

# Peter G C Campbell

## 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.

215  
papers

16,695  
citations

52  
h-index

125  
g-index

220  
ext. papers

17,837  
ext. citations

5  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
215	Dissolution of Silver Nanoparticles in Stratified Estuarine Mesocosms and Silver Accumulation in a Simple Planktonic Freshwater Trophic Chain. <i>Environments - MDPI</i> , <b>2022</b> , 9, 20	3.2	
214	Aluminum increases net carbon fixation by marine diatoms and decreases their decomposition: Evidence for the iron-aluminum hypothesis. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 2712-2727	4.8	1
213	Development of Quantitative Ion Character-Activity Relationship Models to Address the Lack of Toxicological Data for Technology-Critical Elements. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 1139-1148	3.8	0
212	Optimization of a subcellular metal fractionation method for fish liver: Homogenization, subcellular separation, and metal isolation of nuclear materials. <i>Limnology and Oceanography: Methods</i> , <b>2020</b> , 18, 398-410	2.6	0
211	Unravelling Metal Speciation in the Microenvironment Surrounding Phytoplankton Cells to Improve Predictions of Metal Bioavailability. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 8177-8185	10.3	6
210	Lanthanum and Cerium Toxicity to the Freshwater Green Alga <i>Chlorella fusca</i> : Applicability of the Biotic Ligand Model. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 996-1005	3.8	8
209	Why Does Cysteine Enhance Metal Uptake by Phytoplankton in Seawater but Not in Freshwater?. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 6511-6519	10.3	3
208	Uptake and subcellular distribution of aluminum in a marine diatom. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 169, 85-92	7	7
207	Microalgal-driven pH changes in the boundary layer lead to apparent increases in Pb internalization by a unicellular alga in the presence of citrate. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, 1328-1339	4.8	7
206	Binding of trace elements (Ag, Cd, Co, Cu, Ni, and Tl) to cytosolic biomolecules in livers of juvenile yellow perch ( <i>Perca flavescens</i> ) collected from lakes representing metal contamination gradients. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 576-586	3.8	14
205	Temporal variations in kidney metal concentrations and their implications for retinoid metabolism and oxidative stress response in wild yellow perch ( <i>Perca flavescens</i> ). <i>Aquatic Toxicology</i> , <b>2018</b> , 202, 26-35	5.1	4
204	Aluminum effects on marine phytoplankton: implications for a revised Iron Hypothesis (Iron-Aluminum Hypothesis). <i>Biogeochemistry</i> , <b>2018</b> , 139, 123-137	3.8	20
203	Chemical Conditions in the Boundary Layer Surrounding Phytoplankton Cells Modify Cadmium Bioavailability. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 7988-7995	10.3	7
202	Interactions Between Silver Nanoparticles/Silver Ions and Liposomes: Evaluation of the Potential Passive Diffusion of Silver and Effects of Speciation. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2018</b> , 75, 634-646	3.2	4
201	Cytosolic Distribution of Metals (Cd, Cu) and Metalloids (As, Se) in Livers and Gonads of Field-Collected Fish Exposed to an Environmental Contamination Gradient: An SEC-ICP-MS Analysis. <i>Environments - MDPI</i> , <b>2018</b> , 5, 102	3.2	5
200	Subcellular distributions of trace elements (Cd, Pb, As, Hg, Se) in the livers of Alaskan yelloweye rockfish ( <i>Sebastes ruberrimus</i> ). <i>Environmental Pollution</i> , <b>2018</b> , 242, 63-72	9.3	12
199	Subcellular partitioning of metals and metalloids (As, Cd, Cu, Se and Zn) in liver and gonads of wild white suckers ( <i>Catostomus commersonii</i> ) collected downstream from a mining operation. <i>Aquatic Toxicology</i> , <b>2018</b> , 202, 105-116	5.1	19

