

# Ronny Blust

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5769861/publications.pdf>

Version: 2024-02-01

143  
papers

5,041  
citations

76196

40  
h-index

128067

60  
g-index

145  
all docs

145  
docs citations

145  
times ranked

6360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactive toxicity of copper and cadmium in regenerating and adult planarians. <i>Chemosphere</i> , 2022, 297, 133819.	4.2	4
2	The relevance of European Biota Quality Standards on the ecological water quality as determined by the multimetric macro-invertebrate index: A Flemish case study. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113222.	2.9	3
3	Temperature Effects During a Sublethal Chronic Metal Mixture Exposure on Common Carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0,784314 rgBT /Ove 1.3	1.3	8
4	<i>Arabidopsis</i> root growth and development under metal exposure presented in an adverse outcome pathway framework. <i>Plant, Cell and Environment</i> , 2021, , .	2.8	6
5	Deriving Nickel (Ni(II)) and Chromium (Cr(III)) Based Environmentally Safe Olivine Guidelines for Coastal Enhanced Silicate Weathering. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12362-12371.	4.6	22
6	Mercury accumulation in muscle and liver tissue and human health risk assessment of two resident freshwater fish species in Flanders (Belgium): a multilocation approach. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	7
7	Sublethal Effect Concentrations for Nonpolar Narcosis in the Zebrafish Embryo. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2802-2812.	2.2	4
8	Field application of a novel active-passive sampling technique for the simultaneous measurement of a wide range of contaminants in water. <i>Chemosphere</i> , 2021, 279, 130598.	4.2	7
9	Towards harmonization of water quality management: A comparison of chemical drinking water and surface water quality standards around the globe. <i>Journal of Environmental Management</i> , 2021, 298, 113447.	3.8	11
10	Effect of abiotic factors and environmental concentrations on the bioaccumulation of persistent organic and inorganic compounds to freshwater fish and mussels. <i>Science of the Total Environment</i> , 2021, 799, 149448.	3.9	15
11	Use of lanthanum for water treatment A matter of concern?. <i>Chemosphere</i> , 2020, 239, 124780.	4.2	32
12	The effect of copper on behaviour, memory, and associative learning ability of zebrafish ( <i>Danio rerio</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109900.	2.9	28
13	Experimental evidence for the decline of submerged vegetation in freshwater ecosystems by the invasive Chinese mitten crab ( <i>Eriocheir sinensis</i> ). <i>Biological Invasions</i> , 2020, 22, 627-641.	1.2	7
14	The interactive effect of copper(II) and conspecific alarm substances on behavioural responses of zebrafish ( <i>Danio rerio</i> ). <i>Behavioural Brain Research</i> , 2020, 381, 112452.	1.2	3
15	Impact of urban street canyon architecture on local atmospheric pollutant levels and magneto-chemical PM10 composition: An experimental study in Antwerp, Belgium. <i>Science of the Total Environment</i> , 2020, 712, 135534.	3.9	19
16	Common carp, <i>Cyprinus carpio</i> , prefer branchial ionoregulation at high feeding rates and kidney ionoregulation when food supply is limited: additional effects of cortisol and exercise. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 451-469.	0.9	21
17	A comparative study on the effects of three different metals (Cu, Zn and Cd) at similar toxicity levels in common carp, <i>Cyprinus carpio</i> . <i>Journal of Applied Toxicology</i> , 2020, 41, 1400-1413.	1.4	4
18	Do Aptamers Always Bind? The Need for a Multifaceted Analytical Approach When Demonstrating Binding Affinity between Aptamer and Low Molecular Weight Compounds. <i>Journal of the American Chemical Society</i> , 2020, 142, 19622-19630.	6.6	63

