€•of Cyanobacteria: Revising the Nuisance Potential and Prospecting Innovative Biotechnology-Based Solutions to Integrate Water Management Programs. ACS Sustainable Chemistry and Engineering, 2021, 9, 7182-7197.	3.2	9
16	Overview of Chemotaxis Behavior Assays in Caenorhabditis elegans. Current Protocols, 2021, 1, e120.	1.3	6
17	Measurement of the Effects of Metals on Taxisâ€toâ€Food Behavior in Caenorhabditis elegans. Current Protocols, 2021, 1, e131.	1.3	2
18	Effects of post-fire contamination in sediment-dwelling species of riverine systems. Science of the Total Environment, 2021, 771, 144813.	3.9	15

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19	Biochemical Effects of Two Pesticides in Three Different Temperature Scenarios on the Diatom Thalassiosira weissflogii. Processes, 2021, 9, 1247.	1.3	9
20	Cytotoxic effects of wildfire ashes: In-vitro responses of skin cells. Environmental Pollution, 2021, 285, 117279.	3.7	10
21	Responses of benthic diatoms to waters affected by post-fire contamination. Science of the Total Environment, 2021, 800, 149473.	3.9	5
22	Potential of the bivalve Corbicula fluminea for the remediation of olive oil wastewaters. Journal of Cleaner Production, 2020, 252, 119773.	4.6	20
23	Feeding inhibition following in-situ and laboratory exposure as an indicator of ecotoxic impacts of wildfires in affected waterbodies. Aquatic Toxicology, 2020, 227, 105587.	1.9	13
24	Can parasites adapt to pollutants? A multigenerational experiment with a Daphnia Ã— Metschnikowia model system exposed to the fungicide tebuconazole. Aquatic Toxicology, 2020, 226, 105584.	1.9	10
25	Applicability of heuristic rules defining structureâ€“ecotoxicity relationships of ionic liquids: an integrative assessment using species sensitivity distributions (SSD). Green Chemistry, 2020, 22, 6176-6186.	4.6	12
26	The bad against the villain: Suitability of Corbicula fluminea as a bioremediation agent towards cyanobacterial blooms. Ecological Engineering, 2020, 152, 105881.	1.6	5
27	Wildfire effects on two freshwater producers: Combining in-situ and laboratory bioassays. Ecotoxicology and Environmental Safety, 2020, 194, 110361.	2.9	10
28	Improving cost-efficiency for MPs density separation by zinc chloride reuse. MethodsX, 2020, 7, 100785.	0.7	44
29	Assessment of hazardous property HP 14 using ecotoxicological tests: a case study of weathered coal fly ash. Environmental Science and Pollution Research, 2020, 27, 20972-20983.	2.7	7
30	Prospects for incorporation of epigenetic biomarkers in human health and environmental risk assessment of chemicals. Biological Reviews, 2020, 95, 822-846.	4.7	19
31	Impacts of plastic products used in daily life on the environment and human health: What is known?. Environmental Toxicology and Pharmacology, 2019, 72, 103239.	2.0	141
32	Characterization of Ecotoxicological Effects of Green Liquor Dregs from the Pulp and Paper Industry. ACS Sustainable Chemistry and Engineering, 2019, 7, 14707-14715.	3.2	10
33	Caenorhabditis elegansas a tool for environmental risk assessment: emerging and promising applications for a â€œnobelized wormâ€• Critical Reviews in Toxicology, 2019, 49, 411-429.	1.9	53
34	Copper sulphate impact on the antioxidant defence system of the marine bivalves Cerastoderma edule and Scrobicularia plana. Scientific Reports, 2019, 9, 16458.	1.6	25
35	Using flow cytometry for bacterioplankton community analysis as a complementary tool to Water Framework Directive to signal putatively impacted sites. Science of the Total Environment, 2019, 695, 133754.	3.9	3
36	Glycine-betaine-derived ionic liquids: Synthesis, characterization and ecotoxicological evaluation. Ecotoxicology and Environmental Safety, 2019, 184, 109580.	2.9	27

