

Demetrio Raldua

List of Publications by Year in descending order

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Version: 2024-02-01

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	Terrestrial organisms react differently to nano and non-nano Cu(OH) ₂ forms. <i>Science of the Total Environment</i> , 2022, 807, 150679.	8.0	8
2	Can the toxicity of polyethylene microplastics and engineered nanoclays on flatfish (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td 804, 150188.	8.0	11
3	Salinity-dependent impacts on the effects of antiepileptic and antihistaminic drugs in <i>Ruditapes philippinarum</i> . <i>Science of the Total Environment</i> , 2022, 806, 150369.	8.0	7
4	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
5	Teratogenic effects induced by paracetamol, ciprofloxacin, and their mixture on <i>Danio rerio</i> embryos: Oxidative stress implications. <i>Science of the Total Environment</i> , 2022, 806, 150541.	8.0	14
6	The influence of salinity on the toxicity of remediated seawater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32967-32987.	5.3	3
7	Co-Exposure with an Invasive Seaweed Exudate Increases Toxicity of Polyamide Microplastics in the Marine Mussel <i>Mytilus galloprovincialis</i> . <i>Toxics</i> , 2022, 10, 43.	3.7	6
8	Responses of <i>Ruditapes philippinarum</i> to contamination by pharmaceutical drugs under ocean acidification scenario. <i>Science of the Total Environment</i> , 2022, 824, 153591.	8.0	8
9	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 <i>Danio rerio</i> . <i>Chemosphere</i> , 2022, 294, 133667.	8.2	11
10	Toxicokinetics of silver in the goldfish <i>Carassius auratus</i> under simultaneous waterborne and diet-borne exposures to silver nanoparticles. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56079-56089.	5.3	3
11	Automated Counting of Daphnid Neonates, <i>Artemia</i> Nauplii and Zebrafish Eggs: A Proof of Concept. <i>Environmental Toxicology and Chemistry</i> , 2022, , .	4.3	2
12	Molecular mechanisms of zinc toxicity in the potworm <i>Enchytraeus crypticus</i> , analysed by high-throughput gene expression profiling. <i>Science of the Total Environment</i> , 2022, 825, 153975.	8.0	4
13	Environmental levels of carbaryl impair zebrafish larvae behaviour: The potential role of ADRA2B and HTR2B. <i>Journal of Hazardous Materials</i> , 2022, 431, 128563.	12.4	14
14	Behavioral Impairment in Aquatic Organisms Exposed to Neurotoxic Pollutants. <i>Toxics</i> , 2022, 10, 243.	3.7	0
15	Glyphosate targets fish monoaminergic systems leading to oxidative stress and anxiety. <i>Environment International</i> , 2021, 146, 106253.	10.0	47
16	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. <i>Aquatic Toxicology</i> , 2021, 230, 105673.	4.0	23
17	Effects of ultraviolet radiation to <i>Solea senegalensis</i> during early development. <i>Science of the Total Environment</i> , 2021, 764, 142899.	8.0	6
18	Are Microplastics Impairing Marine Fish Larviculture? Preliminary Results with <i>Argyrosomus regius</i> . <i>Water (Switzerland)</i> , 2021, 13, 104.	2.7	19

