

Amadeu Soares

List of Publications by Year in descending order

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761
papers

26,568
citations

11608

70
h-index

24915

109
g-index

773
all docs

773
docs citations

773
times ranked

20324
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between effects of environmental chemicals and natural stressors: A review. <i>Science of the Total Environment</i> , 2010, 408, 3746-3762.	3.9	621
2	Metal-based nanoparticles in soil: Fate, behavior, and effects on soil invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1679-1692.	2.2	355
3	Rethinking and optimising plastic waste management under COVID-19 pandemic: Policy solutions based on redesign and reduction of single-use plastics and personal protective equipment. <i>Science of the Total Environment</i> , 2020, 742, 140565.	3.9	331
4	Effects of nanoplastics on <i>Mytilus galloprovincialis</i> after individual and combined exposure with carbamazepine. <i>Science of the Total Environment</i> , 2018, 643, 775-784.	3.9	280
5	Beyond taxonomy: a review of macroinvertebrate trait-based community descriptors as tools for freshwater biomonitoring. <i>Journal of Applied Ecology</i> , 2010, 47, 711-719.	1.9	267
6	Effects of triclosan on zebrafish early-life stages and adults. <i>Environmental Science and Pollution Research</i> , 2009, 16, 679-688.	2.7	256
7	Lactate dehydrogenase activity as an effect criterion in toxicity tests with <i>Daphnia magna</i> straus. <i>Chemosphere</i> , 2001, 45, 553-560.	4.2	248
8	Acute effects of copper and mercury on the estuarine fish <i>Pomatoschistus microps</i> : Linking biomarkers to behaviour. <i>Chemosphere</i> , 2009, 76, 1416-1427.	4.2	247
9	Inhibition of acetylcholinesterase activity as effect criterion in acute tests with juvenile <i>Daphnia Magna</i> . <i>Chemosphere</i> , 1996, 32, 727-738.	4.2	246
10	Biochemical responses of the marine mussel <i>Mytilus galloprovincialis</i> to petrochemical environmental contamination along the North-western coast of Portugal. <i>Chemosphere</i> , 2007, 66, 1230-1242.	4.2	223
11	The <i>Daphnia</i> bioassay: a critique. <i>Hydrobiologia</i> , 1989, 188-189, 403-406.	1.0	218
12	SHORT COMMUNICATION Should the use of inhibition of cholinesterases as a specific biomarker for organophosphate and carbamate pesticides be questioned. <i>Biomarkers</i> , 1998, 3, 157-163.	0.9	210
13	Silver nanoparticles and silver nitrate induce high toxicity to <i>Pseudokirchneriella subcapitata</i> , <i>Daphnia magna</i> and <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2014, 466-467, 232-241.	3.9	192
14	Toxicity of binary mixtures of metals and pyrethroid insecticides to <i>Daphnia magna</i> Straus. Implications for multi-substance risks assessment. <i>Aquatic Toxicology</i> , 2006, 78, 1-14.	1.9	187
15	Terrestrial avoidance behaviour tests as screening tool to assess soil contamination. <i>Environmental Pollution</i> , 2005, 138, 121-131.	3.7	185
16	Acute Toxicity Test with <i>Daphnia magna</i> : An Alternative to Mammals in the Prescreening of Chemical Toxicity?. <i>Ecotoxicology and Environmental Safety</i> , 2000, 46, 357-362.	2.9	172
17	Cholinesterase and glutathione S-transferase activities in freshwater invertebrates as biomarkers to assess pesticide contamination. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 5-18.	2.2	163
18	A comparative study of genotype sensitivity to acute toxic stress using clones of <i>Daphnia magna</i> straus. <i>Ecotoxicology and Environmental Safety</i> , 1991, 21, 257-265.	2.9	161