#	ARTICLE	IF	CITATIONS
19	Implications of climate change for submerged macrophytes: effects of CO <sub>2</sub> , flow velocity and nutrient concentration on <i>Berula erecta</i> . <i>Aquatic Ecology</i> , 2020, 54, 775-793.	0.7	17
20	The synergistic toxicity of Cd(II) and Cu(II) to zebrafish ( <i>Danio rerio</i> ): Effect of water hardness. <i>Chemosphere</i> , 2020, 247, 125942.	4.2	20
21	Bottle or tap? Toward an integrated approach to water type consumption. <i>Water Research</i> , 2020, 173, 115578.	5.3	32
22	Toxicity and bioaccumulation of Cadmium, Copper and Zinc in a direct comparison at equitoxic concentrations in common carp ( <i>Cyprinus carpio</i> ) juveniles. <i>PLoS ONE</i> , 2020, 15, e0220485.	1.1	39
23	Characterization of the accumulation of metals and organic contaminants on a novel active-passive sampling device under controlled water flow conditions. <i>Chemosphere</i> , 2019, 236, 124400.	4.2	5
24	The effect of thermal pre-incubation and exposure on sensitivity of zebrafish ( <i>Danio rerio</i> ) to copper and cadmium single and binary exposures. <i>Aquatic Toxicology</i> , 2019, 213, 105226.	1.9	10
25	The effect of metal mixture composition on toxicity to <i>C. elegans</i> at individual and population levels. <i>PLoS ONE</i> , 2019, 14, e0218929.	1.1	17
26	Optimizing the Use of Zebrafish Feeding Trials for the Safety Evaluation of Genetically Modified Crops. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1472.	1.8	3
27	The interplay between chemical speciation and physiology determines the bioaccumulation and toxicity of Cu(II) and Cd(II) to <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2019, 39, 282-293.	1.4	3
28	Bioaccumulation and trophic transfer of total mercury in the subtropical Olifants River Basin, South Africa. <i>Chemosphere</i> , 2019, 216, 832-843.	4.2	26
29	Human inflammatory response of endotoxin affected by particulate matter-bound transition metals. <i>Environmental Pollution</i> , 2019, 244, 118-126.	3.7	12
30	Microplastic contamination in gudgeons ( <i>Gobio gobio</i> ) from Flemish rivers (Belgium). <i>Environmental Pollution</i> , 2019, 244, 675-684.	3.7	95
31	Neuropeptidomic Analysis of Zebrafish Brain. <i>Methods in Molecular Biology</i> , 2018, 1719, 241-246.	0.4	1
32	An AOP-based alternative testing strategy to predict the impact of thyroid hormone disruption on swim bladder inflation in zebrafish. <i>Aquatic Toxicology</i> , 2018, 200, 1-12.	1.9	28
33	Cyclist exposure to black carbon, ultrafine particles and heavy metals: An experimental study along two commuting routes near Antwerp, Belgium. <i>Environmental Research</i> , 2018, 164, 530-538.	3.7	54
34	Transcriptome profiling of HepG2 cells exposed to the flame retardant 9,10-dihydro-9-oxa-10-phosphaphenanthrene 10-oxide (DOPO). <i>Toxicology Research</i> , 2018, 7, 492-502.	0.9	4
35	Toxicogenomics of the flame retardant tris (2-butoxyethyl) phosphate in HepG2 cells using RNA-seq. <i>Toxicology in Vitro</i> , 2018, 46, 178-188.	1.1	21
36	Effects of Hg sublethal exposure in the brain of peacock blennies <i>Salaria pavo</i> : Molecular, physiological and histopathological analysis. <i>Chemosphere</i> , 2018, 193, 1094-1104.	4.2	14

