Demetrio Raldua

List of Publications by Year in Descending Order

311 papers	7,865 citations	50 h-index	69 g-index
326 ext. papers	9,174 ext. citations	6.4 avg, IF	6.32 L-index

#	Paper	IF	Citations
311	The influence of salinity on the toxicity of remediated seawater.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	
310	Responses of Ruditapes philippinarum to contamination by pharmaceutical drugs under ocean acidification scenario.. *Science of the Total Environment*, **2022**, 153591	10.2	1
309	Low concentrations of ciprofloxacin alone and in combination with paracetamol induce oxidative stress, upregulation of apoptotic-related genes, histological alterations in the liver, and genotoxicity in Danio rerio.. *Chemosphere*, **2022**, 294, 133667	8.4	1
308	Can the toxicity of polyethylene microplastics and engineered nanoclays on flatfish (Solea senegalensis) be influenced by the presence of each other?. *Science of the Total Environment*, **2022**, 804, 150188	10.2	2
307	Salinity-dependent impacts on the effects of antiepileptic and antihistaminic drugs in Ruditapes philippinarum. *Science of the Total Environment*, **2022**, 806, 150369	10.2	0
306	Microplastics in freshwater sediments: Effects on benthic invertebrate communities and ecosystem functioning assessed in artificial streams. *Science of the Total Environment*, **2022**, 804, 150118	10.2	6
305	Teratogenic effects induced by paracetamol, ciprofloxacin, and their mixture on Danio rerio embryos: Oxidative stress implications. *Science of the Total Environment*, **2022**, 806, 150541	10.2	4
304	Molecular mechanisms of zinc toxicity in the potworm Enchytraeus crypticus, analysed by high-throughput gene expression profiling.. *Science of the Total Environment*, **2022**, 825, 153975	10.2	1
303	Environmental levels of carbaryl impair zebrafish larvae behaviour: The potential role of ADRA2B and HTR2B.. *Journal of Hazardous Materials*, **2022**, 431, 128563	12.8	3
302	Effects of Carbamazepine in Bivalves: A Review. *Reviews of Environmental Contamination and Toxicology*, **2021**, 254, 163-181	3.5	
301	A Zebrafish Model of Neurotoxicity by Binge-Like Methamphetamine Exposure. *Frontiers in Pharmacology*, **2021**, 12, 770319	5.6	
300	How temperature can alter the combined effects of carbon nanotubes and caffeine in the clam Ruditapes decussatus?. *Environmental Research*, **2021**, 195, 110755	7.9	4
299	Susceptibility of Folsomia candida to Agrochemicals after Multigenerational Exposure to Human Pharmaceuticals. *Environmental Toxicology and Chemistry*, **2021**,	3.8	2
298	Meeting the Salinity Requirements of the Bivalve Mollusc Crassostrea gigas in the Depuration Process and Posterior Shelf-Life Period to Improve Food Safety and Product Quality. *Water (Switzerland)*, **2021**, 13, 1126	3	4
297	Differential Modulation of the Central and Peripheral Monoaminergic Neurochemicals by Deprenyl in Zebrafish Larvae. *Toxics*, **2021**, 9,	4.7	2
296	Effects of exposure to the UV-filter 4-MBC during Solea senegalensis metamorphosis. *Environmental Science and Pollution Research*, **2021**, 28, 51440-51452	5.1	1
295	Effects of temperature on caffeine and carbon nanotubes co-exposure in Ruditapes philippinarum. *Chemosphere*, **2021**, 271, 129775	8.4	7

294	Pharmacological Modulation of Serotonin Levels in Zebrafish Larvae: Lessons for Identifying Environmental Neurotoxicants Targeting the Serotonergic System. *Toxics*, **2021**, 9,	4.7	3
293	Androgenic activation, impairment of the monoaminergic system and altered behavior in zebrafish larvae exposed to environmental concentrations of fenitrothion. *Science of the Total Environment*, **2021**, 775, 145671	10.2	23
292	Immune response triggered by the ingestion of polyethylene microplastics in the dipteran larvae Chironomus riparius. *Journal of Hazardous Materials*, **2021**, 414, 125401	12.8	11
