

Demetrio Raldua

List of Publications by Year in descending order

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320
papers

10,622
citations

28274

55
h-index

64796

79
g-index

327
all docs

327
docs citations

327
times ranked

10885
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.0	331
2	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 & Technology</i> , 2004, 38, 2603-2608.	10.0	213
3	Zebrafish models of human motor neuron diseases: Advantages and limitations. <i>Progress in Neurobiology</i> , 2014, 118, 36-58.	5.7	166
4	First evidence of endocrine disruption in feral carp from the Ebro River. <i>Toxicology and Applied Pharmacology</i> , 2004, 196, 247-257.	2.8	159
5	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> , 2004, 378, 697-708.	3.7	152
6	Distribution of endocrine disruptors in the Llobregat River basin (Catalonia, NE Spain). <i>Chemosphere</i> , 2005, 61, 1710-1719.	8.2	146
7	Presence of the pharmaceutical drug carbamazepine in coastal systems: Effects on bivalves. <i>Aquatic Toxicology</i> , 2014, 156, 74-87.	4.0	140
8	Marine Fish Egg Hydration Is Aquaporin-Mediated. <i>Science</i> , 2005, 307, 545-545.	12.6	132
9	Use, fate and ecological risks of antibiotics applied in tilapia cage farming in Thailand. <i>Environmental Pollution</i> , 2014, 191, 8-16.	7.5	132
10	The combined use of chemical and biochemical markers to assess water quality along the Ebro River. <i>Environmental Pollution</i> , 2006, 139, 330-339.	7.5	128
11	Pilot survey of a broad range of priority pollutants in sediment and fish from the Ebro river basin (NE Tj ETQq1 1 0.784314 rgBT /Overdo	7.5	127
12	H ⁺ /dipeptide absorption across the human intestinal epithelium is controlled indirectly via a functional Na ⁺ /H ⁺ exchanger. <i>Gastroenterology</i> , 2002, 122, 1322-1333.	1.3	114
13	COMBINED USE OF BIOMARKERS AND IN SITU BIOASSAYS IN DAPHNIA MAGNA TO MONITOR ENVIRONMENTAL HAZARDS OF PESTICIDES IN THE FIELD. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 370.	4.3	106
14	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> , 2008, 75, 390-401.	5.5	104
15	Clofibrate and gemfibrozil induce an embryonic malabsorption syndrome in zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 301-314.	2.8	103
16	Yolk proteolysis and aquaporin-1o play essential roles to regulate fish oocyte hydration during meiosis resumption. <i>Developmental Biology</i> , 2006, 295, 250-262.	2.0	89
17	Obesogens beyond Vertebrates: Lipid Perturbation by Tributyltin in the Crustacean <i>Daphnia magna</i> . <i>Environmental Health Perspectives</i> , 2015, 123, 813-819.	6.0	88
18	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.	8.0	88