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19	Acetylcholinesterase (AChE) Activity in Embryos of Zebrafish. <i>Methods in Molecular Biology</i> , 2021, 2240, 119-124.	0.9	9
20	Linking range wide energetic tradeoffs to breeding performance in a long-distance migrant. <i>Ecography</i> , 2021, 44, 512-524.	4.5	10
21	Embryotoxicity of silver nanomaterials (Ag NM300k) in the soil invertebrate <i>Enchytraeus crypticus</i> – Functional assay detects Ca channels shutdown. <i>NanoImpact</i> , 2021, 21, 100300.	4.5	5
22	Cadmium Accumulation and Kinetics in <i>Solea senegalensis</i> Tissues under Dietary and Water Exposure and the Link to Human Health. <i>Water (Switzerland)</i> , 2021, 13, 522.	2.7	12
23	How Does <i>Mytilus galloprovincialis</i> Respond When Exposed to the Gametophyte Phase of the Invasive Red Macroalga <i>Asparagopsis armata</i> Exudate?. <i>Water (Switzerland)</i> , 2021, 13, 460.	2.7	7
24	<i>Asparagopsis armata</i> Exudate Cocktail: The Quest for the Mechanisms of Toxic Action of an Invasive Seaweed on Marine Invertebrates. <i>Biology</i> , 2021, 10, 223.	2.8	11
25	How temperature can alter the combined effects of carbon nanotubes and caffeine in the clam <i>Ruditapes decussatus</i> ?. <i>Environmental Research</i> , 2021, 195, 110755.	7.5	7
26	Susceptibility of <i>Folsomia candida</i> to Agrochemicals after Multigenerational Exposure to Human Pharmaceuticals. <i>Environmental Toxicology and Chemistry</i> , 2021, , .	4.3	5
27	Meeting the Salinity Requirements of the Bivalve Mollusc <i>Crassostrea gigas</i> in the Depuration Process and Posterior Shelf-Life Period to Improve Food Safety and Product Quality. <i>Water (Switzerland)</i> , 2021, 13, 1126.	2.7	9
28	Differential Modulation of the Central and Peripheral Monoaminergic Neurochemicals by Deprenyl in Zebrafish Larvae. <i>Toxics</i> , 2021, 9, 116.	3.7	6
29	Effects of exposure to the UV-filter 4-MBC during <i>Solea senegalensis</i> metamorphosis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51440-51452.	5.3	7
30	Effects of temperature on caffeine and carbon nanotubes co-exposure in <i>Ruditapes philippinarum</i> . <i>Chemosphere</i> , 2021, 271, 129775.	8.2	14
31	Pharmacological Modulation of Serotonin Levels in Zebrafish Larvae: Lessons for Identifying Environmental Neurotoxicants Targeting the Serotonergic System. <i>Toxics</i> , 2021, 9, 118.	3.7	12
32	Ocean Warming May Enhance Biochemical Alterations Induced by an Invasive Seaweed Exudate in the Mussel <i>Mytilus galloprovincialis</i> . <i>Toxics</i> , 2021, 9, 121.	3.7	3
33	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
34	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
35	The Influence of Temperature Increase on the Toxicity of Mercury Remediated Seawater Using the Nanomaterial Graphene Oxide on the Mussel <i>Mytilus galloprovincialis</i> . <i>Nanomaterials</i> , 2021, 11, 1978.	4.1	4
36	Organic solvents alter photophysiological and oxidative stress profiles of the coral <i>Zoanthus</i> sp. – Towards an optimization of ecotoxicological protocols. <i>Science of the Total Environment</i> , 2021, 777, 146072.	8.0	3