291	Glyphosate targets fish monoaminergic systems leading to oxidative stress and anxiety. *Environment International*, **2021**, 146, 106253	12.9	15
290	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. *Aquatic Toxicology*, **2021**, 230, 105673	5.1	15
289	Effects of ultraviolet radiation to Solea senegalensis during early development. *Science of the Total Environment*, **2021**, 764, 142899	10.2	2
288	Are Microplastics Impairing Marine Fish Larviculture?Preliminary Results with Argyrosomus regius. *Water (Switzerland)*, **2021**, 13, 104	3	8
287	Acetylcholinesterase (AChE) Activity in Embryos of Zebrafish. *Methods in Molecular Biology*, **2021**, 2240, 119-124	1.4	2
286	Linking range wide energetic tradeoffs to breeding performance in a long-distance migrant. *Ecography*, **2021**, 44, 512-524	6.5	2
285	Embryotoxicity of silver nanomaterials (Ag NM300k) in the soil invertebrate Enchytraeus crypticus - Functional assay detects Ca channels shutdown.. *NanoImpact*, **2021**, 21, 100300	5.6	1
284	Cadmium Accumulation and Kinetics in Solea senegalensis Tissues under Dietary and Water Exposure and the Link to Human Health. *Water (Switzerland)*, **2021**, 13, 522	3	7
283	How Does Mytilus galloprovincialis Respond When Exposed to the Gametophyte Phase of the Invasive Red Macroalga Asparagopsis armata Exudate?. *Water (Switzerland)*, **2021**, 13, 460	3	3
282	Organic solvents alter photophysiological and oxidative stress profiles of the coral Zoanthus sp. - Towards an optimization of ecotoxicological protocols. *Science of the Total Environment*, **2021**, 777, 146072	10.2	1
281	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	10.2	2
280	Mercury Accumulation and Elimination in Different Tissues of Zebrafish (Danio rerio) Exposed to a Mercury-Supplemented Diet. *Journal of Marine Science and Engineering*, **2021**, 9, 882	2.4	1
279	Pharmacological Modulation of Behaviour, Serotonin and Dopamine Levels in Exposed to the Monoamine Oxidase Inhibitor Deprenyl. *Toxics*, **2021**, 9,	4.7	1
278	How efficient is graphene-based nanocomposite to adsorb Hg from seawater. A laboratory assay to assess the toxicological impacts induced by remediated water towards marine bivalves. *Chemosphere*, **2021**, 277, 130160	8.4	1
277	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. *Environmental Toxicology and Pharmacology*, **2021**, 86, 103661	5.8	10

276	Differential accumulation of PAHs within planarian cephalic and posterior body parts. *Ecotoxicology* , **2021**, 30, 2132-2135	2.9	
275	Pharmacological modulation of fish-induced depth selection in D. magna: the role of cholinergic and GABAergic signalling. *Scientific Reports*, **2021**, 11, 19407	4.9	2
274	Gut and faecal bacterial community of the terrestrial isopod Porcellionides pruinosus: potential use for monitoring exposure scenarios. *Ecotoxicology*, **2021**, 30, 2096-2108	2.9	0
273	Terrestrial organisms react differently to nano and non-nano Cu(OH) forms. *Science of the Total Environment*, **2021**, 807, 150679	10.2	1
272	The influence of salinity on sodium lauryl sulfate toxicity in Mytilus galloprovincialis. *Environmental Toxicology and Pharmacology*, **2021**, 87, 103715	5.8	2
271	Planarian behavioural endpoints in ecotoxicology: A case study evaluating mercury and salinity effects. *Environmental Toxicology and Pharmacology*, **2021**, 88, 103747	5.8	0
270	Effects of the antineoplastic drug cyclophosphamide on the biochemical responses of the mussel Mytilus galloprovincialis under different temperatures. *Environmental Pollution*, **2021**, 288, 117735	9.3	0
269	Effects of nanostructure antifouling biocides towards a coral species in the context of global changes. *Science of the Total Environment*, **2021**, 799, 149324	10.2	0
268	Proteome Responses to Spinosad Exposure. *Toxics*, **2020**, 8,	4.7	1
