

# Demetrio Raldua

## List of Publications by Citations

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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.

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	Occurrence and bioavailability of polybrominated diphenyl ethers and hexabromocyclododecane in sediment and fish from the Cinca River, a tributary of the Ebro River (Spain). <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 2603-8	10.3	199
310	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> , <b>2020</b> , 742, 140565	10.2	188
309	First evidence of endocrine disruption in feral carp from the Ebro River. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 196, 247-57	4.6	147
308	Integrated procedure for determination of endocrine-disrupting activity in surface waters and sediments by use of the biological technique recombinant yeast assay and chemical analysis by LC-ESI-MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 378, 697-708	4.4	141
307	Distribution of endocrine disruptors in the Llobregat River basin (Catalonia, NE Spain). <i>Chemosphere</i> , <b>2005</b> , 61, 1710-9	8.4	122
306	Pilot survey of a broad range of priority pollutants in sediment and fish from the Ebro river basin (NE Spain). <i>Environmental Pollution</i> , <b>2006</b> , 140, 471-82	9.3	120
305	The combined use of chemical and biochemical markers to assess water quality along the Ebro River. <i>Environmental Pollution</i> , <b>2006</b> , 139, 330-9	9.3	118
304	Presence of the pharmaceutical drug carbamazepine in coastal systems: effects on bivalves. <i>Aquatic Toxicology</i> , <b>2014</b> , 156, 74-87	5.1	117
303	Zebrafish models of human motor neuron diseases: advantages and limitations. <i>Progress in Neurobiology</i> , <b>2014</b> , 118, 36-58	10.9	112
302	Marine fish egg hydration is aquaporin-mediated. <i>Science</i> , <b>2005</b> , 307, 545	33.3	112
301	H/dipeptide absorption across the human intestinal epithelium is controlled indirectly via a functional Na/H exchanger. <i>Gastroenterology</i> , <b>2002</b> , 122, 1322-33	13.3	95
300	Combined use of biomarkers and in situ bioassays in <i>Daphnia magna</i> to monitor environmental hazards of pesticides in the field. <i>Environmental Toxicology and Chemistry</i> , <b>2007</b> , 26, 370-9	3.8	93
299	Clofibrate and gemfibrozil induce an embryonic malabsorption syndrome in zebrafish. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 228, 301-14	4.6	91
298	Analysis of 17 polar to semi-polar pesticides in the Ebro river delta during the main growing season of rice by automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , <b>2008</b> , 75, 390-401	6.2	90
297	Use, fate and ecological risks of antibiotics applied in tilapia cage farming in Thailand. <i>Environmental Pollution</i> , <b>2014</b> , 191, 8-16	9.3	89
296	Role of thyroid hormone in regulation of renal phosphate transport in young and aged rats. <i>Endocrinology</i> , <b>1999</b> , 140, 1544-51	4.8	80
295	Yolk proteolysis and aquaporin-1o play essential roles to regulate fish oocyte hydration during meiosis resumption. <i>Developmental Biology</i> , <b>2006</b> , 295, 250-62	3.1	78