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19	In vivo evaluation of three biomarkers in the mosquitofish (<i>Gambusia yucatana</i>) exposed to pesticides. <i>Chemosphere</i> , 2005, 58, 627-636.	4.2	147
20	Effect of Endosulfan and Parathion on Energy Reserves and Physiological Parameters of the Terrestrial Isopod <i>Porcellio dilatatus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2001, 49, 131-138.	2.9	142
21	In vitro and in vivo inhibition of <i>Daphnia magna</i> acetylcholinesterase by surfactant agents: possible implications for contamination biomonitoring. <i>Science of the Total Environment</i> , 2000, 247, 137-141.	3.9	140
22	Presence of the pharmaceutical drug carbamazepine in coastal systems: Effects on bivalves. <i>Aquatic Toxicology</i> , 2014, 156, 74-87.	1.9	140
23	Acetylcholinesterase Activity in Juveniles of <i>Daphnia magna</i> Straus. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 57, 979-985.	1.3	136
24	Zinc oxide nanoparticles toxicity to <i>Daphnia magna</i> : size-dependent effects and dissolution. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 190-198.	2.2	136
25	Physiological and biochemical responses of three Veneridae clams exposed to salinity changes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 177-178, 1-9.	0.7	136
26	Use, fate and ecological risks of antibiotics applied in tilapia cage farming in Thailand. <i>Environmental Pollution</i> , 2014, 191, 8-16.	3.7	132
27	Surface binding of contaminants by algae: Consequences for lethal toxicity and feeding to <i>Daphnia magna</i> Straus. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 412-419.	2.2	130
28	Macroinvertebrate response to acid mine drainage: community metrics and on-line behavioural toxicity bioassay. <i>Environmental Pollution</i> , 2004, 130, 263-274.	3.7	129
29	Assessment of biomarkers of cadmium stress in lettuce. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 811-818.	2.9	128
30	Effects of oxytetracycline and amoxicillin on development and biomarkers activities of zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 903-912.	2.0	121
31	Fear and loathing in the benthos: Responses of aquatic insect larvae to the pesticide imidacloprid in the presence of chemical signals of predation risk. <i>Aquatic Toxicology</i> , 2009, 93, 138-149.	1.9	116
32	Biomarkers as a tool to assess effects of chromium (VI): Comparison of responses in zebrafish early life stages and adults. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 338-345.	1.3	111
33	Proteins in ecotoxicology – How, why and why not?. <i>Proteomics</i> , 2010, 10, 873-887.	1.3	111
34	Avoidance behaviour of <i>Enchytraeus albidus</i> : Effects of Benomyl, Carbendazim, phenmedipham and different soil types. <i>Chemosphere</i> , 2005, 59, 501-510.	4.2	109
35	Influence of Cellular Density on Determination of EC50 in Microalgal Growth Inhibition Tests. <i>Ecotoxicology and Environmental Safety</i> , 2000, 47, 112-116.	2.9	108
36	Toxicity prediction of binary combinations of cadmium, carbendazim and low dissolved oxygen on <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2008, 89, 28-39.	1.9	101

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37	Toxicity of three binary mixtures to <i>Daphnia magna</i> : Comparing chemical modes of action and deviations from conceptual models. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1716-1726.	2.2	101
38	Ring-Testing and Field-Validation of a Terrestrial Model Ecosystem (TME) – An Instrument for Testing Potentially Harmful Substances: Conceptual Approach and Study Design. <i>Ecotoxicology</i> , 2004, 13, 9-27.	1.1	99
39	Structural and functional responses of benthic invertebrates to imidacloprid in outdoor stream mesocosms. <i>Environmental Pollution</i> , 2009, 157, 2328-2334.	3.7	99
40	<i>Enchytraeus crypticus</i> as model species in soil ecotoxicology. <i>Chemosphere</i> , 2012, 87, 1222-1227.	4.2	96
41	Acute Toxicity of Atrazine, Endosulfan Sulphate and Chlorpyrifos to <i>Vibrio fischeri</i> , <i>Thamnocephalus platyurus</i> and <i>Daphnia magna</i> , Relative to Their Concentrations in Surface Waters from the Alentejo Region of Portugal. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 485-489.	1.3	92
42	Assessing joint toxicity of chemicals in <i>Enchytraeus albidus</i> (Enchytraeidae) and <i>Porcellionides pruinosus</i> (Isopoda) using avoidance behaviour as an endpoint. <i>Environmental Pollution</i> , 2009, 157, 625-636.	3.7	92
43	Ecotoxicological effects of lanthanum in <i>Mytilus galloprovincialis</i> : Biochemical and histopathological impacts. <i>Aquatic Toxicology</i> , 2019, 211, 181-192.	1.9	89
44	Evidence for the Stepwise Stress Model: <i>Gambusia holbrooki</i> and <i>Daphnia magna</i> under Acid Mine Drainage and Acidified Reference Water Stress. <i>Environmental Science & Technology</i> , 2005, 39, 4150-4158.	4.6	88
45	Obesogens beyond Vertebrates: Lipid Perturbation by Tributyltin in the Crustacean <i>Daphnia magna</i> . <i>Environmental Health Perspectives</i> , 2015, 123, 813-819.	2.8	88
46	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
47	Carbendazim exposure induces developmental, biochemical and behavioural disturbance in zebrafish embryos. <i>Aquatic Toxicology</i> , 2016, 170, 390-399.	1.9	87
48	Risk assessment of representative and priority pesticides, in surface water of the Alqueva reservoir (South of Portugal) using on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Environment International</i> , 2009, 35, 545-551.	4.8	86
49	Microplastics in landfill leachates: The need for reconnaissance studies and remediation technologies. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 3, 100072.	2.9	86
50	Lichen traits responding to aridity. <i>Journal of Ecology</i> , 2015, 103, 451-458.	1.9	85
51	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
52	Biochemical and physiological responses induced in <i>Mytilus galloprovincialis</i> after a chronic exposure to salicylic acid. <i>Aquatic Toxicology</i> , 2019, 214, 105258.	1.9	85
53	Biodiversity offsets: from current challenges to harmonized metrics. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 61-67.	3.1	84
54	Life history and biochemical effects of chlorantraniliprole on <i>Chironomus riparius</i> . <i>Science of the Total Environment</i> , 2015, 508, 506-513.	3.9	83