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37	Synthesis and Characterization of Surfaceâ€Active Ionic Liquids Used in the Disruption of Escherichia Coli Cells. ChemPhysChem, 2019, 20, 727-735.	1.0	22
38	Flow cytometry analysis of low/high DNA content (LNA/HNA) bacteria as bioindicator of water quality evaluation. Ecological Indicators, 2019, 103, 774-781.	2.6	25
39	Biochemical impacts in adult and juvenile farmed European seabass and gilthead seabream from semi-intensive aquaculture of southern European estuarine systems. Environmental Science and Pollution Research, 2019, 26, 13422-13440.	2.7	2
40	Cytotoxicity profiling of deep eutectic solvents to human skin cells. Scientific Reports, 2019, 9, 3932.	1.6	93
41	Environmental benchmarks based on ecotoxicological assessment with planktonic species might not adequately protect benthic assemblages in lotic systems. Science of the Total Environment, 2019, 668, 1289-1297.	3.9	9
42	Impacts of S-metolachlor and terbuthylazine in fatty acid and carbohydrate composition of the benthic clam Scrobicularia plana. Ecotoxicology and Environmental Safety, 2019, 173, 293-304.	2.9	12
43	Ecotoxicity variation through parabens degradation by single and catalytic ozonation using volcanic rock. Chemical Engineering Journal, 2019, 360, 30-37.	6.6	30
44	Portuguese shallow eutrophic lakes: evaluation under the Water Framework Directive and possible physicochemical restoration measures. Euro-Mediterranean Journal for Environmental Integration, 2019, 4, 1.	0.6	5
45	Biomarkersâ€™ responses of the benthic clam Scrobicularia plana to the main active ingredients (S-metolachlor and Terbuthylazine) of a common herbicide. Ecological Indicators, 2019, 96, 611-619.	2.6	10
46	Effectiveness of a methodology of microplastics isolation for environmental monitoring in freshwater systems. Ecological Indicators, 2018, 89, 488-495.	2.6	78
47	Spatial and temporal distribution of microplastics in water and sediments of a freshwater system (AntuÃ£ River, Portugal). Science of the Total Environment, 2018, 633, 1549-1559.	3.9	560
48	Is the aquatic toxicity of cationic polyelectrolytes predictable from selected physical properties?. Chemosphere, 2018, 202, 145-153.	4.2	23
49	Mixture toxicity assisting the design of eco-friendlier plant protection products: a case-study using a commercial herbicide combining nicosulfuron and terbuthylazine. Scientific Reports, 2018, 8, 5547.	1.6	8
50	Feeding inhibition in Corbicula fluminea (O.F. Muller, 1774) as an effect criterion to pollutant exposure: Perspectives for ecotoxicity screening and refinement of chemical control. Aquatic Toxicology, 2018, 196, 25-34.	1.9	28
51	Ecotoxicological assessment of the herbicide Winner Top and its active substancesâ€”are the other formulants truly inert?. Ecotoxicology, 2018, 27, 945-955.	1.1	5
52	Effects of a herbicide and copper mixture on the quality of marine plankton. Ecotoxicology and Environmental Safety, 2018, 156, 9-17.	2.9	8
53	Soil ecotoxicological screening (tier 1) for a diffuse-contaminated drainage area surrounding a lacustrine ecosystem in the Centre of Portugal. Journal of Soils and Sediments, 2018, 18, 189-204.	1.5	4
54	Treatment of real industrial wastewaters through nano-TiO₂ and nano-Fe₂O₃ photocatalysis: case study of mining and kraft pulp mill effluents. Environmental Technology (United Kingdom), 2018, 39, 1586-1596.	1.2	31

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55	Temperature modulates the interaction between fungicide pollution and disease: evidence from a Daphnia-microparasitic yeast model. Parasitology, 2018, 145, 939-947.	0.7	10