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37	Bioaccumulation and ecotoxicological responses of clams exposed to terbium and carbon nanotubes: Comparison between native (<i>Ruditapes decussatus</i>) and invasive (<i>Ruditapes philippinarum</i>) species. <i>Science of the Total Environment</i> , 2021, 784, 146914.	8.0	10
38	Chronological Trends and Mercury Bioaccumulation in an Aquatic Semiarid Ecosystem under a Global Climate Change Scenario in the Northeastern Coast of Brazil. <i>Animals</i> , 2021, 11, 2402.	2.3	4
39	Mercury Accumulation and Elimination in Different Tissues of Zebrafish (<i>Danio rerio</i>) Exposed to a Mercury-Supplemented Diet. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 882.	2.6	6
40	Pharmacological Modulation of Behaviour, Serotonin and Dopamine Levels in <i>Daphnia magna</i> Exposed to the Monoamine Oxidase Inhibitor Deprenyl. <i>Toxics</i> , 2021, 9, 187.	3.7	7
41	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. <i>Chemosphere</i> , 2021, 277, 130160.	8.2	5
42	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
43	Differential accumulation of PAHs within planarian cephalic and posterior body parts. <i>Ecotoxicology</i> , 2021, 30, 2132-2135.	2.4	1
44	Pharmacological modulation of fish-induced depth selection in <i>D. magna</i> : the role of cholinergic and GABAergic signalling. <i>Scientific Reports</i> , 2021, 11, 19407.	3.3	13
45	Gut and faecal bacterial community of the terrestrial isopod <i>Porcellionides pruinosus</i> : potential use for monitoring exposure scenarios. <i>Ecotoxicology</i> , 2021, 30, 2096-2108.	2.4	1
46	The influence of salinity on sodium lauryl sulfate toxicity in <i>Mytilus galloprovincialis</i> . <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103715.	4.0	15
47	Planarian behavioural endpoints in ecotoxicology: A case study evaluating mercury and salinity effects. <i>Environmental Toxicology and Pharmacology</i> , 2021, 88, 103747.	4.0	3
48	Effects of the antineoplastic drug cyclophosphamide on the biochemical responses of the mussel <i>Mytilus galloprovincialis</i> under different temperatures. <i>Environmental Pollution</i> , 2021, 288, 117735.	7.5	8
49	Effects of nanostructure antifouling biocides towards a coral species in the context of global changes. <i>Science of the Total Environment</i> , 2021, 799, 149324.	8.0	9
50	Impacts of the Invasive Seaweed <i>Asparagopsis armata</i> Exudate on Energetic Metabolism of Rock Pool Invertebrates. <i>Toxins</i> , 2021, 13, 15.	3.4	11
51	A Zebrafish Model of Neurotoxicity by Binge-Like Methamphetamine Exposure. <i>Frontiers in Pharmacology</i> , 2021, 12, 770319.	3.5	6
52	The anurofauna of a vanishing savanna: the case of the Brazilian Cerrado. <i>Biodiversity and Conservation</i> , 2020, 29, 1993-2015.	2.6	7
53	Effects of pH and nitrites on the toxicity of a cypermethrin-based pesticide to shrimps. <i>Chemosphere</i> , 2020, 241, 125089.	8.2	5
54	Multiorgan histopathological changes in the juvenile seabream <i>Sparus aurata</i> as a biomarker for zinc oxide particles toxicity. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30907-30917.	5.3	20

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55	The impact of a hydroelectric dam on Neotropical fish communities: A spatio-temporal analysis of the Trophic Upsurge Hypothesis. <i>Ecology of Freshwater Fish</i> , 2020, 29, 384-397.	1.4	16
56	Bacterially assembled biopolyester nanobeads for removing cadmium from water. <i>Water Research</i> , 2020, 186, 116357.	11.3	14
57	Mercury Uptake Affects the Development of <i>Larus fuscus</i> Chicks. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2008-2017.	4.3	7
58	Characterization of monoaminergic neurochemicals in the different brain regions of adult zebrafish. <i>Science of the Total Environment</i> , 2020, 745, 141205.	8.0	12
59	Impacts of UV Filters in <i>Mytilus galloprovincialis</i> : Preliminary Data on the Acute Effects Induced by Environmentally Relevant Concentrations. <i>Sustainability</i> , 2020, 12, 6852.	3.2	12
60	The Role of Temperature on the Impact of Remediated Water towards Marine Organisms. <i>Water (Switzerland)</i> , 2020, 12, 2148.	2.7	12
61	<i>Chironomus riparius</i> Proteome Responses to Spinosad Exposure. <i>Toxics</i> , 2020, 8, 117.	3.7	3
62	Effects of Carbamazepine in Bivalves: A Review. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020, 254, 163-181.	1.3	0
63	Effects of abamectin-based and difenoconazole-based formulations and their mixtures in <i>Daphnia magna</i> : a multiple endpoint approach. <i>Ecotoxicology</i> , 2020, 29, 1486-1499.	2.4	22
64	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
65	Assessing the acute and chronic toxicity of exposure to naturally occurring oil sands deposits to aquatic organisms using <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2020, 729, 138805.	8.0	7
66	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
67	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
68	Biochar in soil mitigates dimethoate hazard to soil pore water exposed biota. <i>Journal of Hazardous Materials</i> , 2020, 400, 123304.	12.4	10
69	Ecotoxicological effects of the azole antifungal agent clotrimazole on the macrophyte species <i>Lemna minor</i> and <i>Lemna gibba</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 237, 108835.	2.6	13
70	MCR-ALS analysis of 1H NMR spectra by segments to study the zebrafish exposure to acrylamide. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5695-5706.	3.7	10
71	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
72	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