267	Effects of abamectin-based and difenoconazole-based formulations and their mixtures in Daphnia magna: a multiple endpoint approach. *Ecotoxicology*, **2020**, 29, 1486-1499	2.9	10
266	Chronic effects of wastewater-borne silver and titanium dioxide nanoparticles on the rainbow trout (Oncorhynchus mykiss). *Science of the Total Environment*, **2020**, 723, 137974	10.2	18
265	Assessing the acute and chronic toxicity of exposure to naturally occurring oil sands deposits to aquatic organisms using Daphnia magna. *Science of the Total Environment*, **2020**, 729, 138805	10.2	4
264	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. *Science of the Total Environment*, **2020**, 742, 140565	10.2	188
263	A high-throughput assay for screening environmental pollutants and drugs impairing predator avoidance in Daphnia magna. *Science of the Total Environment*, **2020**, 740, 140045	10.2	10
262	Biochar in soil mitigates dimethoate hazard to soil pore water exposed biota. *Journal of Hazardous Materials*, **2020**, 400, 123304	12.8	7
261	Ecotoxicological effects of the azole antifungal agent clotrimazole on the macrophyte species Lemna minor and Lemna gibba. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 237, 108835	3.2	4
260	MCR-ALS analysis of H NMR spectra by segments to study the zebrafish exposure to acrylamide. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 5695-5706	4.4	3
259	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. *Environmental Research*, **2020**, 185, 109316	7.9	25

258	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	2.6	17
257	Lethal and sub-lethal effects of nanosized titanium dioxide particles on Hydropsyche exocellata Dufour, 1841. *Aquatic Insects*, **2020**, 41, 85-103	0.5	1
256	Effects of the organic UV-filter, 3-(4-methylbenzylidene) camphor, on benthic invertebrates and ecosystem function in artificial streams. *Environmental Pollution*, **2020**, 260, 113981	9.3	4
255	Impact of wastewater-borne nanoparticles of silver and titanium dioxide on the swimming behaviour and biochemical markers of Daphnia magna: An integrated approach. *Aquatic Toxicology*, **2020**, 220, 105404	5.1	16
254	Screening anti-predator behaviour in fish larvae exposed to environmental pollutants. *Science of the Total Environment*, **2020**, 714, 136759	10.2	15
253	Targeting redox metabolism: the perfect storm induced by acrylamide poisoning in the brain. *Scientific Reports*, **2020**, 10, 312	4.9	9
252	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. *Environmental Pollution*, **2020**, 263, 114442	9.3	35
251	Impacts of the Invasive Seaweed Exudate on Energetic Metabolism of Rock Pool Invertebrates. *Toxins*, **2020**, 13,	4.9	4
250	The impact of a hydroelectric dam on Neotropical fish communities: A spatio-temporal analysis of the Trophic Upsurge Hypothesis. *Ecology of Freshwater Fish*, **2020**, 29, 384-397	2.1	10
249	Bacterially assembled biopolyester nanobeads for removing cadmium from water. *Water Research*, **2020**, 186, 116357	12.5	4
248	Mercury Uptake Affects the Development of Larus fuscus Chicks. *Environmental Toxicology and Chemistry*, **2020**, 39, 2008-2017	3.8	4
247	Characterization of monoaminergic neurochemicals in the different brain regions of adult zebrafish. *Science of the Total Environment*, **2020**, 745, 141205	10.2	8
246	Impacts of UV Filters in Mytilus galloprovincialis: Preliminary Data on the Acute Effects Induced by Environmentally Relevant Concentrations. *Sustainability*, **2020**, 12, 6852	3.6	3
245	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. *Water (Switzerland)*, **2020**, 12, 2148	3	7
244	The anurofauna of a vanishing savanna: the case of the Brazilian Cerrado. *Biodiversity and Conservation*, **2020**, 29, 1993-2015	3.4	4
243	Effects of pH and nitrites on the toxicity of a cypermetrin-based pesticide to shrimps. *Chemosphere*, **2020**, 241, 125089	8.4	1