56	Combined effect of copper sulfate and water temperature on key freshwater trophic levels â€“ Approaching potential climatic change scenarios. Ecotoxicology and Environmental Safety, 2018, 148, 384-392.	2.9	23
57	Fatty acids profiles modifications in the bivalves Cerastoderma edule and Scrobicularia plana in response to copper sulphate. Ecological Indicators, 2018, 85, 318-328.	2.6	21
58	Effects of zinc pyrithione on biochemical parameters of the freshwater Asian clam Corbicula fluminea. Aquatic Toxicology, 2018, 204, 100-106.	1.9	17
59	The antagonist and synergist potential of cholinium-based deep eutectic solvents. Ecotoxicology and Environmental Safety, 2018, 165, 597-602.	2.9	35
60	Unraveling the ecotoxicity of deep eutectic solvents using the mixture toxicity theory. Chemosphere, 2018, 212, 890-897.	4.2	62
61	Synthesizing the role of epigenetics in the response and adaptation of species to climate change in freshwater ecosystems. Molecular Ecology, 2018, 27, 2790-2806.	2.0	70
62	Ecotoxicological and biochemical mixture effects of an herbicide and a metal at the marine primary producer diatom Thalassiosira weissflogii and the primary consumer copepod Acartia tonsa. Environmental Science and Pollution Research, 2018, 25, 22180-22195.	2.7	17
63	Phytoplankton community-level bio-optical assessment in a naturally mercury contaminated Antarctic ecosystem (Deception Island). Marine Environmental Research, 2018, 140, 412-421.	1.1	19
64	Transgenerational Inheritance of DNA Hypomethylation in Daphnia magna in Response to Salinity Stress. Environmental Science & Technology, 2018, 52, 10114-10123.	4.6	67
65	Brain as a target organ of climate events: Environmental induced biochemical changes in three marine fish species. Ecological Indicators, 2018, 95, 815-824.	2.6	5
66	Cholinesterases as environmental biomarkers to address the putative effects of low, realistic levels of waterborne uranium. Ecological Indicators, 2018, 95, 1019-1025.	2.6	5
67	Off-site impacts of wildfires on aquatic systems â€” Biomarker responses of the mosquitofish Gambusia holbrooki. Science of the Total Environment, 2017, 581-582, 305-313.	3.9	40
68	The biochemical response of two commercial bivalve species to exposure to strong salinity changes illustrated by selected biomarkers. Ecological Indicators, 2017, 77, 59-66.	2.6	30
69	Ecotoxicological evaluation of magnetic ionic liquids. Ecotoxicology and Environmental Safety, 2017, 143, 315-321.	2.9	39
70	Concentration and timing of application reveal strong fungistatic effect of tebuconazole in a Daphnia-microparasitic yeast model. Aquatic Toxicology, 2017, 193, 144-151.	1.9	7
71	Stepwise strategy for monitoring toxic cyanobacterial blooms in lentic water bodies. Environmental Monitoring and Assessment, 2017, 189, 620.	1.3	5
72	Invasive Asian clam distribution pattern reveals minimal constraints to downstream dispersal and imperceptible ecological impacts. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 953-964.	0.9	10

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73	Uranium mining wastes: The use of the Fish Embryo Acute Toxicity Test (FET) test to evaluate toxicity and risk of environmental discharge. Science of the Total Environment, 2017, 605-606, 391-404.	3.9	39
74	Environmental hazard assessment of contaminated soils in Antarctica: Using a structured tier 1 approach to inform decision-making. Science of the Total Environment, 2017, 574, 443-454.	3.9	20
75	Longâ€Term Impacts of Postâ€Fire Mulching on Groundâ€Dwelling Arthropod Communities in a Eucalypt Plantation. Land Degradation and Development, 2017, 28, 1156-1162.	1.8	6
76	Interplay between fungicides and parasites: Tebuconazole, but not copper, suppresses infection in a Daphnia-Metschnikowia experimental model. PLoS ONE, 2017, 12, e0172589.	1.1	15