#	ARTICLE	IF	CITATIONS
37	A toxicogenomics approach to screen chlorinated flame retardants tris(2-ethyl) phosphate and tris(2-chloroisopropyl) phosphate for potential health effects. <i>Journal of Applied Toxicology</i> , 2018, 38, 459-470.	1.4	40
38	Mixture effects of copper, cadmium, and zinc on mortality and behavior of <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 145-159.	2.2	40
39	Biochemodynamic Features of Metal Ions Bound by Micro- and Nano-Plastics in Aquatic Media. <i>Frontiers in Chemistry</i> , 2018, 6, 627.	1.8	55
40	The abundance of urban endotoxins as measured with an impinger-based sampling strategy. <i>Aerobiologia</i> , 2018, 34, 487-496.	0.7	1
41	Exercise improves growth, alters physiological performance and gene expression in common carp ( <i>Cyprinus carpio</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2018, 226, 38-48.	0.8	22
42	A novel active-passive sampling approach for measuring time-averaged concentrations of pollutants in water. <i>Chemosphere</i> , 2018, 209, 363-372.	4.2	22
43	SBR treatment of tank truck cleaning wastewater: sludge characteristics, chemical and ecotoxicological effluent quality. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2524-2533.	1.2	6
44	Salinity, dissolved organic carbon, and interpopulation variability hardly influence the accumulation and effect of copper in <i>Mytilus edulis</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2074-2082.	2.2	8
45	<i>Lemna minor</i> plants chronically exposed to ionising radiation: RNA-seq analysis indicates a dose rate dependent shift from acclimation to survival strategies. <i>Plant Science</i> , 2017, 257, 84-95.	1.7	63
46	Persistent organic pollutants in the Olifants River Basin, South Africa: Bioaccumulation and trophic transfer through a subtropical aquatic food web. <i>Science of the Total Environment</i> , 2017, 586, 792-806.	3.9	77
47	Integrated hazard, risk and impact assessment of tropical marine sediments from Tema Harbour (Ghana). <i>Chemosphere</i> , 2017, 177, 24-34.	4.2	8
48	Formation of aerobic granular sludge during the treatment of petrochemical wastewater. <i>Bioresource Technology</i> , 2017, 238, 559-567.	4.8	52
49	Metals in the Scheldt estuary: From environmental concentrations to bioaccumulation. <i>Environmental Pollution</i> , 2017, 228, 82-91.	3.7	38
50	Cadmium exposure exerts neurotoxic effects in peacock blennies <i>Salaria pavo</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 217-227.	2.9	14
51	Systematic Evaluation of Chronic Metal-Mixture Toxicity to Three Species and Implications for Risk Assessment. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4615-4623.	4.6	64
52	The effect of the feeding pattern of complex industrial wastewater on activated sludge characteristics and the chemical and ecotoxicological effluent quality. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10796-10807.	2.7	8
53	The sequencing batch reactor as an excellent configuration to treat wastewater from the petrochemical industry. <i>Water Science and Technology</i> , 2017, 75, 793-801.	1.2	6
54	Effect of temperature on chronic toxicity of copper, zinc, and nickel to <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1909-1916.	2.2	32

