

# Carlos Barata

## List of Publications by Year in Descending Order

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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.

208 papers	6,984 citations	49 h-index	72 g-index
218 ext. papers	7,788 ext. citations	6.1 avg, IF	5.99 L-index

#	Paper	IF	Citations
208	Phototactic behaviour and neurotransmitter profiles in two <i>Daphnia magna</i> clones: Vertical and horizontal responses to fish kairomones and psychotropic drugs.. <i>Science of the Total Environment</i> , <b>2022</b> , 154684	10.2	0
207	Stress response markers in the blood of São Tomé green sea turtles ( <i>Chelonia mydas</i> ) and their relation with accumulated metal levels. <i>Environmental Pollution</i> , <b>2021</b> , 293, 118490	9.3	4
206	Reduction of histamine and enhanced spinning behavior of <i>Daphnia magna</i> caused by scarlet mutant. <i>Genesis</i> , <b>2021</b> , 59, e23403	1.9	0
205	Combined targeted/untargeted analytical and chemometric approaches in the characterization of <i>Daphnia magna</i> metabolomic changes under bisphenol A exposure. <i>Microchemical Journal</i> , <b>2021</b> , 165, 106150	4.8	2
204	Characterization of neurotransmitters and related metabolites in <i>Daphnia magna</i> juveniles deficient in serotonin and exposed to neuroactive chemicals that affect its behavior: A targeted LC-MS/MS method. <i>Chemosphere</i> , <b>2021</b> , 263, 127814	8.4	7
203	Towards an innovative combined process coupling biodegradation and photo-oxidation for the removal of pharmaceutical residues. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 755-763	3.5	1
202	<i>Daphnia magna</i> Gut-Specific Transcriptomic Responses to Feeding Inhibiting Chemicals and Food Limitation. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 2510-2520	3.8	1
201	Improving water quality does not guarantee fish health: Effects of ammonia pollution on the behaviour of wild-caught pre-exposed fish. <i>PLoS ONE</i> , <b>2021</b> , 16, e0243404	3.7	2
200	Pharmacological Modulation of Behaviour, Serotonin and Dopamine Levels in Exposed to the Monoamine Oxidase Inhibitor Deprenyl. <i>Toxics</i> , <b>2021</b> , 9,	4.7	1
199	Pharmacological modulation of fish-induced depth selection in <i>D. magna</i> : the role of cholinergic and GABAergic signalling. <i>Scientific Reports</i> , <b>2021</b> , 11, 19407	4.9	2
198	Effects of the antineoplastic drug cyclophosphamide on the biochemical responses of the mussel <i>Mytilus galloprovincialis</i> under different temperatures. <i>Environmental Pollution</i> , <b>2021</b> , 288, 117735	9.3	0
197	Aqueous stability and degradation of psychiatric and neuroactive compounds and its biological activity in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , <b>2021</b> , 798, 149252	10.2	3
196	Changes in lipid profiles in <i>Daphnia magna</i> individuals exposed to low environmental levels of neuroactive pharmaceuticals. <i>Science of the Total Environment</i> , <b>2020</b> , 733, 139029	10.2	6
195	Transcriptomic effects of tributyltin (TBT) in zebrafish eleutheroembryos. A functional benchmark dose analysis. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 398, 122881	12.8	11
194	<i>Daphnia magna</i> responses to fish kairomone and chlorpromazine exposures. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 325, 109123	5	7
193	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> , <b>2020</b> , 740, 140045	10.2	10
192	Untargeted metabolomics changes on <i>Gammarus pulex</i> induced by propranolol, triclosan, and nimesulide pharmaceutical drugs. <i>Chemosphere</i> , <b>2020</b> , 260, 127479	8.4	6