198	Can freshwater phytoplankton access cadmium bound to low-molecular-weight thiols?. <i>Limnology and Oceanography</i> , <b>2017</b> , 62, 2604-2615	4.8	6
197	Effects of Non-essential Metal Releases on the Environment and Human Health <b>2016</b> , 221-252		4
196	Subcellular distribution of trace elements and liver histology of landlocked Arctic char ( <i>Salvelinus alpinus</i> ) sampled along a mercury contamination gradient. <i>Environmental Pollution</i> , <b>2016</b> , 212, 574-583	9.3	24
195	Combined effects of temperature changes and metal contamination at different levels of biological organization in yellow perch. <i>Aquatic Toxicology</i> , <b>2016</b> , 177, 324-32	5.1	16
194	When are metal complexes bioavailable?. <i>Environmental Chemistry</i> , <b>2016</b> , 13, 425	3.2	71
193	Metal (Ag, Cd, Cu, Ni, Tl, and Zn) Binding to Cytosolic Biomolecules in Field-Collected Larvae of the Insect Chaoborus. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 3247-55	10.3	6
192	Determination of the free-ion concentration of rare earth elements by an ion-exchange technique: implementation, evaluation and limits. <i>Environmental Chemistry</i> , <b>2016</b> , 13, 478	3.2	10
191	Importance de mieux connaître les mécanismes de transport des métaux pour la prédiction de l'accumulation et de la toxicité des métaux dissous chez le phytoplancton : récentes avancées et défis pour le développement du modèle du ligand biotique. <i>Revue Des Sciences De LiEau</i> , <b>2016</b> , 29, 119-147	0.2	2
190	Transcriptional response of yellow perch to changes in ambient metal concentrations-A reciprocal field transplantation experiment. <i>Aquatic Toxicology</i> , <b>2016</b> , 173, 132-142	5.1	10
189	Hepatic oxidative stress and metal subcellular partitioning are affected by selenium exposure in wild yellow perch ( <i>Perca flavescens</i> ). <i>Environmental Pollution</i> , <b>2016</b> , 214, 608-617	9.3	13
188	A comparison of metal concentrations in the tissues of yellow American eel ( <i>Anguilla rostrata</i> ) and European eel ( <i>Anguilla anguilla</i> ). <i>Science of the Total Environment</i> , <b>2016</b> , 569-570, 1435-1445	10.2	22
187	Cadmium accumulation and toxicity in the unicellular alga <i>Pseudokirchneriella subcapitata</i> : Influence of metal-binding exudates and exposure time. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 1524-32	3.8	24
186	9 Metal Detoxification in Freshwater Animals. Roles of Metallothioneins <b>2015</b> , 239-278		
185	Development of an In Situ Ion-Exchange Technique for the Determination of Free Cd, Co, Ni, and Zn Concentrations in Freshwaters. <i>Aquatic Geochemistry</i> , <b>2015</b> , 21, 259-279	1.7	12
184	Transcriptional and biochemical markers in transplanted <i>Perca flavescens</i> to characterize cadmium- and copper-induced oxidative stress in the field. <i>Aquatic Toxicology</i> , <b>2015</b> , 162, 39-53	5.1	17
183	Subcellular partitioning of non-essential trace metals (Ag, As, Cd, Ni, Pb, and Tl) in livers of American ( <i>Anguilla rostrata</i> ) and European ( <i>Anguilla anguilla</i> ) yellow eels. <i>Aquatic Toxicology</i> , <b>2015</b> , 160, 128-41	5.1	27
182	In the presence of fluoride, free $Sc^{3+}$ is not a good predictor of Sc bioaccumulation by two unicellular algae: possible role of fluoro-complexes. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 9754-61	10.3	9
181	Passive sampling methods for contaminated sediments: state of the science for metals. <i>Integrated Environmental Assessment and Management</i> , <b>2014</b> , 10, 179-96	2.5	50