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19	Role of Thyroid Hormone in Regulation of Renal Phosphate Transport in Young and Aged Rats. <i>Endocrinology</i> , 1999, 140, 1544-1551.	2.8	87
20	Carbendazim exposure induces developmental, biochemical and behavioural disturbance in zebrafish embryos. <i>Aquatic Toxicology</i> , 2016, 170, 390-399.	4.0	87
21	Zebrafish Eleutheroembryos Provide a Suitable Vertebrate Model for Screening Chemicals that Impair Thyroid Hormone Synthesis. <i>Environmental Science & Technology</i> , 2011, 45, 7525-7532.	10.0	85
22	The relative importance of water and food as cadmium sources to <i>Daphnia magna</i> Straus. <i>Aquatic Toxicology</i> , 2002, 61, 143-154.	4.0	82
23	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> , 2003, 136, 145-156.	2.6	82
24	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.	8.0	80
25	Toxicity of dyes to zebrafish at the biochemical level: Cellular energy allocation and neurotoxicity. <i>Environmental Pollution</i> , 2018, 235, 255-262.	7.5	79
26	Decabrominated diphenyl ether in river fish and sediment samples collected downstream an industrial park. <i>Chemosphere</i> , 2007, 69, 1278-1286.	8.2	78
27	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.	8.2	77
28	Derivation of Major Yolk Proteins from Parental Vitellogenins and Alternative Processing During Oocyte Maturation in <i>Fundulus heteroclitus</i> . <i>Biology of Reproduction</i> , 2005, 73, 815-824.	2.7	76
29	<i>In vivo</i> zebrafish assays for analyzing drug toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 685-697.	3.3	76
30	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.	12.4	75
31	Simple, Rapid Zebrafish Larva Bioassay for Assessing the Potential of Chemical Pollutants and Drugs to Disrupt Thyroid Gland Function. <i>Environmental Science & Technology</i> , 2009, 43, 6844-6850.	10.0	74
32	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , 2015, 85, 137-147.	11.3	74
33	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.	8.0	74
34	Brominated flame retardants in <i>Alburnus alburnus</i> from Cinca River Basin (Spain). <i>Environmental Pollution</i> , 2005, 133, 501-508.	7.5	73
35	DETECTION AND EVALUATION OF ENDOCRINE-DISRUPTION ACTIVITY IN WATER SAMPLES FROM PORTUGUESE RIVERS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 389.	4.3	71
36	Physiological and biochemical alterations induced in the mussel <i>Mytilus galloprovincialis</i> after short and long-term exposure to carbamazepine. <i>Water Research</i> , 2017, 117, 102-114.	11.3	71

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37	Bioaccumulation of silver in <i>Daphnia magna</i> : Waterborne and dietary exposure to nanoparticles and dissolved silver. <i>Science of the Total Environment</i> , 2017, 574, 1633-1639.	8.0	71
38	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> , 2008, 87, 310-320.	4.0	70
39	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> , 2016, 545-546, 569-581.	8.0	70
40	Oxidative stress effects of titanium dioxide nanoparticle aggregates in zebrafish embryos. <i>Science of the Total Environment</i> , 2014, 470-471, 379-389.	8.0	68
41	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109632.	6.0	68
42	Physiological responses to mercury in feral carp populations inhabiting the low Ebro River (NE Spain), a historically contaminated site. <i>Aquatic Toxicology</i> , 2009, 93, 150-157.	4.0	67
43	Ecotoxicity and genotoxicity of cadmium in different marine trophic levels. <i>Environmental Pollution</i> , 2016, 215, 203-212.	7.5	67
44	Mercury levels and liver pathology in feral fish living in the vicinity of a mercury cell chlor-alkali factory. <i>Chemosphere</i> , 2007, 66, 1217-1225.	8.2	66
45	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.	6.0	66
46	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.	2.6	64
47	Zebrafish Models for Human Acute Organophosphorus Poisoning. <i>Scientific Reports</i> , 2015, 5, 15591.	3.3	63
48	Acrylamide acute neurotoxicity in adult zebrafish. <i>Scientific Reports</i> , 2018, 8, 7918.	3.3	62
49	Anti-inflammatory drugs in the marine environment: Bioconcentration, metabolism and sub-lethal effects in marine bivalves. <i>Environmental Pollution</i> , 2020, 263, 114442.	7.5	62
50	Environmental monitoring by gene expression biomarkers in <i>Barbus graellsii</i> : Laboratory and field studies. <i>Chemosphere</i> , 2007, 67, 1144-1154.	8.2	60
51	Compounds altering fat storage in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2016, 545-546, 127-136.	8.0	58
52	Structural and functional divergence of two fish aquaporin-1 water channels following teleost-specific gene duplication. <i>BMC Evolutionary Biology</i> , 2008, 8, 259.	3.2	57
53	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.	11.3	57
54	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.	8.0	57