191	Lethal and sub-lethal effects of nanosized titanium dioxide particles on <i>Hydropsyche exocellata</i> Dufour, 1841. <i>Aquatic Insects</i> , <b>2020</b> , 41, 85-103	0.5	1
190	Impacts of the Invasive Seaweed Exudate on Energetic Metabolism of Rock Pool Invertebrates. <i>Toxins</i> , <b>2020</b> , 13,	4.9	4
189	Changes in lipid profiles induced by bisphenol A (BPA) in zebrafish eleutheroembryos during the yolk sac absorption stage. <i>Chemosphere</i> , <b>2020</b> , 246, 125704	8.4	13
188	Data Processing for RNA/DNA Sequencing <b>2020</b> , 507-514		
187	Exposure to heavy metal-contaminated sediments disrupts gene expression, lipid profile, and life history traits in the midge <i>Chironomus riparius</i> . <i>Water Research</i> , <b>2020</b> , 168, 115165	12.5	17
186	Effects of Single and Combined Low Concentrations of Neuroactive Drugs on Reproduction and Transcriptomic Responses. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 11979-11987	10.3	9
185	Morphometric signatures of exposure to endocrine disrupting chemicals in zebrafish eleutheroembryos. <i>Aquatic Toxicology</i> , <b>2019</b> , 214, 105232	5.1	18
184	Comparison in the response of three European Gammarid species exposed to the growth regulator insecticide fenoxycarb. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 11496-11502	5.1	0
183	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
182	Time-dependent transcriptomic responses of <i>Daphnia magna</i> exposed to metabolic disruptors that enhanced storage lipid accumulation. <i>Environmental Pollution</i> , <b>2019</b> , 249, 99-108	9.3	10
181	Tryptophan hydroxylase (TRH) loss of function mutations in <i>Daphnia</i> deregulated growth, energetic, serotonergic and arachidonic acid metabolic signalling pathways. <i>Scientific Reports</i> , <b>2019</b> , 9, 3693	4.9	10
180	<i>Chironomus riparius</i> exposure to field-collected contaminated sediments: From subcellular effect to whole-organism response. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 874-882	10.2	24
179	Analysis of neurotransmitters in <i>Daphnia magna</i> affected by neuroactive pharmaceuticals using liquid chromatography-high resolution mass spectrometry. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113029	9.3	10
178	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> , <b>2019</b> , 225, 108570	3.2	8
177	Characterization of neurotransmitter profiles in <i>Daphnia magna</i> juveniles exposed to environmental concentrations of antidepressants and anxiolytic and antihypertensive drugs using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 5867-5876	4.4	11
176	Analysis of 44 pharmaceuticals consumed by elderly using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 168, 55-63	3.5	15
175	Development of predicted environmental concentrations to prioritize the occurrence of pharmaceuticals in rivers from Catalonia. <i>Science of the Total Environment</i> , <b>2019</b> , 666, 57-67	10.2	18
174	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

173	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
172	Chemometrics comparison of gas chromatography with mass spectrometry and comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry <i>Daphnia magna</i> metabolic profiles exposed to salinity. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 2368-2379	3.4	8
171	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
170	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> , <b>2018</b> , 625, 1467-1475	10.2	7
169	Combined effects of insecticide exposure and predation risk on freshwater detritivores. <i>Ecotoxicology</i> , <b>2018</b> , 27, 794-802	2.9	6
168	Invasive Species Mediate Insecticide Effects on Community and Ecosystem Functioning. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4889-4900	10.3	16
167	Toxicological Analysis of Acid Mine Drainage by Water Quality and Land Use Bioassays. <i>Mine Water and the Environment</i> , <b>2018</b> , 37, 88-97	2.4	9
166	Combined effects of salinity, temperature and hypoxia on <i>Daphnia magna</i> metabolism. <i>Science of the Total Environment</i> , <b>2018</b> , 610-611, 602-612	10.2	26
165	Fenoxycarb exposure disrupted the reproductive success of the amphipod <i>Gammarus fossarum</i> with limited effects on the lipid profile. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196461	3.7	4
164	Allocation of glycerolipids and glycerophospholipids from adults to eggs in <i>Daphnia magna</i> : Perturbations by compounds that enhance lipid droplet accumulation. <i>Environmental Pollution</i> , <b>2018</b> , 242, 1702-1710	9.3	16
163	Effect of psychiatric drugs on <i>Daphnia magna</i> oxylipin profiles. <i>Science of the Total Environment</i> , <b>2018</b> , 644, 1101-1109	10.2	14
162	Differential gene transcription across the life cycle in <i>Daphnia magna</i> using a new all genome custom-made microarray. <i>BMC Genomics</i> , <b>2018</b> , 19, 370	4.5	14
161	Omics in Zebrafish Teratogenesis. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1797, 421-441	1.4	3
160	Dysregulatory effects of retinoic acid isomers in late zebrafish embryos. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 3849-3859	5.1	4
159	Pharmaceuticals released from senior residences: occurrence and risk evaluation. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 6095-6106	5.1	14
158	Functional Data Analysis: Omics for Environmental Risk Assessment. <i>Comprehensive Analytical Chemistry</i> , <b>2018</b> , 583-611	1.9	2
157	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , <b>2018</b> , 243, 988-997	9.3	21
156	Antioxidant activity and lipid peroxidation in <i>Artemia nauplii</i> enriched with DHA-rich oil emulsion and the effect of adding an external antioxidant based on hydroxytyrosol. <i>Aquaculture Research</i> , <b>2017</b> , 48, 1006-1019	1.9	2