#	ARTICLE	IF	CITATIONS
55	Chemodynamics and bioavailability of metal ion complexes with nanoparticles in aqueous media. <i>Environmental Science: Nano</i> , 2017, 4, 2108-2133.	2.2	25
56	How lethal concentration changes over time: Toxicity of cadmium, copper, and lead to the freshwater isopod <i>Asellus aquaticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2849-2854.	2.2	13
57	Comparison of chronic mixture toxicity of nickel-zinc-copper and nickel-zinc-copper-cadmium mixtures between <i>Ceriodaphnia dubia</i> and <i>Pseudokirchneriella subcapitata</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1056-1066.	2.2	22
58	Peptidomics of the zebrafish <i>Danio rerio</i> : In search for neuropeptides. <i>Journal of Proteomics</i> , 2017, 150, 290-296.	1.2	16
59	Unique Properties of Core Shell Ag@Au Nanoparticles for the Aptasensing of Bacterial Cells. <i>Chemosensors</i> , 2016, 4, 16.	1.8	32
60	Pre-acclimation to low ammonia improves ammonia handling in common carp ( <i>Cyprinus carpio</i> ) when exposed subsequently to high environmental ammonia. <i>Aquatic Toxicology</i> , 2016, 180, 334-344.	1.9	17
61	Biomarkers assessment in the peacock blenny <i>Salaria pavo</i> exposed to cadmium. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16296-16312.	2.7	9
62	Dynamic modeling of copper bioaccumulation by <i>Mytilus edulis</i> in the presence of humic acid aggregates. <i>Aquatic Toxicology</i> , 2016, 178, 165-170.	1.9	20
63	Kidney activity increases in copper exposed goldfish ( <i>Carassius auratus auratus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 190, 32-37.	1.3	26
64	Mercury accumulation and its effects on molecular, physiological, and histopathological responses in the peacock blenny <i>Salaria pavo</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 22099-22115.	2.7	8
65	Mixture toxicity and interactions of copper, nickel, cadmium, and zinc to barley at low effect levels: Something from nothing?. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2483-2492.	2.2	31
66	Differential modulation of ammonia excretion, Rhesus glycoproteins and ion-regulation in common carp ( <i>Cyprinus carpio</i> ) following individual and combined exposure to waterborne copper and ammonia. <i>Aquatic Toxicology</i> , 2016, 170, 129-141.	1.9	22
67	Shawn, the <i>Drosophila</i> Homolog of SLC25A39/40, Is a Mitochondrial Carrier That Promotes Neuronal Survival. <i>Journal of Neuroscience</i> , 2016, 36, 1914-1929.	1.7	33
68	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part II: Zebrafish. <i>Aquatic Toxicology</i> , 2016, 173, 204-217.	1.9	56
69	Assessing in-vitro estrogenic effects of currently-used flame retardants. <i>Toxicology in Vitro</i> , 2016, 33, 153-162.	1.1	42
70	Distribution of trace elements in the aquatic ecosystem of the Thigithe river and the fish <i>Labeo victorinus</i> in Tanzania and possible risks for human consumption. <i>Science of the Total Environment</i> , 2016, 547, 48-59.	3.9	50
71	Identification of threshold body burdens of metals for the protection of the aquatic ecological status using two benthic invertebrates. <i>Environmental Pollution</i> , 2016, 210, 76-84.	3.7	44
72	Influence of nutrient medium composition on uranium toxicity and choice of the most sensitive growth related endpoint in <i>Lemna minor</i> . <i>Journal of Environmental Radioactivity</i> , 2016, 151, 427-437.	0.9	16

#	ARTICLE	IF	CITATIONS
73	(Electro)Sensing of Phenicol Antibiotics—A Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 2416-2429.	5.4	28
74	The first draft genome of the aquatic model plant <i>Lemna minor</i> opens the route for future stress physiology research and biotechnological applications. <i>Biotechnology for Biofuels</i> , 2015, 8, 188.	6.2	112
75	$\beta$ -Radiation Stress Responses on Growth and Antioxidative Defense System in Plants: A Study with Strontium-90 in <i>Lemna minor</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 15309-15327.	1.8	25
76	Deiodinase Knockdown during Early Zebrafish Development Affects Growth, Development, Energy Metabolism, Motility and Phototransduction. <i>PLoS ONE</i> , 2015, 10, e0123285.	1.1	50
77	Nutritional Status as the Key Modulator of Antioxidant Responses Induced by High Environmental Ammonia and Salinity Stress in European Sea Bass ( <i>Dicentrarchus labrax</i> ). <i>PLoS ONE</i> , 2015, 10, e0135091.	1.1	66
78	Aquatic acute species sensitivity distributions of ZnO and CuO nanoparticles. <i>Science of the Total Environment</i> , 2015, 526, 233-242.	3.9	60
79	Maternal transfer of organohalogenated compounds in sharks and stingrays. <i>Marine Pollution Bulletin</i> , 2015, 92, 59-68.	2.3	16
80	A high throughput passive dosing format for the Fish Embryo Acute Toxicity test. <i>Chemosphere</i> , 2015, 139, 9-17.	4.2	39
81	Elucidating toxicological mechanisms of current flame retardants using a bacterial gene profiling assay. <i>Toxicology in Vitro</i> , 2015, 29, 2124-2132.	1.1	14
82	Bioaccumulation of organohalogenated compounds in sharks and rays from the southeastern USA. <i>Environmental Research</i> , 2015, 137, 199-207.	3.7	29
83	Gene transcription patterns and energy reserves in <i>Daphnia magna</i> show no nanoparticle specific toxicity when exposed to ZnO and CuO nanoparticles.. <i>Environmental Research</i> , 2015, 138, 82-92.	3.7	41
84	Interactive effect of high environmental ammonia and nutritional status on ecophysiological performance of European sea bass ( <i>Dicentrarchus labrax</i> ) acclimated to reduced seawater salinities. <i>Aquatic Toxicology</i> , 2015, 160, 39-56.	1.9	37
85	Hypo-osmotic stress-induced physiological and ion-osmoregulatory responses in European sea bass ( <i>Dicentrarchus labrax</i> ) are modulated differentially by nutritional status. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 181, 87-99.	0.8	29
86	An Improved Electrochemical Aptasensor for Chloramphenicol Detection Based on Aptamer Incorporated Gelatine. <i>Sensors</i> , 2015, 15, 7605-7618.	2.1	31
87	High environmental ammonia elicits differential oxidative stress and antioxidant responses in five different organs of a model estuarine teleost ( <i>Dicentrarchus labrax</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 174-175, 21-31.	1.3	31
88	Salinity and dissolved organic carbon both affect copper toxicity in mussel larvae: Copper speciation or competition cannot explain everything. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1330-1336.	2.2	30
89	Linking environmental heavy metal concentrations and salinity gradients with metal accumulation and their effects: A case study in 3 mussel species of Vitória estuary and Espírito Santo bay, Southeast Brazil. <i>Science of the Total Environment</i> , 2015, 523, 1-15.	3.9	76
90	Characterizing dose response relationships: Chronic gamma radiation in <i>Lemna minor</i> induces oxidative stress and altered ploidy level. <i>Journal of Environmental Radioactivity</i> , 2015, 150, 195-202.	0.9	41