294	Decabrominated diphenyl ether in river fish and sediment samples collected downstream an industrial park. <i>Chemosphere</i> , <b>2007</b> , 69, 1278-86	8.4	75
293	Zebrafish eleutheroembryos provide a suitable vertebrate model for screening chemicals that impair thyroid hormone synthesis. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 7525-32	10.3	73
292	Derivation of major yolk proteins from parental vitellogenins and alternative processing during oocyte maturation in <i>Fundulus heteroclitus</i> . <i>Biology of Reproduction</i> , <b>2005</b> , 73, 815-24	3.9	72
291	The relative importance of water and food as cadmium sources to <i>Daphnia magna</i> Straus. <i>Aquatic Toxicology</i> , <b>2002</b> , 61, 143-54	5.1	69
290	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> , <b>2016</b> , 541, 977-985	10.2	68
289	Obesogens beyond Vertebrates: Lipid Perturbation by Tributyltin in the Crustacean <i>Daphnia magna</i> . <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 813-9	8.4	68
288	Detection and evaluation of endocrine-disruption activity in water samples from Portuguese rivers. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 389-95	3.8	68
287	Mechanisms of response to silver nanoparticles on <i>Enchytraeus albidus</i> (Oligochaeta): survival, reproduction and gene expression profile. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 254-255, 336-344	12.8	67
286	Brominated flame retardants in <i>Alburnus alburnus</i> from Cinca River Basin (Spain). <i>Environmental Pollution</i> , <b>2005</b> , 133, 501-8	9.3	67
285	Carbendazim exposure induces developmental, biochemical and behavioural disturbance in zebrafish embryos. <i>Aquatic Toxicology</i> , <b>2016</b> , 170, 390-399	5.1	65
284	Physiological and biochemical alterations induced in the mussel <i>Mytilus galloprovincialis</i> after short and long-term exposure to carbamazepine. <i>Water Research</i> , <b>2017</b> , 117, 102-114	12.5	63
283	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , <b>2015</b> , 85, 137-47	12.5	63
282	Combined use of <i>Daphnia magna</i> 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). <i>Aquatic Toxicology</i> , <b>2008</b> , 87, 310-20	5.1	63
281	Feminization of wild carp, <i>Cyprinus carpio</i> , in a polluted environment: plasma steroid hormones, gonadal morphology and xenobiotic metabolizing system. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2003</b> , 136, 145-56	3.2	61
280	Physiological responses to mercury in feral carp populations inhabiting the low Ebro River (NE Spain), a historically contaminated site. <i>Aquatic Toxicology</i> , <b>2009</b> , 93, 150-7	5.1	60
279	Biochemical impacts of Hg in <i>Mytilus galloprovincialis</i> under present and predicted warming scenarios. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 1129-1138	10.2	59
278	Caffeine impacts in the clam <i>Ruditapes philippinarum</i> : Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. <i>Chemosphere</i> , <b>2016</b> , 160, 95-103	8.4	59
277	Oxidative stress effects of titanium dioxide nanoparticle aggregates in zebrafish embryos. <i>Science of the Total Environment</i> , <b>2014</b> , 470-471, 379-89	10.2	59

276	Simple, rapid zebrafish larva bioassay for assessing the potential of chemical pollutants and drugs to disrupt thyroid gland function. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6844-50	10.3	58
275	In vivo zebrafish assays for analyzing drug toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2014</b> , 10, 685-97	5.5	57
274	Mercury levels and liver pathology in feral fish living in the vicinity of a mercury cell chlor-alkali factory. <i>Chemosphere</i> , <b>2007</b> , 66, 1217-25	8.4	57
273	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> , <b>2015</b> , 502, 91-102	10.2	56
272	Toxicity of dyes to zebrafish at the biochemical level: Cellular energy allocation and neurotoxicity. <i>Environmental Pollution</i> , <b>2018</b> , 235, 255-262	9.3	56
271	The effects of arsenic and seawater acidification on antioxidant and biomineralization responses in two closely related <i>Crassostrea</i> species. <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 569-81	10.2	54
270	Bioaccumulation of silver in <i>Daphnia magna</i> : Waterborne and dietary exposure to nanoparticles and dissolved silver. <i>Science of the Total Environment</i> , <b>2017</b> , 574, 1633-1639	10.2	54
269	Chronic toxicity of the antiepileptic carbamazepine on the clam <i>Ruditapes philippinarum</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2015</b> , 172-173, 26-35	3.2	52
268	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> , <b>2011</b> , 45, 3599-613	12.5	52
267	Identifying major pesticides affecting bivalve species exposed to agricultural pollution using multi-biomarker and multivariate methods. <i>Ecotoxicology</i> , <b>2010</b> , 19, 1084-94	2.9	52
266	Evaluating the interactions of vertebrate receptors with persistent pollutants and antifouling pesticides using recombinant yeast assays. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 385, 1012-9	4.4	52
265	The combined use of chemical and biochemical markers to assess water quality in two low-stream rivers (NE Spain). <i>Environmental Research</i> , <b>2002</b> , 90, 169-78	7.9	51
264	Ecotoxicity and genotoxicity of cadmium in different marine trophic levels. <i>Environmental Pollution</i> , <b>2016</b> , 215, 203-212	9.3	51
263	Ecotoxicity and genotoxicity of a binary combination of triclosan and carbendazim to <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 115, 279-90	7	50
262	Environmental monitoring by gene expression biomarkers in <i>Barbus graellsii</i> : laboratory and field studies. <i>Chemosphere</i> , <b>2007</b> , 67, 1144-54	8.4	50
261	Zebrafish Models for Human Acute Organophosphorus Poisoning. <i>Scientific Reports</i> , <b>2015</b> , 5, 15591	4.9	49
260	Structural and functional divergence of two fish aquaporin-1 water channels following teleost-specific gene duplication. <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 259	3	48
259	Predicted no effect concentration (PNEC) for triclosan to terrestrial species (invertebrates and plants). <i>Environment International</i> , <b>2010</b> , 36, 338-343	12.9	47