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55	The relative importance of water and food as cadmium sources to <i>Daphnia magna</i> Straus. <i>Aquatic Toxicology</i> , 2002, 61, 143-154.	1.9	82
56	Spatial distribution and bioaccumulation patterns in three clam populations from a low contaminated ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 155, 114-125.	0.9	82
57	Impact of organic and inorganic nanomaterials in the soil microbial community structure. <i>Science of the Total Environment</i> , 2012, 424, 344-350.	3.9	80
58	The impacts of pharmaceutical drugs under ocean acidification: New data on single and combined long-term effects of carbamazepine on <i>Scrobicularia plana</i> . <i>Science of the Total Environment</i> , 2016, 541, 977-985.	3.9	80
59	Toxicity of dyes to zebrafish at the biochemical level: Cellular energy allocation and neurotoxicity. <i>Environmental Pollution</i> , 2018, 235, 255-262.	3.7	79
60	Combined effects of seawater acidification and salinity changes in <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2016, 176, 141-150.	1.9	78
61	Effects of seawater acidification and salinity alterations on metabolic, osmoregulation and oxidative stress markers in <i>Mytilus galloprovincialis</i> . <i>Ecological Indicators</i> , 2017, 79, 54-62.	2.6	78
62	Among- and within-population variability in tolerance to cadmium stress in natural populations of <i>Daphnia magna</i> : Implications for ecological risk assessment. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1058-1064.	2.2	77
63	Caffeine impacts in the clam <i>Ruditapes philippinarum</i> : Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. <i>Chemosphere</i> , 2016, 160, 95-103.	4.2	77
64	Effects of binary mixtures on the life traits of <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 99-110.	2.9	76
65	Polystyrene nanoplastics alter the cytotoxicity of human pharmaceuticals on marine fish cell lines. <i>Environmental Toxicology and Pharmacology</i> , 2019, 69, 57-65.	2.0	76
66	Evaluation of the toxicity of two soils from Jales Mine (Portugal) using aquatic bioassays. <i>Chemosphere</i> , 2005, 61, 168-177.	4.2	75
67	Mechanisms of response to silver nanoparticles on <i>Enchytraeus albidus</i> (Oligochaeta): Survival, reproduction and gene expression profile. <i>Journal of Hazardous Materials</i> , 2013, 254-255, 336-344.	6.5	75
68	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , 2015, 85, 137-147.	5.3	74
69	Biomarkers and energy reserves in the isopod <i>Porcellionides pruinosus</i> : The effects of long-term exposure to dimethoate. <i>Science of the Total Environment</i> , 2015, 502, 91-102.	3.9	74
70	Effects of imidacloprid exposure on <i>Chironomus riparius</i> Meigen larvae: Linking acetylcholinesterase activity to behaviour. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1210-1215.	2.9	73
71	Tolerance of <i>Venerupis philippinarum</i> to salinity: Osmotic and metabolic aspects. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 171, 36-43.	0.8	73
72	Characterization of Cholinesterases from <i>Daphnia magna</i> Straus and Their Inhibition by Zinc. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 71, 219-225.	1.3	71