155	Integrated environmental risk assessment of chemical pollution in a Mediterranean floodplain by combining chemical and biological methods. <i>Science of the Total Environment</i> , <b>2017</b> , 583, 248-256	10.2	10
154	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
153	Toxic potential of organic constituents of submicron particulate matter (PM1) in an urban road site (Barcelona). <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 15406-15415	5.1	9
152	Validation of a two-generational reproduction test in <i>Daphnia magna</i> : An interlaboratory exercise. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 1073-1083	10.2	18
151	Evolutionary consequences of historical metal contamination for natural populations of <i>Chironomus riparius</i> (Diptera: Chironomidae). <i>Ecotoxicology</i> , <b>2017</b> , 26, 534-546	2.9	13
150	Investigating heritability of cadmium tolerance in <i>Chironomus riparius</i> natural populations: A physiological approach. <i>Chemosphere</i> , <b>2017</b> , 170, 83-94	8.4	15
149	Biphasic modulation of neuro- and interrenal steroidogenesis in juvenile African sharptooth catfish ( <i>Clarias gariepinus</i> ) exposed to waterborne di-(2-ethylhexyl) phthalate. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 254, 22-37	3	11
148	Energetic costs and biochemical biomarkers associated with esfenvalerate exposure in <i>Sericoxystoma vittatum</i> . <i>Chemosphere</i> , <b>2017</b> , 189, 445-453	8.4	14
147	The role of genetic diversity and past-history selection pressures in the susceptibility of <i>Chironomus riparius</i> populations to environmental stress. <i>Science of the Total Environment</i> , <b>2017</b> , 576, 807-816	10.2	11
146	Exposure to chlorantraniliprole affects the energy metabolism of the caddisfly <i>Sericoxystoma vittatum</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 1584-1591	3.8	18
145	Can salinity trigger cascade effects on streams? A mesocosm approach. <i>Science of the Total Environment</i> , <b>2016</b> , 540, 3-10	10.2	40
144	Ecological relevance of biomarkers in monitoring studies of macro-invertebrates and fish in Mediterranean rivers. <i>Science of the Total Environment</i> , <b>2016</b> , 540, 307-23	10.2	109
143	Mechanisms of Action of Compounds That Enhance Storage Lipid Accumulation in <i>Daphnia magna</i> . <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 13565-13573	10.3	17
142	Exploring the disruptive effects of TBT on lipid homeostasis of <i>Daphnia magna</i> using chemometric methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2016</b> , 159, 58-68	3.8	4
141	Chloride and sulphate toxicity to <i>Hydropsyche exocellata</i> (Trichoptera, Hydropsychidae): Exploring intraspecific variation and sub-lethal endpoints. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 1032-1041	10.2	16
140	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 163-70	10.2	22
139	Behavioural responses of freshwater planarians after short-term exposure to the insecticide chlorantraniliprole. <i>Aquatic Toxicology</i> , <b>2016</b> , 170, 371-376	5.1	31
138	Metabolic profiling of <i>Daphnia magna</i> exposed to environmental stressors by GC/MS and chemometric tools. <i>Metabolomics</i> , <b>2016</b> , 12, 1	4.7	24