258	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. <i>Science of the Total Environment</i> , <b>2018</b> , 622-623, 1532-1542	10.2	46
257	Compounds altering fat storage in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 127-1362	3.62	45
256	Use of vitellogenin mRNA as a biomarker for endocrine disruption in feral and cultured fish. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 378, 670-5	4.4	45
255	Toxicological effects of paracetamol on the clam <i>Ruditapes philippinarum</i> : exposure vs recovery. <i>Aquatic Toxicology</i> , <b>2017</b> , 192, 198-206	5.1	44
254	Biochemical effects of the pharmaceutical drug paracetamol on <i>Anguilla anguilla</i> . <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 11574-84	5.1	44
253	Use of chemometric and geostatistical methods to evaluate pesticide pollution in the irrigation and drainage channels of the Ebro river delta during the rice-growing season. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1479-88	4.4	44
252	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , <b>2017</b> , 114, 316-326	12.5	43
251	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Chemosphere</i> , <b>2016</b> , 146, 565-73	8.4	43
250	How life history influences the responses of the clam <i>Scrobicularia plana</i> to the combined impacts of carbamazepine and pH decrease. <i>Environmental Pollution</i> , <b>2015</b> , 202, 205-14	9.3	42
249	Reproductive performance of wild boar females in Portugal. <i>European Journal of Wildlife Research</i> , <b>2011</b> , 57, 363-371	2	41
248	Differential localization and regulation of two aquaporin-1 homologs in the intestinal epithelia of the marine teleost <i>Sparus aurata</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2008</b> , 294, R993-1003	3.2	41
247	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 184, 109632	7	40
246	Behavior of colloidal gold nanoparticles in different ionic strength media. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	40
245	Effects of BDE-209 contaminated sediments on zebrafish development and potential implications to human health. <i>Environment International</i> , <b>2014</b> , 63, 216-23	12.9	40
244	Evaluation of side-effects of glyphosate mediated control of giant reed ( <i>Arundo donax</i> ) on the structure and function of a nearby Mediterranean river ecosystem. <i>Environmental Research</i> , <b>2010</b> , 110, 556-64	7.9	39
243	Effects of soil and dietary exposures to Ag nanoparticles and AgNO <sub>3</sub> in the terrestrial isopod <i>Porcellionides pruinosus</i> . <i>Environmental Pollution</i> , <b>2015</b> , 205, 170-7	9.3	38
242	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 358, 484-493	12.8	38
241	Fatty acid profile of the sea snail <i>Gibbula umbilicalis</i> as a biomarker for coastal metal pollution. <i>Science of the Total Environment</i> , <b>2017</b> , 586, 542-550	10.2	37

240	Life-history consequences of adaptation to pollution. "Daphnia longispina clones historically exposed to copper". <i>Ecotoxicology</i> , <b>2011</b> , 20, 552-62	2.9	37
239	Acrylamide acute neurotoxicity in adult zebrafish. <i>Scientific Reports</i> , <b>2018</b> , 8, 7918	4.9	36
238	The rise and fall of fish diversity in a neotropical river after impoundment. <i>Hydrobiologia</i> , <b>2016</b> , 763, 207-221	2.1	35
237	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. <i>Environmental Pollution</i> , <b>2020</b> , 263, 114442	9.3	35
236	Physiological and molecular basis of fish oocyte hydration <b>2007</b> , 349-396		35
235	Salinity influences the biochemical response of <i>Crassostrea angulata</i> to Arsenic. <i>Environmental Pollution</i> , <b>2016</b> , 214, 756-766	9.3	35
234	Toxicological and behavioral responses as a tool to assess the effects of natural and synthetic dyes on zebrafish early life. <i>Chemosphere</i> , <b>2017</b> , 178, 282-290	8.4	34
233	Zebrafish eleutheroembryos as an alternative system for screening chemicals disrupting the mammalian thyroid gland morphogenesis and function. <i>Reproductive Toxicology</i> , <b>2012</b> , 33, 188-97	3.4	34
232	Life-history responses of <i>Daphnia magna</i> Straus to binary mixtures of toxic substances: pharmacological versus ecotoxicological modes of action. <i>Aquatic Toxicology</i> , <b>2007</b> , 84, 439-49	5.1	34
231	Long-term exposure effects in vitellogenin, sex hormones, and biotransformation enzymes in female carp in relation to a sewage treatment works. <i>Ecotoxicology and Environmental Safety</i> , <b>2003</b> , 56, 373-80	7	33
230	Effects of 4-MBC and triclosan in embryos of the frog <i>Pelophylax perezi</i> . <i>Chemosphere</i> , <b>2017</b> , 178, 325-334	3.4	32
229	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. <i>Environmental Research</i> , <b>2019</b> , 178, 108683	7.9	32
228	Joint toxicity prediction of nanoparticles and ionic counterparts: Simulating toxicity under a fate scenario. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 320, 1-9	12.8	32
227	Growth rate of <i>Pseudokirchneriella subcapitata</i> exposed to herbicides found in surface waters in the Alqueva reservoir (Portugal): a bottom-up approach using binary mixtures. <i>Ecotoxicology</i> , <b>2011</b> , 20, 1167-75	2.9	32
226	Cathepsin B-mediated yolk protein degradation during killifish oocyte maturation is blocked by an H <sup>+</sup> -ATPase inhibitor: effects on the hydration mechanism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 290, R456-66	3.2	32
225	Carbaryl toxicity prediction to soil organisms under high and low temperature regimes. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 114, 263-72	7	31
224	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam <i>Ruditapes philippinarum</i> . <i>Environmental Pollution</i> , <b>2018</b> , 235, 857-868	9.3	30
223	Oxidative effects of the pharmaceutical drug paracetamol on the edible clam <i>Ruditapes philippinarum</i> under different salinities. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 179, 116-24	3.2	30