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73	EFFECT OF SOIL PROPERTIES AND AGING ON THE TOXICITY OF COPPER FOR ENCHYTRAEUS ALBIDUS, ENCHYTRAEUS LUXURIOSUS, AND FOLSOMIA CANDIDA. Environmental Toxicology and Chemistry, 2005, 24, 1875.	2.2	71
74	Physiological and biochemical alterations induced in the mussel Mytilus galloprovincialis after short and long-term exposure to carbamazepine. Water Research, 2017, 117, 102-114.	5.3	71
75	Bioaccumulation of silver in Daphnia magna: Waterborne and dietary exposure to nanoparticles and dissolved silver. Science of the Total Environment, 2017, 574, 1633-1639.	3.9	71
76	Combined use of Daphnia magna in situ bioassays, biomarkers and biological indices to diagnose and identify environmental pressures on invertebrate communities in two Mediterranean urbanized and industrialized rivers (NE Spain). Aquatic Toxicology, 2008, 87, 310-320.	1.9	70
77	Assessment of anthropogenic sources of water pollution using multivariate statistical techniques: a case study of the Alqueva's reservoir, Portugal. Environmental Monitoring and Assessment, 2010, 165, 539-552.	1.3	70
78	Assessing lethal and sub-lethal effects of trichlorfon on different trophic levels. Aquatic Toxicology, 2011, 103, 191-198.	1.9	70
79	Enchytraeid Reproduction TestPLUS: hatching, growth and full life cycle test – an optional multi-endpoint test with Enchytraeus crypticus. Ecotoxicology, 2015, 24, 1053-1063.	1.1	70
80	The effects of arsenic and seawater acidification on antioxidant and biomineralization responses in two closely related Crassostrea species. Science of the Total Environment, 2016, 545-546, 569-581.	3.9	70
81	Interclonal variation in the performance of <i>Daphnia magna</i> straus in chronic bioassays. Environmental Toxicology and Chemistry, 1992, 11, 1477-1483.	2.2	69
82	Feeding behaviour of the terrestrial isopod Porcellionides pruinosus Brandt, 1833 (Crustacea). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 2006, 369, 119-128.	3.9	69
83	Acute effects of deltamethrin on swimming velocity and biomarkers of the common prawn Palaemon serratus. Aquatic Toxicology, 2012, 124-125, 209-216.	1.9	69
84	Oxidative stress effects of titanium dioxide nanoparticle aggregates in zebrafish embryos. Science of the Total Environment, 2014, 470-471, 379-389.	3.9	68
85	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. Ecotoxicology and Environmental Safety, 2019, 184, 109632.	2.9	68
86	Effects of Cadmium and Zinc on the feeding behaviour of two freshwater crustaceans: Atyaephyra desmarestii (Decapoda) and Echinogammarus meridionalis (Amphipoda). Chemosphere, 2007, 68, 1556-1562.	4.2	67
87	Synergistic effects caused by atrazine and terbuthylazine on chlorpyrifos toxicity to early-life stages of the zebrafish Danio rerio. Environmental Science and Pollution Research, 2013, 20, 4671-4680.	2.7	67
88	Ecotoxicity and genotoxicity of cadmium in different marine trophic levels. Environmental Pollution, 2016, 215, 203-212.	3.7	67
89	Toxicological assessment of anthropogenic Gadolinium in seawater: Biochemical effects in mussels Mytilus galloprovincialis. Science of the Total Environment, 2019, 664, 626-634.	3.9	67
90	Toxicity of Sodium Molybdate and Sodium Dichromate to Daphnia magna Straus Evaluated in Acute, Chronic, and Acetylcholinesterase Inhibition Tests. Ecotoxicology and Environmental Safety, 2000, 45, 253-259.	2.9	66