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55	Identifying major pesticides affecting bivalve species exposed to agricultural pollution using multi-biomarker and multivariate methods. <i>Ecotoxicology</i> , 2010, 19, 1084-1094.	2.4	56
56	Engineered nanomaterials: From their properties and applications, to their toxicity towards marine bivalves in a changing environment. <i>Environmental Research</i> , 2019, 178, 108683.	7.5	56
57	Evaluating the interactions of vertebrate receptors with persistent pollutants and antifouling pesticides using recombinant yeast assays. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1012-1019.	3.7	55
58	Behavior of colloidal gold nanoparticles in different ionic strength media. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	55
59	The Combined Use of Chemical and Biochemical Markers to Assess Water Quality in Two Low-Stream Rivers (NE Spain). <i>Environmental Research</i> , 2002, 90, 169-178.	7.5	54
60	Use of vitellogenin mRNA as a biomarker for endocrine disruption in feral and cultured fish. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 670-675.	3.7	54
61	Reproductive performance of wild boar females in Portugal. <i>European Journal of Wildlife Research</i> , 2011, 57, 363-371.	1.4	54
62	The influence of Arsenic on the toxicity of carbon nanoparticles in bivalves. <i>Journal of Hazardous Materials</i> , 2018, 358, 484-493.	12.4	54
63	Predicted No Effect Concentration (PNEC) for triclosan to terrestrial species (invertebrates and) Tj ETQq1 1 0.784314 µgBT /Overlock 10.05 53	10.05	53
64	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Chemosphere</i> , 2016, 146, 565-573.	8.2	53
65	Toxicological effects of paracetamol on the clam <i>Ruditapes philippinarum</i> : exposure vs recovery. <i>Aquatic Toxicology</i> , 2017, 192, 198-206.	4.0	53
66	Concentrations levels and effects of 17alpha-Ethinylestradiol in freshwater and marine waters and bivalves: A review. <i>Environmental Research</i> , 2020, 185, 109316.	7.5	53
67	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , 2017, 114, 316-326.	11.3	52
68	Biochemical effects of the pharmaceutical drug paracetamol on <i>Anguilla anguilla</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 11574-11584.	5.3	51
69	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> , 2017, 586, 542-550.	8.0	51
70	Unravelling the mechanisms of PFOS toxicity by combining morphological and transcriptomic analyses in zebrafish embryos. <i>Science of the Total Environment</i> , 2019, 674, 462-471.	8.0	51
71	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> , 2007, 387, 1479-1488.	3.7	49
72	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> , 2010, 110, 556-564.	7.5	48

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73	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> , 2011, 20, 505-518.	2.6	48
74	Toxicological and behavioral responses as a tool to assess the effects of natural and synthetic dyes on zebrafish early life. <i>Chemosphere</i> , 2017, 178, 282-290.	8.2	48
75	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> , 2019, 662, 160-167.	8.0	48
76	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> , 2021, 775, 145671.	8.0	48
77	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> , 2008, 294, R993-R1003.	1.8	47
78	Effects of BDE-209 contaminated sediments on zebrafish development and potential implications to human health. <i>Environment International</i> , 2014, 63, 216-223.	10.0	47
79	Development of a vibrational startle response assay for screening environmental pollutants and drugs impairing predator avoidance. <i>Science of the Total Environment</i> , 2019, 650, 87-96.	8.0	47
80	Glyphosate targets fish monoaminergic systems leading to oxidative stress and anxiety. <i>Environment International</i> , 2021, 146, 106253.	10.0	47
81	Physiological and molecular basis of fish oocyte hydration. , 2007, , 349-396.		46
82	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> , 2015, 202, 205-214.	7.5	45
83	The rise and fall of fish diversity in a neotropical river after impoundment. <i>Hydrobiologia</i> , 2016, 763, 207-221.	2.0	45
84	Blue Carbon™ and Nutrient Stocks of Salt Marshes at a Temperate Coastal Lagoon (Ria de Aveiro). <i>Journal of Environmental Quality</i> , 2019, 48, 1000-1008.	3.3	45
85	Life-history consequences of adaptation to pollution. Daphnia longispina clones historically exposed to copper. <i>Ecotoxicology</i> , 2011, 20, 552-562.	2.4	44
86	Effects of soil and dietary exposures to Ag nanoparticles and AgNO ₃ in the terrestrial isopod <i>Porcellionides pruinosus</i> . <i>Environmental Pollution</i> , 2015, 205, 170-177.	7.5	43
87	Joint toxicity prediction of nanoparticles and ionic counterparts: Simulating toxicity under a fate scenario. <i>Journal of Hazardous Materials</i> , 2016, 320, 1-9.	12.4	43
88	Life history and behavior effects of synthetic and natural dyes on <i>Daphnia magna</i> . <i>Chemosphere</i> , 2019, 236, 124390.	8.2	43
89	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> , 2003, 56, 373-380.	6.0	42
90	Salinity influences the biochemical response of <i>Crassostrea angulata</i> to Arsenic. <i>Environmental Pollution</i> , 2016, 214, 756-766.	7.5	42