#	ARTICLE	IF	CITATIONS
91	Cortisol affects metabolic and ionoregulatory responses to a different extent depending on feeding ration in common carp, <i>Cyprinus carpio</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 189, 45-57.	0.8	40
92	Use of a macroinvertebrate based biotic index to estimate critical metal concentrations for good ecological water quality. <i>Chemosphere</i> , 2015, 119, 138-144.	4.2	25
93	The chronic toxicity of CuO nanoparticles and copper salt to <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2015, 283, 416-422.	6.5	75
94	The combined effect of hypoxia and nutritional status on metabolic and ionoregulatory responses of common carp ( <i>Cyprinus carpio</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 179, 133-143.	0.8	22
95	Anti-Oxidative Defences Are Modulated Differentially in Three Freshwater Teleosts in Response to Ammonia-Induced Oxidative Stress. <i>PLoS ONE</i> , 2014, 9, e95319.	1.1	102
96	Expression of Obesity Markers and Persistent Organic Pollutants Levels in Adipose Tissue of Obese Patients: Reinforcing the Obesogen Hypothesis?. <i>PLoS ONE</i> , 2014, 9, e84816.	1.1	39
97	Overview of the Current State-of-the-Art for Bioaccumulation Models in Marine Mammals. <i>Toxics</i> , 2014, 2, 226-246.	1.6	2
98	Toxicogenomics in the 3T3-L1 Cell Line, a New Approach for Screening of Obesogenic Compounds. <i>Toxicological Sciences</i> , 2014, 140, 352-363.	1.4	40
99	Evaluation of acute ecotoxicity removal from industrial wastewater using a battery of rapid bioassays. <i>Water Science and Technology</i> , 2014, 70, 2056-2061.	1.2	8
100	An Electrochemical Impedimetric Aptasensing Platform for Sensitive and Selective Detection of Small Molecules Such as Chloramphenicol. <i>Sensors</i> , 2014, 14, 12059-12069.	2.1	58
101	Carbon nanotubes based electrochemical aptasensing platform for the detection of hydroxylated polychlorinated biphenyl in human blood serum. <i>Biosensors and Bioelectronics</i> , 2014, 54, 78-84.	5.3	58
102	Behavioural, physiological and biochemical markers in damselfly larvae ( <i>Ischnura elegans</i> ) to assess effects of accumulated metal mixtures. <i>Science of the Total Environment</i> , 2014, 470-471, 208-215.	3.9	17
103	Are persistent organic pollutants and metals in eel muscle predictive for the ecological water quality?. <i>Environmental Pollution</i> , 2014, 186, 165-171.	3.7	28
104	Methoxylated PBDEs (MeO-PBDEs), hydroxylated PBDEs (HO-PBDEs) and hydroxylated PCBs (HO-PCBs) in the liver of harbor seals from the northwest Atlantic. <i>Science of the Total Environment</i> , 2014, 493, 606-614.	3.9	16
105	Gill remodeling in three freshwater teleosts in response to high environmental ammonia. <i>Aquatic Toxicology</i> , 2014, 155, 166-180.	1.9	57
106	Relating metal exposure and chemical speciation to trace metal accumulation in aquatic insects under natural field conditions. <i>Science of the Total Environment</i> , 2014, 496, 11-21.	3.9	31
107	The uptake of ZnO and CuO nanoparticles in the water-flea <i>Daphnia magna</i> under acute exposure scenarios. <i>Environmental Pollution</i> , 2014, 194, 130-137.	3.7	47
108	Mixture toxicity of copper and zinc to barley at low level effects can be described by the Biotic Ligand Model. <i>Plant and Soil</i> , 2014, 381, 131-142.	1.8	39