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91	Effect of different soil types on the enchytraeids <i>Enchytraeus albidus</i> and <i>Enchytraeus luxuriosus</i> using the herbicide Phenmedipham. <i>Chemosphere</i> , 2005, 61, 1102-1114.	4.2	66
92	Trematode communities in cockles (<i>Cerastoderma edule</i>) of the Ria de Aveiro (Portugal): Influence of inorganic contamination. <i>Marine Pollution Bulletin</i> , 2014, 82, 117-126.	2.3	66
93	Ecotoxicity and genotoxicity of a binary combination of triclosan and carbendazim to <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 279-290.	2.9	66
94	<i>Enchytraeus albidus</i> (Enchytraeidae): A test organism in a standardised avoidance test? Effects of different chemical substances. <i>Environment International</i> , 2008, 34, 363-371.	4.8	65
95	Effects of atrazine and endosulfan sulphate on the ecdysteroid system of <i>Daphnia magna</i> . <i>Chemosphere</i> , 2009, 74, 676-681.	4.2	65
96	INTERCLONAL VARIATION IN THE PERFORMANCE OF DAPHNIA MAGNA STRAUS IN CHRONIC BIO ASSAYS. <i>Environmental Toxicology and Chemistry</i> , 1992, 11, 1477.	2.2	65
97	Evaluation of surface water quality using an ecotoxicological approach: a case study of the Alqueva Reservoir (Portugal). <i>Environmental Science and Pollution Research</i> , 2010, 17, 703-716.	2.7	64
98	Toxicity and genotoxicity of organic and inorganic nanoparticles to the bacteria <i>Vibrio fischeri</i> and <i>Salmonella typhimurium</i> . <i>Ecotoxicology</i> , 2012, 21, 637-648.	1.1	64
99	Chronic toxicity of the antiepileptic carbamazepine on the clam <i>Ruditapes philippinarum</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 172-173, 26-35.	1.3	64
100	Avoidance test with <i>Enchytraeus albidus</i> (Enchytraeidae): Effects of different exposure time and soil properties. <i>Environmental Pollution</i> , 2008, 155, 112-116.	3.7	63
101	Zebrafish Models for Human Acute Organophosphorus Poisoning. <i>Scientific Reports</i> , 2015, 5, 15591.	1.6	63
102	An in situ bioassay for freshwater environments with the microalga <i>Pseudokirchneriella subcapitata</i> . <i>Ecotoxicology and Environmental Safety</i> , 2004, 59, 164-173.	2.9	62
103	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. <i>Environmental Pollution</i> , 2020, 263, 114442.	3.7	62
104	Characterization of the cholinesterases present in head tissues of the estuarine fish <i>Pomatoschistus microps</i> : Application to biomonitoring. <i>Ecotoxicology and Environmental Safety</i> , 2005, 62, 341-347.	2.9	60
105	Impact of chemical exposure on the fish <i>Pomatoschistus microps</i> Kr�yer (1838) in estuaries of the Portuguese Northwest coast. <i>Chemosphere</i> , 2007, 66, 514-522.	4.2	60
106	The use of a lacertid lizard as a model for reptile ecotoxicology studies: Part 2 – Biomarkers of exposure and toxicity among pesticide exposed lizards. <i>Chemosphere</i> , 2012, 87, 765-774.	4.2	60
107	Water-Column, Sediment, and in Situ Chronic Bioassays with Cladocerans. <i>Ecotoxicology and Environmental Safety</i> , 2000, 47, 27-38.	2.9	59
108	Effect of Cu-nanoparticles versus one Cu-salt: Analysis of stress biomarkers response in <i>Enchytraeus albidus</i> (Oligochaeta). <i>Nanotoxicology</i> , 2012, 6, 134-143.	1.6	59