77	Biochemical and toxicological effects of organic (herbicide PrimextraÂ® Gold TZ) and inorganic (copper) compounds on zooplankton and phytoplankton species. Aquatic Toxicology, 2016, 177, 33-43.	1.9	51
78	Biological control of the invasive Asian clam, Corbicula fluminea: can predators tame the beast?. Hydrobiologia, 2016, 779, 209-226.	1.0	11
79	Multibiomarker toxicity characterization of uranium mine drainages to the fish Carassius auratus. Environmental Science and Pollution Research, 2016, 23, 13355-13367.	2.7	8
80	Fatty acid profiling as bioindicator of chemical stress in marine organisms: A review. Ecological Indicators, 2016, 67, 657-672.	2.6	118
81	Reproductive and developmental toxicity of the herbicide BetanalÂ® Expert and corresponding active ingredients to Daphnia spp.. Environmental Science and Pollution Research, 2016, 23, 13276-13287.	2.7	6
82	Toxicity of two fungicides in Daphnia: is it always temperature-dependent?. Ecotoxicology, 2016, 25, 1376-1389.	1.1	16
83	Effects of dietary exposure to herbicide and of the nutritive quality of contaminated food on the reproductive output of Daphnia magna. Aquatic Toxicology, 2016, 179, 1-7.	1.9	16
84	TiO 2 nanoparticles for the remediation of eutrophic shallow freshwater systems: Efficiency and impacts on aquatic biota under a microcosm experiment. Aquatic Toxicology, 2016, 178, 58-71.	1.9	20
85	In vitro test systems supporting the development of improved pest control methods: a case study with chemical mixtures and bivalve biofoulers. Biofouling, 2016, 32, 1195-1208.	0.8	3
86	Contribution for the derivation of a soil screening level (SSV) for cadmium using a natural reference soil. Journal of Soils and Sediments, 2016, 16, 134-149.	1.5	9
87	Phytotoxicity of natural soils using physiological and biochemical endpoints reveals confounding factors: can a weight of evidence tackle uncertainty?. Journal of Soils and Sediments, 2016, 16, 785-800.	1.5	0
88	Photocatalytic Treatment of Olive Oil Mill Wastewater Using TiO2 and Fe2O3 Nanomaterials. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	14
89	Effects of ash-loaded post-fire runoff on the freshwater clam Corbicula fluminea. Ecological Engineering, 2016, 90, 180-189.	1.6	26
90	Copper toxicity in a natural reference soil: ecotoxicological data for the derivation of preliminary soil screening values. Ecotoxicology, 2016, 25, 163-177.	1.1	22

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91	Fatty acidsâ€™ profiles as indicators of stress induced by of a common herbicide on two marine bivalves species: Cerastoderma edule (Linnaeus, 1758) and Scrobicularia plana (da Costa, 1778). Ecological Indicators, 2016, 63, 209-218.	2.6	61
92	Acute and chronic ecotoxicological effects of four pharmaceuticals drugs on cladoceran Daphnia magna. Drug and Chemical Toxicology, 2016, 39, 13-21.	1.2	70
93	Toxicity of solid residues resulting from wastewater treatment with nanomaterials. Aquatic Toxicology, 2015, 165, 172-178.	1.9	28
94	Assessing the ecotoxicity of metal nano-oxides with potential for wastewater treatment. Environmental Science and Pollution Research, 2015, 22, 13212-13224.	2.7	51
95	Biochemical and physiological modifications in tissues of Sardina pilchardus: spatial and temporal patterns as a baseline for biomonitoring studies. Frontiers in Environmental Science, 2015, 3, .	1.5	9
96	Evaluation of ecotoxicological effects of drugs on Daphnia magna using different enzymatic biomarkers. Ecotoxicology and Environmental Safety, 2015, 119, 123-131.	2.9	76
97	Chronic Effects of Realistic Concentrations of Non-essential and Essential Metals (Lead and Zinc) on Oxidative Stress Biomarkers of the Mosquitofish, Gambusia holbrooki. Archives of Environmental Contamination and Toxicology, 2015, 69, 586-595.	2.1	6