222	Spatial variation of DDT and its metabolites in fish and sediment from Cinca River, a tributary of Ebro River (Spain). <i>Chemosphere</i> , <b>2008</b> , 70, 1182-9	8.4	30
221	Effects of the lipid regulator drug gemfibrozil: A toxicological and behavioral perspective. <i>Aquatic Toxicology</i> , <b>2016</b> , 170, 355-364	5.1	29
220	Triiodothyronine-induced changes in the zebrafish transcriptome during the eleutheroembryonic stage: implications for bisphenol A developmental toxicity. <i>Aquatic Toxicology</i> , <b>2012</b> , 110-111, 114-22	5.1	29
219	Biochemical alterations induced in <i>Hediste diversicolor</i> under seawater acidification conditions. <i>Marine Environmental Research</i> , <b>2016</b> , 117, 75-84	3.3	28
218	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> , <b>2017</b> , 323, 220-232	12.8	27
217	Toxicokinetics of Ag in the terrestrial isopod <i>Porcellionides pruinosus</i> exposed to Ag NPs and AgNO <sub>3</sub> via soil and food. <i>Ecotoxicology</i> , <b>2016</b> , 25, 267-78	2.9	27
216	First evidence of polybrominated diphenyl ether (flame retardants) effects in feral barbel from the Ebro River basin (NE, Spain). <i>Chemosphere</i> , <b>2008</b> , 73, 56-64	8.4	27
215	Efficacy and Ecotoxicity of Novel Anti-Fouling Nanomaterials in Target and Non-Target Marine Species. <i>Marine Biotechnology</i> , <b>2017</b> , 19, 164-174	3.4	26
214	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of <i>R. philippinarum</i> . <i>Aquatic Toxicology</i> , <b>2018</b> , 198, 10-19	5.1	26
213	Toxicity of the insecticides spinosad and indoxacarb to the non-target aquatic midge <i>Chironomus riparius</i> . <i>Science of the Total Environment</i> , <b>2019</b> , 666, 1283-1291	10.2	26
212	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. <i>Environmental Research</i> , <b>2020</b> , 185, 109316	7.9	25
211	Toxicity of tributyltin (TBT) to the freshwater planarian <i>Schmidtea mediterranea</i> . <i>Chemosphere</i> , <b>2016</b> , 148, 61-7	8.4	25
210	The impacts of seawater acidification on <i>Ruditapes philippinarum</i> sensitivity to carbon nanoparticles. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 1692-1704	7.1	25
209	Private forest reserves can aid in preserving the community of medium and large-sized vertebrates in the Amazon arc of deforestation. <i>Biodiversity and Conservation</i> , <b>2011</b> , 20, 505-518	3.4	25
208	'Blue Carbon' and Nutrient Stocks of Salt Marshes at a Temperate Coastal Lagoon (Ria de Aveiro, Portugal). <i>Scientific Reports</i> , <b>2017</b> , 7, 41225	4.9	24
207	Long-term exposure of the isopod <i>Porcellionides pruinosus</i> to nickel: Costs in the energy budget and detoxification enzymes. <i>Chemosphere</i> , <b>2015</b> , 135, 354-62	8.4	24
206	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> , <b>2017</b> , 36, 682-690	3.8	24
205	Modelling acrylamide acute neurotoxicity in zebrafish larvae. <i>Scientific Reports</i> , <b>2017</b> , 7, 13952	4.9	23