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73	Lethal and sub-lethal effects of nanosized titanium dioxide particles on <i>Hydropsyche excrucellata</i> Dufour, 1841. <i>Aquatic Insects</i> , 2020, 41, 85-103.	0.9	5
74	Effects of the organic UV-filter, 3-(4-methylbenzylidene) camphor, on benthic invertebrates and ecosystem function in artificial streams. <i>Environmental Pollution</i> , 2020, 260, 113981.	7.5	7
75	Impact of wastewater-borne nanoparticles of silver and titanium dioxide on the swimming behaviour and biochemical markers of <i>Daphnia magna</i> : An integrated approach. <i>Aquatic Toxicology</i> , 2020, 220, 105404.	4.0	26
76	Screening anti-predator behaviour in fish larvae exposed to environmental pollutants. <i>Science of the Total Environment</i> , 2020, 714, 136759.	8.0	27
77	Targeting redox metabolism: the perfect storm induced by acrylamide poisoning in the brain. <i>Scientific Reports</i> , 2020, 10, 312.	3.3	14
78	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
79	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
80	Linking cholinesterase inhibition with behavioural changes in the sea snail <i>Gibbula umbilicalis</i> : Effects of the organophosphate pesticide chlorpyrifos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 225, 108570.	2.6	12
81	Life history and behavior effects of synthetic and natural dyes on <i>Daphnia magna</i> . <i>Chemosphere</i> , 2019, 236, 124390.	8.2	43
82	Therapeutic potential of N-acetylcysteine in acrylamide acute neurotoxicity in adult zebrafish. <i>Scientific Reports</i> , 2019, 9, 16467.	3.3	17
83	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
84	Assessment of fipronil toxicity to the freshwater midge <i>Chironomus riparius</i> : Molecular, biochemical, and organismal responses. <i>Aquatic Toxicology</i> , 2019, 216, 105292.	4.0	24
85	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109632.	6.0	68
86	The impacts of warming on the toxicity of carbon nanotubes in mussels. <i>Marine Environmental Research</i> , 2019, 145, 11-21.	2.5	30
87	Multiomic Analysis of Zebrafish Models of Acute Organophosphorus Poisoning With Different Severity. <i>Toxicological Sciences</i> , 2019, 171, 211-220.	3.1	4
88	Unravelling the molecular mechanisms of nickel in woodlice.. <i>Environmental Research</i> , 2019, 176, 108507.	7.5	3
89	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
90	Impacts of ocean acidification on carboxylated carbon nanotube effects induced in the clam species <i>Ruditapes philippinarum</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 20742-20752.	5.3	13