#	ARTICLE	IF	CITATIONS
109	The impact of metal pollution on soil faunal and microbial activity in two grassland ecosystems. <i>Environmental Research</i> , 2014, 134, 169-180.	3.7	37
110	Subcellular differences in handling Cu excess in three freshwater fish species contributes greatly to their differences in sensitivity to Cu. <i>Aquatic Toxicology</i> , 2012, 118-119, 97-107.	1.9	24
111	Selection of PCB binding phages as potential biorecognition elements for food and environmental monitoring. <i>Analytical Methods</i> , 2011, 3, 1865.	1.3	6
112	Exposure to waterborne copper reveals differences in oxidative stress response in three freshwater fish species. <i>Aquatic Toxicology</i> , 2011, 103, 112-120.	1.9	139
113	Copper toxicity in gibel carp <i>Carassius auratus gibelio</i> : Importance of sodium and glycogen. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 332-337.	1.3	18
114	Cytosolic distribution of Cd, Cu and Zn, and metallothionein levels in relation to physiological changes in gibel carp ( <i>Carassius auratus gibelio</i> ) from metal-impacted habitats. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 296-305.	2.9	33
115	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67.	4.8	98
116	Flow cytometric analysis of the cadmium-exposed green alga <i>Chlamydomonas reinhardtii</i> (Chlorophyceae). <i>European Journal of Phycology</i> , 2009, 44, 541-550.	0.9	71
117	Bioaccumulation of micropollutants and biomarker responses in caged carp ( <i>Cyprinus carpio</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 720-728.	2.9	68
118	DIFFERENTIAL METALLOTHIONEIN INDUCTION PATTERNS IN FED AND STARVED CARP ( <i>CYPRINUS CARPIO</i> ) DURING WATERBORNE COPPER EXPOSURE. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2154.	2.2	13
119	DYNAMICS OF CADMIUM ACCUMULATION AND EFFECTS IN COMMON CARP ( <i>CYPRINUS CARPIO</i> ) DURING SIMULTANEOUS EXPOSURE TO WATER AND FOOD ( <i>TUBIFEX TUBIFEX</i> ). <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1558.	2.2	60
120	Temporal and spatial trends in heavy metal concentrations in the marine mussel <i>Mytilus edulis</i> from the Western Scheldt estuary (The Netherlands). <i>Hydrobiologia</i> , 2005, 540, 169-180.	1.0	48
121	Metal accumulation and condition of transplanted zebra mussel ( <i>Dreissena polymorpha</i> ) in metal polluted rivers. <i>Aquatic Ecosystem Health and Management</i> , 2005, 8, 451-460.	0.3	7
122	Characterization of metal complexes with metallothioneins in the liver of the carp <i>Cyprinus carpio</i> by reversed-phase HPLC with ICP-MS and electrospray ionization (ESI)-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 159.	1.6	23
123	Tissue-specific Cu bioaccumulation patterns and differences in sensitivity to waterborne Cu in three freshwater fish: rainbow trout ( <i>Oncorhynchus mykiss</i> ), common carp ( <i>Cyprinus carpio</i> ), and gibel carp ( <i>Carassius auratus gibelio</i> ). <i>Aquatic Toxicology</i> , 2004, 70, 179-188.	1.9	87
124	Changes in cellular energy budget as a measure of whole effluent toxicity in zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1122-1126.	2.2	115
125	Effect of cortisol treatment and/or sublethal copper exposure on copper uptake and heat shock protein levels in common carp, <i>Cyprinus carpio</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1122-1126.	2.2	39
126	Metallothionein concentrations in natural populations of gudgeon ( <i>Gobio gobio</i> ): Relationship with metal concentrations in tissues and environment. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1548-1555.	2.2	18