98	Toxicity assessment of aqueous extracts of ash from forest fires. Catena, 2015, 135, 401-408.	2.2	70
99	Biological treatment with fungi of olive mill wastewater pre-treated by photocatalytic oxidation with nanomaterials. Ecotoxicology and Environmental Safety, 2015, 115, 234-242.	2.9	39
100	Environmental safety of cholinium-based ionic liquids: assessing structureâ€“ecotoxicity relationships. Green Chemistry, 2015, 17, 4657-4668.	4.6	115
101	Progressive acclimation alters interaction between salinity and temperature in experimental Daphnia populations. Chemosphere, 2015, 139, 126-132.	4.2	22
102	Biochemical and populational responses of an aquatic bioindicator species, Daphnia longispina, to a commercial formulation of a herbicide (PrimextraÂ® Gold TZ) and its active ingredient (S-metolachlor). Ecological Indicators, 2015, 53, 220-230.	2.6	54
103	Phosphogypsum as a soil fertilizer: Ecotoxicity of amended soil and elutriates to bacteria, invertebrates, algae and plants. Journal of Hazardous Materials, 2015, 294, 80-89.	6.5	134
104	New insights towards the establishment of phycocyanin concentration thresholds considering species-specific variability of bloom-forming cyanobacteria. Hydrobiologia, 2015, 757, 155-165.	1.0	21
105	Ecotoxicity of Cholinium-Based Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2015, 3, 3398-3404.	3.2	119
106	Enhancing the Antioxidant Characteristics of Phenolic Acids by Their Conversion into Cholinium Salts. ACS Sustainable Chemistry and Engineering, 2015, 3, 2558-2565.	3.2	54
107	Sensitivity of the invasive bivalve Corbicula fluminea to candidate control chemicals: The role of dissolved oxygen conditions. Science of the Total Environment, 2015, 536, 825-830.	3.9	14
108	Optimization of growth conditions for laboratory and field assessments using immobilized benthic diatoms. Environmental Science and Pollution Research, 2015, 22, 5919-5930.	2.7	2

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109	Perturbations in ROS-related processes of the fish Gambusia holbrooki after acute and chronic exposures to the metals copper and cadmium. Environmental Science and Pollution Research, 2015, 22, 3756-3765.	2.7	24
110	The cavernicolous Oniscidea (Crustacea: Isopoda) of Portugal. European Journal of Taxonomy, 2015, , .	0.6	19
111	Dispersal ofCorbicula fluminea: factors influencing the invasive clam's drifting behavior. Annales De Limnologie, 2014, 50, 37-47.	0.6	20
112	The impact of paracetamol on selected biomarkers of the mollusc species Corbicula fluminea. Environmental Toxicology, 2014, 29, 74-83.	2.1	66
113	Effects of chronic exposure to lead, copper, zinc, and cadmium on biomarkers of the European eel, Anguilla anguilla. Environmental Science and Pollution Research, 2014, 21, 5689-5700.	2.7	27
114	The Gooseneck Barnacle (Pollicipes pollicipes) as a Candidate Sentinel Species for Coastal Contamination. Archives of Environmental Contamination and Toxicology, 2014, 66, 317-326.	2.1	19
115	Ecotoxicity analysis of cholinium-based ionic liquids to Vibrio fischeri marine bacteria. Ecotoxicology and Environmental Safety, 2014, 102, 48-54.	2.9	185
116	Combination effects of anticholinesterasics in acetylcholinesterase of a fish species: effects of a metallic compound, an organophosphate pesticide, and a pharmaceutical drug. Environmental Science and Pollution Research, 2014, 21, 6258-6262.	2.7	15
117	Effects of environmentally relevant concentrations of metallic compounds on the flatfish Scophthalmus maximus: biomarkers of neurotoxicity, oxidative stress and metabolism. Environmental Science and Pollution Research, 2014, 21, 7501-7511.	2.7	14