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91	Biochemical alterations induced in <i>Hediste diversicolor</i> under seawater acidification conditions. <i>Marine Environmental Research</i> , 2016, 117, 75-84.	2.5	42
92	Spatial variation of DDT and its metabolites in fish and sediment from Cinca River, a tributary of Ebro River (Spain). <i>Chemosphere</i> , 2008, 70, 1182-1189.	8.2	41
93	Integrated proteomics and metabolomics to unlock global and clonal responses of <i>Eucalyptus globulus</i> recovery from water deficit. <i>Metabolomics</i> , 2016, 12, 1.	3.0	41
94	Efficacy and Ecotoxicity of Novel Anti-Fouling Nanomaterials in Target and Non-Target Marine Species. <i>Marine Biotechnology</i> , 2017, 19, 164-174.	2.4	41
95	Carbaryl toxicity prediction to soil organisms under high and low temperature regimes. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 263-272.	6.0	40
96	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in <i>Diopatra neapolitana</i> and <i>Arenicola marina</i> . <i>Environmental Pollution</i> , 2016, 214, 456-463.	7.5	40
97	Effects of 4-MBC and triclosan in embryos of the frog <i>Pelophylax perezi</i> . <i>Chemosphere</i> , 2017, 178, 325-332.	8.2	40
98	Are the effects induced by increased temperature enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Science of the Total Environment</i> , 2019, 647, 431-440.	8.0	40
99	Effects of the lipid regulator drug gemfibrozil: A toxicological and behavioral perspective. <i>Aquatic Toxicology</i> , 2016, 170, 355-364.	4.0	39
100	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> , 2018, 235, 857-868.	7.5	39
101	Cathepsin B-mediated yolk protein degradation during killifish oocyte maturation is blocked by an H ⁺ -ATPase inhibitor: effects on the hydration mechanism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R456-R466.	1.8	38
102	Toxicokinetics of Ag in the terrestrial isopod <i>Porcellionides pruinosus</i> exposed to Ag NPs and AgNO ₃ via soil and food. <i>Ecotoxicology</i> , 2016, 25, 267-278.	2.4	38
103	Toxicity of the insecticides spinosad and indoxacarb to the non-target aquatic midge <i>Chironomus riparius</i> . <i>Science of the Total Environment</i> , 2019, 666, 1283-1291.	8.0	38
104	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> , 2016, 179, 116-124.	2.6	37
105	Modelling acrylamide acute neurotoxicity in zebrafish larvae. <i>Scientific Reports</i> , 2017, 7, 13952.	3.3	37
106	Toxicity effects of the organic UV-filter 4-Methylbenzylidene camphor in zebrafish embryos. <i>Chemosphere</i> , 2019, 218, 273-281.	8.2	37
107	Immune response triggered by the ingestion of polyethylene microplastics in the dipteran larvae <i>Chironomus riparius</i> . <i>Journal of Hazardous Materials</i> , 2021, 414, 125401.	12.4	37
108	Zebrafish eleutheroembryos as an alternative system for screening chemicals disrupting the mammalian thyroid gland morphogenesis and function. <i>Reproductive Toxicology</i> , 2012, 33, 188-197.	2.9	36