242	Multiorgan histopathological changes in the juvenile seabream Sparus aurata as a biomarker for zinc oxide particles toxicity. *Environmental Science and Pollution Research*, **2020**, 27, 30907-30917	5.1	8
241	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. *Environmental Research*, **2019**, 178, 108683	7.9	32

240	Assessment of fipronil toxicity to the freshwater midge Chironomus riparius: Molecular, biochemical, and organismal responses. *Aquatic Toxicology*, **2019**, 216, 105292	5.1	12
239	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. *Ecotoxicology and Environmental Safety*, **2019**, 184, 109632	7	40
238	The impacts of warming on the toxicity of carbon nanotubes in mussels. *Marine Environmental Research*, **2019**, 145, 11-21	3.3	16
237	Multi-omic analysis of zebrafish models of acute organophosphorus poisoning with different severity. *Toxicological Sciences*, **2019**,	4.4	2
236	Unravelling the molecular mechanisms of nickel in woodlice. *Environmental Research*, **2019**, 176, 108507	7.9	1
235	Further characterization of the zebrafish model of acrylamide acute neurotoxicity: gait abnormalities and oxidative stress. *Scientific Reports*, **2019**, 9, 7075	4.9	12
234	Impacts of ocean acidification on carboxylated carbon nanotube effects induced in the clam species Ruditapes philippinarum. *Environmental Science and Pollution Research*, **2019**, 26, 20742-20752	5.1	8
233	Effects of long-term exposure to colloidal gold nanorods on freshwater microalgae. *Science of the Total Environment*, **2019**, 682, 70-79	10.2	3
232	Long-term exposure of Daphnia magna to carbendazim: how it affects toxicity to another chemical or mixture. *Environmental Science and Pollution Research*, **2019**, 26, 16289-16302	5.1	8
231	Unravelling the mechanisms of PFOS toxicity by combining morphological and transcriptomic analyses in zebrafish embryos. *Science of the Total Environment*, **2019**, 674, 462-471	10.2	23
230	Mercury accumulation from food decreases collembolans' growth. *Science of the Total Environment*, **2019**, 668, 25-31	10.2	8
229	The influence of Climate Change on the fate and behavior of different carbon nanotubes materials and implication to estuarine invertebrates. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 219, 103-115	3.2	1
228	Deciphering the mode of action of pollutants impairing the fish larvae escape response with the vibrational startle response assay. *Science of the Total Environment*, **2019**, 672, 121-128	10.2	14
227	Combined effects of NaCl and fluoxetine on the freshwater planarian, Schmidtea mediterranea (Platyhelminthes: Dugesiidae). *Environmental Science and Pollution Research*, **2019**, 26, 11326-11335	5.1	10
226	Are the effects induced by increased temperature enhanced in Mytilus galloprovincialis submitted to air exposure?. *Science of the Total Environment*, **2019**, 647, 431-440	10.2	22
225	Linking cholinesterase inhibition with behavioural changes in the sea snail Gibbula umbilicalis: Effects of the organophosphate pesticide chlorpyrifos. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 225, 108570	3.2	8
224	Life history and behavior effects of synthetic and natural dyes on Daphnia magna. *Chemosphere*, **2019**, 236, 124390	8.4	20
223	Therapeutic potential of N-acetylcysteine in acrylamide acute neurotoxicity in adult zebrafish. *Scientific Reports*, **2019**, 9, 16467	4.9	5

222	Recently-adopted foraging strategies constrain early chick development in a coastal breeding gull. *PeerJ*, **2019**, 7, e7250	3.1	12
221	The influence of simulated global ocean acidification on the toxic effects of carbon nanoparticles on polychaetes. *Science of the Total Environment*, **2019**, 666, 1178-1187	10.2	10
220	Toxicity of the insecticides spinosad and indoxacarb to the non-target aquatic midge Chironomus riparius. *Science of the Total Environment*, **2019**, 666, 1283-1291	10.2	26