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109	Native and introduced clams biochemical responses to salinity and pH changes. <i>Science of the Total Environment</i> , 2016, 566-567, 260-268.	3.9	59
110	Effects of seawater temperature increase on economically relevant native and introduced clam species. <i>Marine Environmental Research</i> , 2017, 123, 62-70.	1.1	59
111	Impacts of salicylic acid in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103448.	2.0	59
112	Novel Bioassay Based on Acetylcholinesterase and Lactate Dehydrogenase Activities to Evaluate the Toxicity of Chemicals to Soil Isopods. <i>Ecotoxicology and Environmental Safety</i> , 1999, 44, 287-293.	2.9	58
113	Genetic variability in sublethal tolerance to mixtures of cadmium and zinc in clones of <i>Daphnia magna</i> Straus. <i>Aquatic Toxicology</i> , 2002, 60, 85-99.	1.9	58
114	Compounds altering fat storage in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2016, 545-546, 127-136.	3.9	58
115	Endocrine and physiological effects of linuron and S-metolachlor in zebrafish developing embryos. <i>Science of the Total Environment</i> , 2017, 586, 390-400.	3.9	58
116	Evaluation of pharmaceutical toxic effects of non-standard endpoints on the macrophyte species <i>Lemna minor</i> and <i>Lemna gibba</i> . <i>Science of the Total Environment</i> , 2019, 657, 926-937.	3.9	58
117	Pesticide exposure and inducible antipredator responses in the zooplankton grazer, <i>Daphnia magna</i> Straus. <i>Chemosphere</i> , 2010, 78, 241-248.	4.2	57
118	Multi-biochemical responses of benthic macroinvertebrate species as a complementary tool to diagnose the cause of community impairment in polluted rivers. <i>Water Research</i> , 2011, 45, 3599-3613.	5.3	57
119	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. <i>Science of the Total Environment</i> , 2018, 622-623, 1532-1542.	3.9	57
120	Do genotype responses always converge from lethal to nonlethal toxicant exposure levels? Hypothesis tested using clones of <i>Daphnia magna</i> Straus. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2314-2322.	2.2	56
121	Identifying major pesticides affecting bivalve species exposed to agricultural pollution using multi-biomarker and multivariate methods. <i>Ecotoxicology</i> , 2010, 19, 1084-1094.	1.1	56
122	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. <i>Environmental Research</i> , 2019, 178, 108683.	3.7	56
123	An in situ bioassay for estuarine environments using the microalga <i>Phaeodactylum tricornutum</i> . <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 567-574.	2.2	55
124	Physiological and biochemical responses of the Polychaete <i>Diopatra neapolitana</i> to organic matter enrichment. <i>Aquatic Toxicology</i> , 2014, 155, 32-42.	1.9	55
125	Behavior of colloidal gold nanoparticles in different ionic strength media. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	55
126	ADaphnia magna First-Brood Chronic Test: An Alternative to the Conventional 21-Day Chronic Bioassay?. <i>Ecotoxicology and Environmental Safety</i> , 1999, 42, 67-74.	2.9	54

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127	Toxicity Assessment of Two Soils from Jales Mine (Portugal) Using Plants: Growth and Biochemical Parameters. Archives of Environmental Contamination and Toxicology, 2006, 50, 182-190.	2.1	54
128	Reproductive performance of wild boar females in Portugal. European Journal of Wildlife Research, 2011, 57, 363-371.	0.7	54
129	Toxicity of organic UV-filters to the aquatic midge Chironomus riparius. Ecotoxicology and Environmental Safety, 2017, 143, 210-216.	2.9	54
130	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. Journal of Hazardous Materials, 2018, 358, 484-493.	6.5	54
131	Embryo-toxic effects of environmental concentrations of chlorpyrifos on the crustacean Daphnia magna. Ecotoxicology and Environmental Safety, 2009, 72, 1714-1718.	2.9	53
132	Predicted No Effect Concentration (PNEC) for triclosan to terrestrial species (invertebrates and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	4.8	53
133	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete Diopatra neapolitana. Chemosphere, 2016, 146, 565-573.	4.2	53
134	Can salinity trigger cascade effects on streams? A mesocosm approach. Science of the Total Environment, 2016, 540, 3-10.	3.9	53
135	Toxicological effects of paracetamol on the clam Ruditapes philippinarum: exposure vs recovery. Aquatic Toxicology, 2017, 192, 198-206.	1.9	53
136	Toxicological effects of the rare earth element neodymium in Mytilus galloprovincialis. Chemosphere, 2020, 244, 125457.	4.2	53
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270	Fish consumption recommendations to conform to current advice in regard to mercury intake. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9595-9602.	2.7	33