137	Induction of multixenobiotic defense mechanisms in resistant <i>Daphnia magna</i> clones as a general cellular response to stress. <i>Aquatic Toxicology</i> , <b>2016</b> , 175, 132-43	5.1	8
136	Compounds altering fat storage in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 127-136	3.6	45
135	Low environmental levels of neuro-active pharmaceuticals alter phototactic behaviour and reproduction in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , <b>2016</b> , 170, 289-296	5.1	74
134	Endocrine Disruption in the Omics Era: New Views, New Hazards, New Approaches. <i>Open Biotechnology Journal</i> , <b>2016</b> , 10, 20-35	2	7
133	Two-generational effects of contaminants in <i>Daphnia magna</i> : Effects of offspring quality. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1470-7	3.8	12
132	Use of a combined effect model approach for discriminating between ABCB1- and ABCC1-type efflux activities in native bivalve gill tissue. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 297, 56-67	4.6	9
131	Depressing Antidepressant: Fluoxetine Affects Serotonin Neurons Causing Adverse Reproductive Responses in <i>Daphnia magna</i> . <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 6000-7	10.3	38
130	Effects of the antidepressant fluoxetine in spiked-sediments on developmental and reproductive features of the polychaetes <i>Capitella teleta</i> and <i>Capitella</i> sp A. <i>Ecotoxicology</i> , <b>2015</b> , 24, 106-18	2.9	7
129	Liquid chromatography coupled with tandem mass spectrometry to characterise trace levels of cyanobacteria and dinoflagellate toxins in suspended solids and sediments. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 1451-62	4.4	6
128	qRT-PCR evaluation of the transcriptional response of zebra mussel to heavy metals. <i>BMC Genomics</i> , <b>2015</b> , 16, 354	4.5	6
127	Differential embryotoxicity of the organic pollutants in rural and urban air particles. <i>Environmental Pollution</i> , <b>2015</b> , 206, 535-42	9.3	28
126	Sub-lethal toxicity of environmentally relevant concentrations of esfenvalerate to <i>Chironomus riparius</i> . <i>Environmental Pollution</i> , <b>2015</b> , 207, 273-9	9.3	31
125	Degradation and toxicity of mitoxantrone and chlorambucil in water. <i>International Journal of Environmental Science and Technology</i> , <b>2015</b> , 12, 633-640	3.3	20
124	Transcriptomic, biochemical and individual markers in transplanted <i>Daphnia magna</i> to characterize impacts in the field. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 200-12	10.2	12
123	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
122	Reviewing Biological Indices and Biomarkers Suitability to Analyze Human Impacts. Emergent Tools to Analyze Biological Status in Rivers. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 249-268	0.8	
121	Life history and biochemical effects of chlorantraniliprole on <i>Chironomus riparius</i> . <i>Science of the Total Environment</i> , <b>2015</b> , 508, 506-13	10.2	65
120	Identification of compounds bound to suspended solids causing sub-lethal toxic effects in <i>Daphnia magna</i> . A field study on re-suspended particles during river floods in Ebro River. <i>Aquatic Toxicology</i> , <b>2015</b> , 161, 41-50	5.1	16



119	Toxic assessment of urban atmospheric particle-bound PAHs: relevance of composition and particle size in Barcelona (Spain). <i>Environmental Pollution</i> , <b>2014</b> , 184, 555-62	9.3	55
118	Attenuation of emerging organic contaminants in a hybrid constructed wetland system under different hydraulic loading rates and their associated toxicological effects in wastewater. <i>Science of the Total Environment</i> , <b>2014</b> , 470-471, 1272-80	10.2	101
117	Transcriptomic response of zebrafish embryos to polyaminoamine (PAMAM) dendrimers. <i>Nanotoxicology</i> , <b>2014</b> , 8 Suppl 1, 92-9	5.3	19
116	The use of cholinesterase as potential biomarker: In vitro characterization in the polychaete <i>Capitella teleta</i> . <i>Marine Pollution Bulletin</i> , <b>2014</b> , 85, 179-85	6.7	8
115	Toxicity of atmospheric particle-bound PAHs: an environmental perspective. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 11623-33	5.1	26
114	Occurrence, elimination, and risk of anticoagulant rodenticides and drugs during wastewater treatment. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 7194-203	5.1	27
113	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
112	Effects of Barcelona harbor sediments in biological responses of the polychaete <i>Capitella teleta</i> . <i>Science of the Total Environment</i> , <b>2014</b> , 485-486, 545-553	10.2	12
111	Transformation Products of Alkylphenols <b>2014</b> , 577-612		1
110	First evidence for toxic defense based on the multixenobiotic resistance (MXR) mechanism in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 148, 139-51	5.1	37
109	Decontamination of polycyclic aromatic hydrocarbons and nonylphenol from sewage sludge using hydroxypropyl-β-cyclodextrin and evaluation of the toxicity of leachates. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 507-17	5.1	21
108	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
107	Identification of metabolic pathways in <i>Daphnia magna</i> explaining hormetic effects of selective serotonin reuptake inhibitors and 4-nonylphenol using transcriptomic and phenotypic responses. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 9434-43	10.3	52
106	Priority and emerging flame retardants in rivers: occurrence in water and sediment, <i>Daphnia magna</i> toxicity and risk assessment. <i>Environment International</i> , <b>2013</b> , 59, 232-43	12.9	206
105	Heavy metal content in oysters ( <i>Crassostrea gigas</i> ) cultured in the Ebro Delta in Catalonia, Spain. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 6783-92	3.1	15
104	Genetic and phenotypic differentiation of zebra mussel populations colonizing Spanish river basins. <i>Ecotoxicology</i> , <b>2013</b> , 22, 915-28	2.9	10
103	Bioaccumulation and effects of perfluorinated compounds (PFCs) in zebra mussels ( <i>Dreissena polymorpha</i> ). <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 2661-9	5.1	28
102	Transcriptomic seasonal variations in a natural population of zebra mussel ( <i>Dreissena polymorpha</i> ). <i>Science of the Total Environment</i> , <b>2013</b> , 454-455, 482-9	10.2	12