180	Lead (Pb) and copper (Cu) share a common uptake transporter in the unicellular alga <i>Chlamydomonas reinhardtii</i> . <i>BioMetals</i> , <b>2014</b> , 27, 173-81	3.4	14
179	Predicting cadmium accumulation and toxicity in a green alga in the presence of varying essential element concentrations using a biotic ligand model. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1222-9	10.3	17
178	Interactions between mercury and phytoplankton: speciation, bioavailability, and internal handling. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1211-24	3.8	73
177	Waterborne cadmium and nickel impact oxidative stress responses and retinoid metabolism in yellow perch. <i>Aquatic Toxicology</i> , <b>2014</b> , 154, 207-20	5.1	25
176	Assessment of a subcellular metal partitioning protocol for aquatic invertebrates: preservation, homogenization, and subcellular fractionation. <i>Limnology and Oceanography: Methods</i> , <b>2014</b> , 12, 507-518	2.6	21
175	Temperature, oxygen, and diet modulate gene transcription and metabolic capacities in yellow perch. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2014</b> , 71, 1635-1641	2.4	12
174	Uptake and subcellular distributions of cadmium and selenium in transplanted aquatic insect larvae. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 12654-61	10.3	9
173	Evolutionary change driven by metal exposure as revealed by coding SNP genome scan in wild yellow perch ( <i>Perca flavescens</i> ). <i>Ecotoxicology</i> , <b>2013</b> , 22, 938-57	2.9	35
172	Uptake and subcellular partitioning of trivalent metals in a green alga: comparison between Al and Sc. <i>BioMetals</i> , <b>2013</b> , 26, 989-1001	3.4	8
171	How does exposure to nickel and cadmium affect the transcriptome of yellow perch ( <i>Perca flavescens</i> )--results from a 1000 candidate-gene microarray. <i>Aquatic Toxicology</i> , <b>2013</b> , 142-143, 355-64	5.1	32
170	Influence of a step-change in metal exposure (Cd, Cu, Zn) on metal accumulation and subcellular partitioning in a freshwater bivalve, <i>Pyganodon grandis</i> : a long-term transplantation experiment between lakes with contrasting ambient metal levels. <i>Aquatic Toxicology</i> , <b>2013</b> , 132-133, 73-83	5.1	18
169	The biotic ligand model can successfully predict the uptake of a trivalent ion by a unicellular alga below pH 6.50 but not above: possible role of hydroxo-species. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2408-15	10.3	41
168	Influence of humic acid on algal uptake and toxicity of ionic silver. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 8835-42	10.3	11
167	Copper and lead internalisation by freshwater microalgae at different carbonate concentrations. <i>Environmental Chemistry</i> , <b>2013</b> , 10, 80	3.2	12
166	Encyclopedia of Aquatic Ecotoxicology <b>2013</b> , 237-246		15
165	THE INFLUENCE OF pH ON ALGAL CELL MEMBRANE PERMEABILITY AND ITS IMPLICATIONS FOR THE UPTAKE OF LIPOPHILIC METAL COMPLEXES(1). <i>Journal of Phycology</i> , <b>2012</b> , 48, 293-302	3	22
164	Spatial Variation in the Optical Properties of Dissolved Organic Matter (DOM) in Lakes on the Canadian Precambrian Shield and Links to Watershed Characteristics. <i>Aquatic Geochemistry</i> , <b>2012</b> , 18, 21-44	1.7	29
163	Extending the biotic ligand model to account for positive and negative feedback interactions between cadmium and zinc in a freshwater alga. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 12129-36	10.3	37