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91	Effects of long-term exposure to colloidal gold nanorods on freshwater microalgae. <i>Science of the Total Environment</i> , 2019, 682, 70-79.	8.0	8
92	Long-term exposure of <i>Daphnia magna</i> to carbendazim: how it affects toxicity to another chemical or mixture. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16289-16302.	5.3	11
93	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
94	Mercury accumulation from food decreases collembolans' growth. <i>Science of the Total Environment</i> , 2019, 668, 25-31.	8.0	11
95	The influence of Climate Change on the fate and behavior of different carbon nanotubes materials and implication to estuarine invertebrates. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 219, 103-115.	2.6	3
96	Deciphering the mode of action of pollutants impairing the fish larvae escape response with the vibrational startle response assay. <i>Science of the Total Environment</i> , 2019, 672, 121-128.	8.0	22
97	Combined effects of NaCl and fluoxetine on the freshwater planarian, <i>Schmidtea mediterranea</i> (Platyhelminthes: Dugesidae). <i>Environmental Science and Pollution Research</i> , 2019, 26, 11326-11335.	5.3	22
98	The influence of simulated global ocean acidification on the toxic effects of carbon nanoparticles on polychaetes. <i>Science of the Total Environment</i> , 2019, 666, 1178-1187.	8.0	15
99	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
100	Effects of PCB-77 in adult zebrafish after exposure during early life stages. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 478-483.	1.7	9
101	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
102	Time and energy costs of different foraging choices in an avian generalist species. <i>Movement Ecology</i> , 2019, 7, 41.	2.8	13
103	Ethnozoological knowledge of traditional fishing villages about the anadromous sea lamprey (<i>Petromyzon marinus</i>) in the Minho river, Portugal. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2019, 15, 71.	2.6	13
104	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
105	Factors influencing the introduction and spread of <i>Harmonia axyridis</i> in the Iberian Peninsula. <i>Biological Invasions</i> , 2019, 21, 323-331.	2.4	7
106	The role of humic acids on gemfibrozil toxicity to zebrafish embryos. <i>Chemosphere</i> , 2019, 220, 556-564.	8.2	13
107	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm <i>Ficopomatus enigmaticus</i> (Fauvel, 1923). <i>Marine Environmental Research</i> , 2019, 143, 1-9.	2.5	17
108	Toxicity effects of the organic UV-filter 4-Methylbenzylidene camphor in zebrafish embryos. <i>Chemosphere</i> , 2019, 218, 273-281.	8.2	37

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109	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
110	Assessment of tissue-specific multifactor effects in environmental “omics studies of heterogeneous biological samples: Combining hyperspectral image information and chemometrics. <i>Talanta</i> , 2019, 194, 390-398.	5.5	10
111	Multigenerational effects of carbendazim in <i>Daphnia magna</i> : From a subcellular to a population level. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 412-422.	4.3	13
112	Recently-adopted foraging strategies constrain early chick development in a coastal breeding gull. <i>PeerJ</i> , 2019, 7, e7250.	2.0	16
113	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
114	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
115	Effects of multi-walled carbon nanotube materials on <i>Ruditapes philippinarum</i> under climate change: The case of salinity shifts. <i>Aquatic Toxicology</i> , 2018, 199, 199-211.	4.0	25
116	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
117	Toxicokinetics of cadmium in <i>Palaemon varians</i> postlarvae under waterborne and/or dietary exposure. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1614-1622.	4.3	5
118	Effects of <i>Camellia sinensis</i> crude saponin on survival and biochemical markers of oxidative stress and multixenobiotic resistance of the Mediterranean mussel, <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2018, 625, 1467-1475.	8.0	9
119	Combined effects of insecticide exposure and predation risk on freshwater detritivores. <i>Ecotoxicology</i> , 2018, 27, 794-802.	2.4	6
120	Joint effects of chlorpyrifos and mancozeb on the terrestrial isopod <i>Porcellionides pruinosus</i> : A multiple biomarker approach. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1446-1457.	4.3	5
121	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
122	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
123	Analysis of the neurotoxic effects of neuropathic organophosphorus compounds in adult zebrafish. <i>Scientific Reports</i> , 2018, 8, 4844.	3.3	11
124	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
125	Effects of the herbicides linuron and S-metolachlor on Perez's frog embryos. <i>Chemosphere</i> , 2018, 194, 595-601.	8.2	17
126	Metals and As content in sediments and Manila clam <i>Ruditapes philippinarum</i> in the Tagus estuary (Portugal): Impacts and risk for human consumption. <i>Marine Pollution Bulletin</i> , 2018, 126, 281-292.	5.0	18