118	Toxicity screening of soils from different mine areasâ€"A contribution to track the sensitivity and variability of Arthrobacter globiformis assay. Journal of Hazardous Materials, 2014, 274, 331-341.	6.5	19
119	Understanding the impact of the central atom on the ionic liquid behavior: Phosphonium vs ammonium cations. Journal of Chemical Physics, 2014, 140, 064505.	1.2	127
120	Effect of acetaminophen exposure in Oncorhynchus mykiss gills and liver: Detoxification mechanisms, oxidative defence system and peroxidative damage. Environmental Toxicology and Pharmacology, 2014, 37, 1221-1228.	2.0	76
121	Environmental effects of anticholinesterasic therapeutic drugs on a crustacean species, Daphnia magna. Environmental Science and Pollution Research, 2014, 21, 4418-4429.	2.7	21
122	Assessment of river water quality using an integrated physicochemical, biological and ecotoxicological approach. Environmental Sciences: Processes and Impacts, 2014, 16, 1434.	1.7	20
123	Modulation of neuronal activity and hepatic metabolism by ploidy and<scp>l</scp>-carnitine supplement in rainbow trout (Oncorhynchus mykiss). Aquaculture Nutrition, 2014, 20, 242-252.	1.1	9
124	The effect of the cation alkyl chain branching on mutual solubilities with water and toxicities. Physical Chemistry Chemical Physics, 2014, 16, 19952.	1.3	64
125	Sustainable design for environment-friendly mono and dicationic cholinium-based ionic liquids. Ecotoxicology and Environmental Safety, 2014, 108, 302-310.	2.9	83
126	Biochemical and standard toxic effects of acetaminophen on the macrophyte species Lemna minor and Lemna gibba. Environmental Science and Pollution Research, 2014, 21, 10815-10822.	2.7	49

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127	Resilience of the macroinvertebrate community of a small mountain river (Mau River, Portugal) subject to multiple stresses. Marine and Freshwater Research, 2014, 65, 633.	0.7	14
128	Evaluation of candidate biocides to control the biofouling Asian clam in the drinking water treatment industry: An environmentally friendly approach. Journal of Great Lakes Research, 2014, 40, 421-428.	0.8	23
129	Toxicity Testing with the Benthic Diatom Navicula libonensis (Schoeman 1970): Procedure Optimisation and Assessment of the Species Sensitivity to Reference Chemicals. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 71-77.	1.3	6
130	The Impact of Uranium Mine Contamination of Soils on Plant Litter Decomposition. Archives of Environmental Contamination and Toxicology, 2014, 67, 601-616.	2.1	7
131	The effects of acrylamide polyelectrolytes on aquatic organisms: Relating toxicity to chain architecture. Chemosphere, 2014, 112, 177-184.	4.2	28
132	Bioremediation of Metal-Rich Effluents: Could the Invasive Bivalve Corbicula fluminea Work as a Biofilter?. Journal of Environmental Quality, 2014, 43, 1536-1545.	1.0	29
133	Dispersal ofCorbicula fluminea: Factors influencing the invasive clam's drifting behavior. Annales De Limnologie, 2014, 50, 199-199.	0.6	2
134	Contribution for the Derivation of a Soil Screening Value (SSV) for Uranium, Using a Natural Reference Soil. PLoS ONE, 2014, 9, e108041.	1.1	12
135	Acute Toxicity of Copper Sulfate and Potassium Dichromate on Stygobiont Proasellus: General Aspects of Groundwater Ecotoxicology and Future Perspectives. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	35
136	Biochemical effects of acetaminophen in aquatic species: edible clams Venerupis decussata and Venerupis philippinarum. Environmental Science and Pollution Research, 2013, 20, 6658-6666.	2.7	120