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272	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in <i>Scrobicularia plana</i> . <i>Journal of Hazardous Materials</i> , 2017, 323, 220-232.	6.5	33
273	Exposure to Roundup® affects behaviour, head regeneration and reproduction of the freshwater planarian <i>Girardia tigrina</i> . <i>Science of the Total Environment</i> , 2019, 675, 453-461.	3.9	33
274	Evaluation of ketoprofen toxicity in two freshwater species: Effects on biochemical, physiological and population endpoints. <i>Environmental Pollution</i> , 2020, 265, 114993.	3.7	33
275	Acute effects of 3,4-dichloroaniline on blood of male wistar rats. <i>Chemosphere</i> , 1998, 37, 619-632.	4.2	32
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278	In situ assays with tropical cladocerans to evaluate edge-of-field pesticide runoff toxicity. <i>Chemosphere</i> , 2007, 67, 2250-2256.	4.2	32
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280	Ecotoxicological tools for the tropics: Sublethal assays with fish to evaluate edge-of-field pesticide runoff toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 893-899.	2.9	32
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283	Tracking global change using lichen diversity: towards a global-scale ecological indicator. <i>Methods in Ecology and Evolution</i> , 2017, 8, 788-798.	2.2	32
284	Zebrafish embryo tolerance to environmental stress factors – Concentration – dose response analysis of oxygen limitation, pH, and UV-light irradiation. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 682-690.	2.2	32
285	Antimicrofouling Efficacy of Innovative Inorganic Nanomaterials Loaded with Booster Biocides. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 6.	1.2	32
286	Two-generational effects of Benzophenone-3 on the aquatic midge <i>Chironomus riparius</i> . <i>Science of the Total Environment</i> , 2019, 669, 983-990.	3.9	32
287	Climate change policies and agendas: Facing implementation challenges and guiding responses. <i>Environmental Science and Policy</i> , 2020, 104, 190-198.	2.4	32
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290	Biochemical and physiological responses of two clam species to Triclosan combined with climate change scenario. <i>Science of the Total Environment</i> , 2020, 724, 138143.	3.9	32
291	Combined effects of salinity changes and salicylic acid exposure in <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020, 715, 136804.	3.9	32
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295	Prochloraz effects on biomarkers activity in zebrafish early life stages and adults. <i>Environmental Toxicology</i> , 2013, 28, 155-163.	2.1	31
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308	Biochemical changes in mussels submitted to different time periods of air exposure. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8903-8913.	2.7	30
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321	Endocrine disruption effects of p,p'-DDE on juvenile zebrafish. <i>Journal of Applied Toxicology</i> , 2015, 35, 253-260.	1.4	29
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323	Exposure to chlorantraniliprole affects the energy metabolism of the caddisfly <i>Sericostoma vittatum</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1584-1591.	2.2	29
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332	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms – An in vitro approach. <i>Marine Pollution Bulletin</i> , 2016, 106, 236-244.	2.3	28
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335	Influence of biochar particle size on biota responses. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 120-128.	2.9	28
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339	Protein differential expression induced by endocrine disrupting compounds in a terrestrial isopod. <i>Chemosphere</i> , 2010, 79, 570-576.	4.2	27
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362	Bioaccumulation and morphological traits in a multi-generation test with two <i>Daphnia</i> species exposed to lead. <i>Chemosphere</i> , 2019, 219, 636-644.	4.2	25
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364	Optimization of Culture Conditions of <i>Porcellio dilatatus</i> (Crustacea: Isopoda) for Laboratory Test Development. <i>Ecotoxicology and Environmental Safety</i> , 2000, 47, 285-291.	2.9	24
365	Acute and Chronic Toxicity of Dimethylsulfoxide to <i>Daphnia magna</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 1264-1268.	1.3	24
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374	Effects of triclosan on early development of <i>Solea senegalensis</i> : from biochemical to individual level. <i>Chemosphere</i> , 2019, 235, 885-899.	4.2	24
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377	Toxicity and bioaccumulation of phenanthrene in <i>Enchytraeus albidus</i> (Oligochaeta): Tj ETQq1 1 0.784314 r gBT /Overlock 10 T E 5	2.2	23
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381	Preliminary evaluation of <i>Diopatra neapolitana</i> regenerative capacity as a biomarker for paracetamol exposure. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13382-13392.	2.7	23
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393	Biochemical and metabolic effects of a short-term exposure to nanoparticles of titanium silicate in tadpoles of <i>Pelophylax perezii</i> (Seoane). <i>Aquatic Toxicology</i> , 2013, 128-129, 190-192.	1.9	22
394	Transcriptomic response of zebrafish embryos to polyaminoamine (PAMAM) dendrimers. <i>Nanotoxicology</i> , 2014, 8, 92-99.	1.6	22
395	Effects of cadmium and resource quality on freshwater detritus processing chains: a microcosm approach with two insect species. <i>Ecotoxicology</i> , 2014, 23, 830-839.	1.1	22
396	Spatial and temporal habitat use and selection by red deer: The use of direct and indirect methods. <i>Mammalian Biology</i> , 2014, 79, 338-348.	0.8	22

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398	Biochemical performance of native and introduced clam species living in sympatry: The role of elements accumulation and partitioning. <i>Marine Environmental Research</i> , 2015, 109, 81-94.	1.1	22
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