101	Responses of B-esterase enzymes in oysters ( <i>Crassostrea gigas</i> ) transplanted to pesticide contaminated bays from the Ebro Delta (NE, Spain). <i>Marine Pollution Bulletin</i> , <b>2013</b> , 66, 135-42	6.7	13
100	Effects of nanoparticles of TiO <sub>2</sub> on food depletion and life-history responses of <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , <b>2013</b> , 130-131, 174-83	5.1	50
99	Effects of the pharmaceutical fluoxetine in spiked-sediments on feeding activity and growth of the polychaete <i>Capitella teleta</i> . <i>Marine Environmental Research</i> , <b>2013</b> , 89, 76-82	3.3	19
98	Modeling mixtures of thyroid gland function disruptors in a vertebrate alternative model, the zebrafish eleutheroembryo. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 269, 169-75	4.6	9
97	Organic carbon content effects on bioavailability of pyrethroid insecticides and validation of solid phase extraction with Poly (2,6-diphenyl-p-phenylene oxide) Polymer by <i>Daphnia magna</i> toxicity tests. <i>Science of the Total Environment</i> , <b>2013</b> , 442, 497-502	10.2	11
96	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
95	The combined use of metrics of biological quality and biomarkers to detect the effects of reclaimed water on macroinvertebrate assemblages in the lower part of a polluted Mediterranean river (Llobregat River, NE Spain). <i>Ecological Indicators</i> , <b>2013</b> , 24, 167-176	5.8	18
94	Deciphering Emerging Toxicological Effects of Pharmaceuticals on Aquatic Organisms by Using <i>Daphnia magna</i> and <i>Danio rerio</i> as Model Organisms. <i>Comprehensive Analytical Chemistry</i> , <b>2013</b> , 62, 611-647	1.9	5
93	Mechanisms of action of selective serotonin reuptake inhibitors in <i>Daphnia magna</i> . <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 2943-50	10.3	60
92	Are pesticide residues associated to rice production affecting oyster production in Delta del Ebro, NE Spain?. <i>Science of the Total Environment</i> , <b>2012</b> , 437, 209-18	10.2	21
91	Low environmental levels of fluoxetine induce spawning and changes in endogenous estradiol levels in the zebra mussel <i>Dreissena polymorpha</i> . <i>Aquatic Toxicology</i> , <b>2012</b> , 106-107, 123-30	5.1	62
90	Enhanced offspring production in <i>Daphnia magna</i> clones exposed to serotonin reuptake inhibitors and 4-nonylphenol. Stage- and food-dependent effects. <i>Aquatic Toxicology</i> , <b>2012</b> , 109, 100-10	5.1	44
89	Abcb and Abcc transporter homologs are expressed and active in larvae and adults of zebra mussel and induced by chemical stress. <i>Aquatic Toxicology</i> , <b>2012</b> , 122-123, 144-52	5.1	38
88	A system for the detection of pigment network in dermoscopy images using directional filters. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2012</b> , 59, 2744-54	5	90
87	Environmental hazards of pesticides from pineapple crop production in the R� Jim�ez watershed (Caribbean Coast, Costa Rica). <i>Science of the Total Environment</i> , <b>2012</b> , 440, 106-14	10.2	39
86	Advances in the Multibiomarker Approach for Risk Assessment in Aquatic Ecosystems. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 147-179	0.8	7
85	Population growth rate responses of <i>Ceriodaphnia dubia</i> to ternary mixtures of specific acting chemicals: pharmacological versus ecotoxicological modes of action. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 9663-72	10.3	13
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