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109	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> , 2007, 84, 439-449.	4.0	35
110	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> , 2018, 198, 10-19.	4.0	35
111	Effects of low concentrations of psychiatric drugs (carbamazepine and fluoxetine) on the freshwater planarian, <i>Schmidtea mediterranea</i> . <i>Chemosphere</i> , 2019, 217, 542-549.	8.2	35
112	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103661.	4.0	35
113	Microplastics in freshwater sediments: Effects on benthic invertebrate communities and ecosystem functioning assessed in artificial streams. <i>Science of the Total Environment</i> , 2022, 804, 150118.	8.0	35
114	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> , 2011, 20, 1167-1175.	2.4	33
115	Triiodothyronine-induced changes in the zebrafish transcriptome during the elutheroembryonic stage: Implications for bisphenol A developmental toxicity. <i>Aquatic Toxicology</i> , 2012, 110-111, 114-122.	4.0	33
116	Toxicity of tributyltin (TBT) to the freshwater planarian <i>Schmidtea mediterranea</i> . <i>Chemosphere</i> , 2016, 148, 61-67.	8.2	33
117	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.	12.4	33
118	First evidence of polybrominated diphenyl ether (flame retardants) effects in feral barbel from the Ebro River basin (NE, Spain). <i>Chemosphere</i> , 2008, 73, 56-64.	8.2	32
119	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.	4.3	32
120	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2018, 8, 1518.	3.3	32
121	Antimicrofouling Efficacy of Innovative Inorganic Nanomaterials Loaded with Booster Biocides. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 6.	2.6	32
122	Chronic effects of wastewater-borne silver and titanium dioxide nanoparticles on the rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Science of the Total Environment</i> , 2020, 723, 137974.	8.0	32
123	Long-term exposure of the isopod <i>Porcellionides pruinosus</i> to nickel: Costs in the energy budget and detoxification enzymes. <i>Chemosphere</i> , 2015, 135, 354-362.	8.2	31
124	The impacts of seawater acidification on <i>Ruditapes philippinarum</i> sensitivity to carbon nanoparticles. <i>Environmental Science: Nano</i> , 2017, 4, 1692-1704.	4.3	31
125	Functional validation of ABHD12 mutations in the neurodegenerative disease PHARC. <i>Neurobiology of Disease</i> , 2017, 98, 36-51.	4.4	31
126	Dose-dependent transcriptomic responses of zebrafish elutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , 2018, 243, 988-997.	7.5	30

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127	The impacts of warming on the toxicity of carbon nanotubes in mussels. <i>Marine Environmental Research</i> , 2019, 145, 11-21.	2.5	30
128	Validation of a two-generational reproduction test in <i>Daphnia magna</i> : An interlaboratory exercise. <i>Science of the Total Environment</i> , 2017, 579, 1073-1083.	8.0	29
129	Exposure to chlorantraniliprole affects the energy metabolism of the caddisfly <i>Sericostoma vittatum</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1584-1591.	4.3	29
130	A high-throughput assay for screening environmental pollutants and drugs impairing predator avoidance in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2020, 740, 140045.	8.0	29
131	Sensitivity of the sea snail <i>Gibbula umbilicalis</i> to mercury exposure – Linking endpoints from different biological organization levels. <i>Chemosphere</i> , 2015, 119, 490-497.	8.2	28
132	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms – An in vitro approach. <i>Marine Pollution Bulletin</i> , 2016, 106, 236-244.	5.0	28
133	Influence of environmental conditions on the toxicokinetics of cadmium in the marine copepod <i>Acartia tonsa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 142-149.	6.0	28
134	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> , 2018, 410, 1735-1748.	3.7	28
135	Oxidative stress, metabolic and histopathological alterations in mussels exposed to remediated seawater by GO-PEI after contamination with mercury. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 243, 110674.	1.8	28
136	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> , 2003, 138, 564-573.	5.4	27
137	Distribution and biological impact of dioxin-like compounds in risk zones along the Ebro River basin (Spain). <i>Chemosphere</i> , 2008, 71, 1156-1161.	8.2	27
138	Further characterization of the zebrafish model of acrylamide acute neurotoxicity: gait abnormalities and oxidative stress. <i>Scientific Reports</i> , 2019, 9, 7075.	3.3	27
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