219	Effects of PCB-77 in adult zebrafish after exposure during early life stages. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2019**, 54, 478-483	2.3	4
218	Using a new high-throughput video-tracking platform to assess behavioural changes in Daphnia magna exposed to neuro-active drugs. *Science of the Total Environment*, **2019**, 662, 160-167	10.2	22
217	Time and energy costs of different foraging choices in an avian generalist species. *Movement Ecology*, **2019**, 7, 41	4.6	7
216	Ethnozoological knowledge of traditional fishing villages about the anadromous sea lamprey (Petromyzon marinus) in the Minho river, Portugal. *Journal of Ethnobiology and Ethnomedicine*, **2019**, 15, 71	3.9	11
215	Development of a vibrational startle response assay for screening environmental pollutants and drugs impairing predator avoidance. *Science of the Total Environment*, **2019**, 650, 87-96	10.2	18
214	Factors influencing the introduction and spread of Harmonia axyridis in the Iberian Peninsula. *Biological Invasions*, **2019**, 21, 323-331	2.7	5
213	The role of humic acids on gemfibrozil toxicity to zebrafish embryos. *Chemosphere*, **2019**, 220, 556-564	8.4	9
212	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm Ficopomatus enigmaticus (Fauvel, 1923). *Marine Environmental Research*, **2019**, 143, 1-9	3.3	11
211	Toxicity effects of the organic UV-filter 4-Methylbenzylidene camphor in zebrafish embryos. *Chemosphere*, **2019**, 218, 273-281	8.4	22
210	Effects of low concentrations of psychiatric drugs (carbamazepine and fluoxetine) on the freshwater planarian, Schmidtea mediterranea. *Chemosphere*, **2019**, 217, 542-549	8.4	21
209	Assessment of tissue-specific multifactor effects in environmental -omics studies of heterogeneous biological samples: Combining hyperspectral image information and chemometrics. *Talanta*, **2019**, 194, 390-398	6.2	9
208	Multigenerational effects of carbendazim in Daphnia magna: From a subcellular to a population level. *Environmental Toxicology and Chemistry*, **2019**, 38, 412-422	3.8	8
207	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of R. philippinarum. *Aquatic Toxicology*, **2018**, 198, 10-19	5.1	26
206	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam Ruditapes philippinarum. *Environmental Pollution*, **2018**, 235, 857-868	9.3	30
205	Effects of multi-walled carbon nanotube materials on Ruditapes philippinarum under climate change: The case of salinity shifts. *Aquatic Toxicology*, **2018**, 199, 199-211	5.1	22

204	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in Daphnia magna. *Scientific Reports*, **2018**, 8, 1518	4.9	19
203	Toxicokinetics of cadmium in Palaemon varians postlarvae under waterborne and/or dietary exposure. *Environmental Toxicology and Chemistry*, **2018**, 37, 1614-1622	3.8	5
202	Effects of Camellia sinensis crude saponin on survival and biochemical markers of oxidative stress and multixenobiotic resistance of the Mediterranean mussel, Mytilus galloprovincialis. *Science of the Total Environment*, **2018**, 625, 1467-1475	10.2	7
201	Combined effects of insecticide exposure and predation risk on freshwater detritivores. *Ecotoxicology*, **2018**, 27, 794-802	2.9	6
200	Joint effects of chlorpyrifos and mancozeb on the terrestrial isopod Porcellionides pruinosus: A multiple biomarker approach. *Environmental Toxicology and Chemistry*, **2018**, 37, 1446-1457	3.8	1
199	Toxicity of dyes to zebrafish at the biochemical level: Cellular energy allocation and neurotoxicity. *Environmental Pollution*, **2018**, 235, 255-262	9.3	56
198	Comprehensive characterization of neurochemicals in three zebrafish chemical models of human acute organophosphorus poisoning using liquid chromatography-tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 1735-1748	4.4	21
197	Analysis of the neurotoxic effects of neuropathic organophosphorus compounds in adult zebrafish. *Scientific Reports*, **2018**, 8, 4844	4.9	10