204	Unravelling the mechanisms of PFOS toxicity by combining morphological and transcriptomic analyses in zebrafish embryos. <i>Science of the Total Environment</i> , <b>2019</b> , 674, 462-471	10.2	23
203	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in <i>Diopatra neapolitana</i> and <i>Arenicola marina</i> . <i>Environmental Pollution</i> , <b>2016</b> , 214, 456-463	9.3	23
202	Functional validation of ABHD12 mutations in the neurodegenerative disease PHARC. <i>Neurobiology of Disease</i> , <b>2017</b> , 98, 36-51	7.5	23
201	Distribution and biological impact of dioxin-like compounds in risk zones along the Ebro River basin (Spain). <i>Chemosphere</i> , <b>2008</b> , 71, 1156-61	8.4	23
200	Inhibition of intestinal dipeptide transport by the neuropeptide VIP is an anti-absorptive effect via the VPAC1 receptor in a human enterocyte-like cell line (Caco-2). <i>British Journal of Pharmacology</i> , <b>2003</b> , 138, 564-73	8.6	23
199	Androgenic activation, impairment of the monoaminergic system and altered behavior in zebrafish larvae exposed to environmental concentrations of fenitrothion. <i>Science of the Total Environment</i> , <b>2021</b> , 775, 145671	10.2	23
198	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms - An in vitro approach. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 106, 236-44	6.7	23
197	Effects of multi-walled carbon nanotube materials on <i>Ruditapes philippinarum</i> under climate change: The case of salinity shifts. <i>Aquatic Toxicology</i> , <b>2018</b> , 199, 199-211	5.1	22
196	Are the effects induced by increased temperature enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 431-440	10.2	22
195	Sensitivity of the sea snail <i>Gibbula umbilicalis</i> to mercury exposure--linking endpoints from different biological organization levels. <i>Chemosphere</i> , <b>2015</b> , 119, 490-497	8.4	22
194	Retinoic acid receptors' expression and function during zebrafish early development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2013</b> , 138, 143-51	5.1	22
193	Using a new high-throughput video-tracking platform to assess behavioural changes in <i>Daphnia magna</i> exposed to neuro-active drugs. <i>Science of the Total Environment</i> , <b>2019</b> , 662, 160-167	10.2	22
192	Toxicity effects of the organic UV-filter 4-Methylbenzylidene camphor in zebrafish embryos. <i>Chemosphere</i> , <b>2019</b> , 218, 273-281	8.4	22
191	Comprehensive characterization of neurochemicals in three zebrafish chemical models of human acute organophosphorus poisoning using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 1735-1748	4.4	21
190	Effects of low concentrations of psychiatric drugs (carbamazepine and fluoxetine) on the freshwater planarian, <i>Schmidtea mediterranea</i> . <i>Chemosphere</i> , <b>2019</b> , 217, 542-549	8.4	21
189	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , <b>2018</b> , 243, 988-997	9.3	21
188	Life history and behavior effects of synthetic and natural dyes on <i>Daphnia magna</i> . <i>Chemosphere</i> , <b>2019</b> , 236, 124390	8.4	20
187	Antimicrofouling Efficacy of Innovative Inorganic Nanomaterials Loaded with Booster Biocides. <i>Journal of Marine Science and Engineering</i> , <b>2018</b> , 6, 6	2.4	20



186	Ecotoxicity of the antihistaminic drug cetirizine to <i>Ruditapes philippinarum</i> clams. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 793-801	10.2	19
185	Toxicity associated to uptake and depuration of carbamazepine in the clam <i>Scrobicularia plana</i> under a chronic exposure. <i>Science of the Total Environment</i> , <b>2017</b> , 580, 1129-1145	10.2	19
184	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in <i>Daphnia magna</i> . <i>Scientific Reports</i> , <b>2018</b> , 8, 1518	4.9	19
183	Transcriptomic response of zebrafish embryos to polyaminoamine (PAMAM) dendrimers. <i>Nanotoxicology</i> , <b>2014</b> , 8 Suppl 1, 92-9	5.3	19
182	Integrated proteomics and metabolomics to unlock global and clonal responses of <i>Eucalyptus globulus</i> recovery from water deficit. <i>Metabolomics</i> , <b>2016</b> , 12, 1	4.7	19
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176	Separating natural from anthropogenic causes of impairment in Zebra mussel ( <i>Dreissena polymorpha</i> ) populations living across a pollution gradient. <i>Aquatic Toxicology</i> , <b>2014</b> , 152, 82-95	5.1	18
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