137	Evaluation of growth, biochemical and bioaccumulation parameters in Pelophylax perezi tadpoles, following an in-situ acute exposure to three different effluent ponds from a uranium mine. Science of the Total Environment, 2013, 445-446, 321-328.	3.9	25
138	Community-level effects in edaphic fauna from an abandoned mining area: Integration with chemical and toxicological lines of evidence. Ecotoxicology and Environmental Safety, 2013, 88, 65-71.	2.9	5
139	The performance of Fraxinus angustifolia as a helper for metal phytoremediation programs and its relation to the endophytic bacterial communities. Geoderma, 2013, 202-203, 171-182.	2.3	18
140	Short-term effects of neuroactive pharmaceutical drugs on a fish species: Biochemical and behavioural effects. Aquatic Toxicology, 2013, 144-145, 218-229.	1.9	104
141	Life-history responses of salinity-tolerant and salinity-sensitive lineages of a stenohaline cladoceran do not confirm clonal differentiation. Hydrobiologia, 2013, 702, 73-82.	1.0	18
142	Metal bioaccumulation, genotoxicity and gene expression in the European wood mouse (Apodemus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 673-680.	3.9	34
143	SSH gene expression profile of Eisenia andrei exposed in situ to a naturally contaminated soil from an abandoned uranium mine. Ecotoxicology and Environmental Safety, 2013, 88, 16-25.	2.9	13
144	Differential gene expression in Iberian green frogs (Pelophylax perezi) inhabiting a deactivated uranium mine. Ecotoxicology and Environmental Safety, 2013, 87, 115-119.	2.9	5

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145	Imidazolium and Pyridinium Ionic Liquids from Mandelic Acid Derivatives: Synthesis and Bacteria and Algae Toxicity Evaluation. ACS Sustainable Chemistry and Engineering, 2013, 1, 393-402.	3.2	77
146	Biomonitoring a human population inhabiting nearby a deactivated uranium mine. Toxicology, 2013, 305, 89-98.	2.0	34
147	Toxicity of organic and inorganic nanoparticles to four species of white-rot fungi. Science of the Total Environment, 2013, 458-460, 290-297.	3.9	26
148	Mechanisms of kidney toxicity for chromium- and arsenic-based preservatives: Potential involvement of a pro-oxidative pathway. Environmental Toxicology and Pharmacology, 2013, 36, 929-936.	2.0	9
149	Effects of anthropogenic metallic contamination on cholinesterases of Gambusia holbrooki. Marine Pollution Bulletin, 2013, 76, 72-76.	2.3	9
150	Designing ionic liquids: the chemical structure role in the toxicity. Ecotoxicology, 2013, 22, 1-12.	1.1	230
151	Literature survey, bibliographic analysis and a taxonomic catalogue of subterranean fauna from Portugal. Subterranean Biology, 2013, 10, 51-60.	5.0	22
152	Can Physiological Endpoints Improve the Sensitivity of Assays with Plants in the Risk Assessment of Contaminated Soils?. PLoS ONE, 2013, 8, e59748.	1.1	8
153	Competitive Outcome of Daphnia-Simocephalus Experimental Microcosms: Salinity versus Priority Effects. PLoS ONE, 2013, 8, e70572.	1.1	29
154	On hypogean Roncocreagris (Arachnida: Pseudoscorpiones: Neobisiidae) from Portugal, with descriptions of three new species. Zootaxa, 2013, 3670, 283.	0.2	8
155	Genetic variability in the tolerance of natural populations ofSimocephalus vetulus(MÃ¼ller,) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	26
156	Are metallothioneins equally good biomarkers of metal and oxidative stress?. Ecotoxicology and Environmental Safety, 2012, 84, 185-190.	2.9	36
157	Assessment of the toxicity of ash-loaded runoff from a recently burnt eucalypt plantation. European Journal of Forest Research, 2012, 131, 1889-1903.	1.1	73
158	Treatment of Olive Oil Mill Wastewater by Silicaâ€“Alginateâ€“Fungi Biocomposites. Water, Air, and Soil Pollution, 2012, 223, 4307-4318.	1.1	12
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