196	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. *Science of the Total Environment*, **2018**, 622-623, 1532-1542	10.2	46
195	Are the impacts of carbon nanotubes enhanced in Mytilus galloprovincialis submitted to air exposure?. *Aquatic Toxicology*, **2018**, 202, 163-172	5.1	12
194	Red disperse dyes (DR 60, DR 73 and DR 78) at environmentally realistic concentrations impact biochemical profile of early life stages of zebrafish (Danio rerio). *Chemico-Biological Interactions*, **2018**, 292, 94-100	5	16
193	Metabolomic changes induced by nicotine in adult zebrafish skeletal muscle. *Ecotoxicology and Environmental Safety*, **2018**, 164, 388-397	7	8
192	Role of surfactant headgroups on the toxicity of SLES-LAS mixed micelles: A case study using microtox test. *Science of the Total Environment*, **2018**, 643, 1366-1372	10.2	11
191	High-throughput gene expression in soil invertebrate embryos - Mechanisms of Cd toxicity in Enchytraeus crypticus. *Chemosphere*, **2018**, 212, 87-94	8.4	12
190	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. *Journal of Hazardous Materials*, **2018**, 358, 484-493	12.8	38
189	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. *Scientific Reports*, **2018**, 8, 8571	4.9	11
188	Omics in Zebrafish Teratogenesis. *Methods in Molecular Biology*, **2018**, 1797, 421-441	1.4	3
187	Comparative sensitivity of Crassostrea angulata and Crassostrea gigas embryo-larval development to As under varying salinity and temperature. *Marine Environmental Research*, **2018**, 140, 135-144	3.3	9

186	Effects of the herbicides linuron and S-metolachlor on Perez's frog embryos. *Chemosphere*, **2018**, 194, 595-601	8.4	14
185	Metals and As content in sediments and Manila clam Ruditapes philippinarum in the Tagus estuary (Portugal): Impacts and risk for human consumption. *Marine Pollution Bulletin*, **2018**, 126, 281-292	6.7	16
184	Combining hyperspectral imaging and chemometrics to assess and interpret the effects of environmental stressors on zebrafish eye images at tissue level. *Journal of Biophotonics*, **2018**, 11, e201700089	3.1	7
183	Silver (nano)materials cause genotoxicity in Enchytraeus crypticus, as determined by the comet assay. *Environmental Toxicology and Chemistry*, **2018**, 37, 184-191	3.8	15
182	Functional Data Analysis: Omics for Environmental Risk Assessment. *Comprehensive Analytical Chemistry*, **2018**, 583-611	1.9	2
181	Antimacrofouling Efficacy of Innovative Inorganic Nanomaterials Loaded with Booster Biocides. *Journal of Marine Science and Engineering*, **2018**, 6, 6	2.4	20
180	Fate and Effect of Nano Tungsten Carbide Cobalt (WCCo) in the Soil Environment: Observing a Nanoparticle Specific Toxicity in Enchytraeus crypticus. *Environmental Science & Technology*, **2018**, 52, 11394-11401	10.3	15
179	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. *Environmental Pollution*, **2018**, 243, 988-997	9.3	21
178	Does the exposure to salinity variations and water dispersible carbon nanotubes induce oxidative stress in Hediste diversicolor?. *Marine Environmental Research*, **2018**, 141, 186-195	3.3	6
177	Acrylamide acute neurotoxicity in adult zebrafish. *Scientific Reports*, **2018**, 8, 7918	4.9	36
176	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in Scrobicularia plana. *Journal of Hazardous Materials*, **2017**, 323, 220-232	12.8	27
175	'Blue Carbon' and Nutrient Stocks of Salt Marshes at a Temperate Coastal Lagoon (Ria de Aveiro, Portugal). *Scientific Reports*, **2017**, 7, 41225	4.9	24
174	Enchytraeus crypticus fitness: effect of density on a two-generation study. *Ecotoxicology*, **2017**, 26, 570-575	2.9	7
173	Effects of a novel anticorrosion engineered nanomaterial on the bivalve Ruditapes philippinarum. *Environmental Science: Nano*, **2017**, 4, 1064-1076	7.1	14
172	Fatty acid profile of the sea snail Gibbula umbilicalis as a biomarker for coastal metal pollution. *Science of the Total Environment*, **2017**, 586, 542-550	10.2	37