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127	Combining hyperspectral imaging and chemometrics to assess and interpret the effects of environmental stressors on zebrafish eye images at tissue level. <i>Journal of Biophotonics</i> , 2018, 11, e201700089.	2.3	8
128	Silver (nano)materials cause genotoxicity in <i>Enchytraeus crypticus</i> , as determined by the comet assay. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 184-191.	4.3	18
129	Functional Data Analysis: Omics for Environmental Risk Assessment. <i>Comprehensive Analytical Chemistry</i> , 2018, , 583-611.	1.3	4
130	Antimicrofouling Efficacy of Innovative Inorganic Nanomaterials Loaded with Booster Biocides. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 6.	2.6	32
131	Fate and Effect of Nano Tungsten Carbide Cobalt (WCCo) in the Soil Environment: Observing a Nanoparticle Specific Toxicity in <i>Enchytraeus crypticus</i> . <i>Environmental Science & Technology</i> , 2018, 52, 11394-11401.	10.0	25
132	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , 2018, 243, 988-997.	7.5	30
133	Does the exposure to salinity variations and water dispersible carbon nanotubes induce oxidative stress in <i>Hediste diversicolor</i> ?. <i>Marine Environmental Research</i> , 2018, 141, 186-195.	2.5	9
134	Acrylamide acute neurotoxicity in adult zebrafish. <i>Scientific Reports</i> , 2018, 8, 7918.	3.3	62
135	Are the impacts of carbon nanotubes enhanced in <i>Mytilus galloprovincialis</i> submitted to air exposure?. <i>Aquatic Toxicology</i> , 2018, 202, 163-172.	4.0	12
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137	Metabolomic changes induced by nicotine in adult zebrafish skeletal muscle. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 388-397.	6.0	13
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140	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
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144	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

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146	Enchytraeus crypticus fitness: effect of density on a two-generation study. <i>Ecotoxicology</i> , 2017, 26, 570-575.	2.4	9
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171	Assessment of DNA damage in <i>Ardea cinerea</i> and <i>Ciconia ciconia</i> : A 5-year study in Portuguese birds retrieved for rehabilitation. <i>Ecotoxicology and Environmental Safety</i> , 2017, 136, 104-110.	6.0	12
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182	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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248	Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disruptors. <i>Environmental Pollution</i> , 2014, 187, 210-213.	7.5	8
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271	Predicted No Effect Concentration (PNEC) for triclosan to terrestrial species (invertebrates and) Tj ETQq1 1 0.784314 rgBT /Overlock 10.05	10.0	53
272	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
273	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
274	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
275	Analysis of vitelline envelope synthesis and composition during early oocyte development in gilthead seabream (<i>Sparus aurata</i>). <i>Molecular Reproduction and Development</i> , 2008, 75, 1351-1360.	2.0	25
276	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
277	Clofibrate and gemfibrozil induce an embryonic malabsorption syndrome in zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 301-314.	2.8	103
278	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
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280	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
281	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
282	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
283	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
284	Physiological and molecular basis of fish oocyte hydration. , 2007, , 349-396.		46
285	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
286	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
287	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
288	Decabrominated diphenyl ether in river fish and sediment samples collected downstream an industrial park. <i>Chemosphere</i> , 2007, 69, 1278-1286.	8.2	78

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289	BLT-1, a specific inhibitor of the HDL receptor SR-BI, induces a copper-dependent phenotype during zebrafish development. <i>Toxicology Letters</i> , 2007, 175, 1-7.	0.8	20
290	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
291	A NONINVASIVE TEST OF EXPOSITION TO TOXICANTS: QUANTITATIVE ANALYSIS OF CYTOCHROME P4501A EXPRESSION IN FISH SCALES. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 2179.	4.3	14
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293	A NON-INVASIVE TEST OF EXPOSITION TO TOXICANTS: QUANTITATIVE ANALYSIS OF CYTOCHROME P4501A EXPRESSION IN FISH SCALES. <i>Environmental Toxicology and Chemistry</i> , 2007, preprint, 1.	4.3	0
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296	Yolk proteolysis and aquaporin-1 α play essential roles to regulate fish oocyte hydration during meiosis resumption. <i>Developmental Biology</i> , 2006, 295, 250-262.	2.0	89
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303	Distribution of endocrine disruptors in the Llobregat River basin (Catalonia, NE Spain). <i>Chemosphere</i> , 2005, 61, 1710-1719.	8.2	146
304	Brominated flame retardants in <i>Alburnus alburnus</i> from Cinca River Basin (Spain). <i>Environmental Pollution</i> , 2005, 133, 501-508.	7.5	73
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306	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

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312	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
313	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
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