#	ARTICLE	IF	CITATIONS
127	Accumulation of <sup>137</sup> Cs by larvae of the midge <i>Chironomus riparius</i> from sediment: Effect of potassium. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1589-1596.	2.2	15
128	Differential metallothionein induction patterns in three freshwater fish during sublethal copper exposure. <i>Aquatic Toxicology</i> , 2003, 65, 413-424.	1.9	132
129	A Conceptual Framework for Using Mussels as Biomonitors in Whole Effluent Toxicity. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 741-760.	1.7	71
130	Inductively coupled plasma time-of-flight mass spectrometry coupled to high-performance liquid chromatography for multi-elemental speciation analysis of metalloproteins in carp cytosols. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 79-87.	1.6	46
131	Integrated condition indices as a measure of whole effluent toxicity in zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 87-93.	2.2	46
132	Transplanted zebra mussels ( <i>Dreissena polymorpha</i> ) as active biomonitors in an effluent-dominated river. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1889-1896.	2.2	45
133	Stress Responses and Changes in Protein Metabolism in Carp <i>Cyprinus carpio</i> during Cadmium Exposure. <i>Ecotoxicology and Environmental Safety</i> , 2001, 48, 255-262.	2.9	157
134	Dynamics of (Cd,Zn)-metallothioneins in gills, liver and kidney of common carp <i>Cyprinus carpio</i> during cadmium exposure. <i>Aquatic Toxicology</i> , 2001, 52, 269-281.	1.9	112
135	A Mechanistic Model for the Uptake of Waterborne Strontium in the Common Carp ( <i>Cyprinus carpio</i> ) $T_j ETQq1 1 0,784314 \text{ } \mu\text{gBT} / \text{Ove}$	4.6	51
136	Morphological and metabolic changes in common carp, <i>Cyprinus carpio</i> , during short-term copper exposure: Interactions between $\text{Cu}^{2+}$ and plasma cortisol elevation. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 374-381.	2.2	68
137	Determination of conditional stability constants of cadmium-humic acid complexes in freshwater by use of a competitive ligand equilibration-solvent extraction technique. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 283-292.	2.2	8
138	Kinetics of waterborne strontium uptake in the common carp, <i>Cyprinus carpio</i> , at different calcium levels. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 622-630.	2.2	25
139	Bioavailability of cadmium and zinc to the common carp, <i>CYPRINUS carpio</i> , in complexing environments: A test for the validity of the free ion activity model. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2295-2304.	2.2	11
140	BIOAVAILABILITY OF CADMIUM AND ZINC TO THE COMMON CARP, CYPRINUS CARPIO, IN COMPLEXING ENVIRONMENTS: A TEST FOR THE VALIDITY OF THE FREE ION ACTIVITY MODEL. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2295.	2.2	40
141	Effects of sublethal copper exposure on muscle energy metabolism of common carp, measured by <sup>31</sup> P-nuclear magnetic resonance spectroscopy. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 676-684.	2.2	23
142	Evaluation of microwave heating digestion and graphite furnace atomic absorption spectrometry with continuum source background correction for the determination of iron, copper and cadmium in brine shrimp. <i>Journal of Analytical Atomic Spectrometry</i> , 1988, 3, 387.	1.6	125
143	Potential Future Developments in Ecotoxicology. , 0, , 337-371.		0