171	Population genetic structure and hybridization patterns in the cryptic sister species Chironomus riparius and Chironomus piger across differentially polluted freshwater systems. *Ecotoxicology and Environmental Safety*, **2017**, 141, 280-289	7	4
170	Validation of a two-generational reproduction test in Daphnia magna: An interlaboratory exercise. *Science of the Total Environment*, **2017**, 579, 1073-1083	10.2	18
169	Mercury levels in parturient and newborns from Aveiro region, Portugal. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 697-709	3.2	9

168	Ecotoxicity of the antihistaminic drug cetirizine to Ruditapes philippinarum clams. *Science of the Total Environment*, **2017**, 601-602, 793-801	10.2	19
167	Biochemical impacts of Hg in Mytilus galloprovincialis under present and predicted warming scenarios. *Science of the Total Environment*, **2017**, 601-602, 1129-1138	10.2	59
166	Effects of sediment contamination on physiological and biochemical responses of the polychaete Diopatra neapolitana, an exploited natural resource. *Marine Pollution Bulletin*, **2017**, 119, 119-131	6.7	11
165	Efficacy and Ecotoxicity of Novel Anti-Fouling Nanomaterials in Target and Non-Target Marine Species. *Marine Biotechnology*, **2017**, 19, 164-174	3.4	26
164	Toxic effects of the antihistamine cetirizine in mussel Mytilus galloprovincialis. *Water Research*, **2017**, 114, 316-326	12.5	43
163	Effects of 4-MBC and triclosan in embryos of the frog Pelophylax perezi. *Chemosphere*, **2017**, 178, 325-332	8.4	32
162	Physiological and biochemical alterations induced in the mussel Mytilus galloprovincialis after short and long-term exposure to carbamazepine. *Water Research*, **2017**, 117, 102-114	12.5	63
161	Toxicological and behavioral responses as a tool to assess the effects of natural and synthetic dyes on zebrafish early life. *Chemosphere*, **2017**, 178, 282-290	8.4	34
160	The comet assay in Folsomia candida: A suitable approach to assess genotoxicity in collembolans. *Environmental Toxicology and Chemistry*, **2017**, 36, 2514-2520	3.8	8
159	Basagran induces developmental malformations and changes the bacterial community of zebrafish embryos. *Environmental Pollution*, **2017**, 221, 52-63	9.3	12
158	Toxicity associated to uptake and depuration of carbamazepine in the clam Scrobicularia plana under a chronic exposure. *Science of the Total Environment*, **2017**, 580, 1129-1145	10.2	19
157	Modelling acrylamide acute neurotoxicity in zebrafish larvae. *Scientific Reports*, **2017**, 7, 13952	4.9	23
156	Toxicological effects of paracetamol on the clam Ruditapes philippinarum: exposure vs recovery. *Aquatic Toxicology*, **2017**, 192, 198-206	5.1	44
155	Biochemical approaches to assess oxidative stress induced by exposure to natural and synthetic dyes in early life stages in zebrafish. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 1259-1268	3.2	15
154	Influence of environmental conditions on the toxicokinetics of cadmium in the marine copepod Acartia tonsa. *Ecotoxicology and Environmental Safety*, **2017**, 145, 142-149	7	17
153	Offspring Hg exposure relates to parental feeding strategies in a generalist bird with strong individual foraging specialization. *Science of the Total Environment*, **2017**, 601-602, 1315-1323	10.2	10
152	Analysis of neurobehavioural data by chemometric methods in ecotoxicological studies. *Ecotoxicology and Environmental Safety*, **2017**, 145, 583-590	7	6
151	Synergy effects of fluoxetine and variability in temperature lead to proportionally greater fitness costs in Daphnia: A multigenerational test. *Aquatic Toxicology*, **2017**, 193, 268-275	5.1	16

150	The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. *Environmental Science: Nano*, **2017**, 4, 1692-1704	7.1	25
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