162	Silver binding by humic acid as determined by equilibrium ion-exchange and dialysis. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 6532-9	2.8	28
161	Subcellular metal partitioning in larvae of the insect Chaoborus collected along an environmental metal exposure gradient (Cd, Cu, Ni and Zn). <i>Aquatic Toxicology</i> , <b>2012</b> , 120-121, 67-78	5.1	29
160	Evidence for metabolic imbalance of vitamin A2 in wild fish chronically exposed to metals. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 85, 88-95	7	17
159	Influence of essential elements on cadmium uptake and toxicity in a unicellular green alga: the protective effect of trace zinc and cobalt concentrations. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 1445-52	3.8	32
158	Trace metal speciation predictions in natural aquatic systems: incorporation of dissolved organic matter (DOM) spectroscopic quality. <i>Environmental Chemistry</i> , <b>2012</b> , 9, 356	3.2	36
157	UPTAKE OF LIPOPHILIC CADMIUM COMPLEXES BY THREE GREEN ALGAE: INFLUENCE OF HUMIC ACID AND ITS pH DEPENDENCE(1). <i>Journal of Phycology</i> , <b>2011</b> , 47, 784-91	3	4
156	Effects of chronic metal exposure on wild fish populations revealed by high-throughput cDNA sequencing. <i>Ecotoxicology</i> , <b>2011</b> , 20, 1388-99	2.9	53
155	Enzymatic correlates of energy status in wild yellow perch inhabiting clean and contaminated environments. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2148-56	3.8	8
154	Acidification increases mercury uptake by a freshwater alga, Chlamydomonas reinhardtii. <i>Environmental Chemistry</i> , <b>2011</b> , 8, 612	3.2	21
153	Subcellular partitioning of cadmium in the freshwater bivalve, Pyganodon grandis, after separate short-term exposures to waterborne or diet-borne metal. <i>Aquatic Toxicology</i> , <b>2010</b> , 100, 303-12	5.1	37
152	Responses of two sentinel species (Hexagenia limbata--mayfly; Pyganodon grandis--bivalve) along spatial cadmium gradients in lakes and rivers in northwestern Quebec. <i>Journal of Environmental Monitoring</i> , <b>2010</b> , 12, 143-58		7
151	Modeling cadmium uptake from water and food by the freshwater bivalve Pyganodon grandis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2010</b> , 67, 1874-1888	2.4	8
150	Determination of Free Cd, Cu and Zn Concentrations in Lake Waters by In Situ Diffusion Followed by Column Equilibration Ion-exchange. <i>Aquatic Geochemistry</i> , <b>2010</b> , 16, 151-172	1.7	40
149	The clearwater consensus: the estimation of metal hazard in fresh water. <i>International Journal of Life Cycle Assessment</i> , <b>2010</b> , 15, 143-147	4.6	43
148	Transcriptional responses to environmental metal exposure in wild yellow perch (Perca flavescens) collected in lakes with differing environmental metal concentrations (Cd, Cu, Ni). <i>Ecotoxicology</i> , <b>2009</b> , 18, 620-31	2.9	56
147	Uptake of hydrophobic metal complexes by three freshwater algae: unexpected influence of pH. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 3308-14	10.3	26
146	Condition and pyloric caeca as indicators of food web effects in fish living in metal-contaminated lakes. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 2066-74	7	10
145	Cadmium detoxification strategies in two phytoplankton species: metal binding by newly synthesized thiolated peptides and metal sequestration in granules. <i>Aquatic Toxicology</i> , <b>2009</b> , 92, 65-75	5.1	98

144	Cell homogenization and subcellular fractionation in two phytoplanktonic algae: implications for the assessment of metal subcellular distributions. <i>Limnology and Oceanography: Methods</i> , <b>2009</b> , 7, 277-286	2.6	28
143	9: Metal Detoxification in Freshwater Animals. Roles of Metallothioneins. <i>Metal Ions in Life Sciences</i> , <b>2009</b> , 239-277		9
142	Physiological correlates of growth and condition in the yellow perch ( <i>Perca flavescens</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2008</b> , 151, 526-32	3.6	32
141	Modeling cadmium accumulation in indigenous yellow perch ( <i>Perca flavescens</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2008</b> , 65, 1623-1634	2.4	10
140	Direct and Indirect (Foodweb Mediated) Effects of Metal Exposure on the Growth of Yellow Perch ( <i>Perca flavescens</i> ): Implications for Ecological Risk Assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2008</b> , 14, 317-350	4.9	36
139	Evolutionary ecotoxicology of wild yellow perch ( <i>Perca flavescens</i> ) populations chronically exposed to a polymetallic gradient. <i>Aquatic Toxicology</i> , <b>2008</b> , 86, 76-90	5.1	54
138	Subcellular Distribution of Cadmium and Nickel in Chronically Exposed Wild Fish: Inferences Regarding Metal Detoxification Strategies and Implications for Setting Water Quality Guidelines for Dissolved Metals. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2008</b> , 14, 290-316	4.9	40
137	L'écotoxicologie aquatique - comparaison entre les micropolluants organiques et les métaux: constats actuels et défis pour l'avenir. <i>Revue Des Sciences De L'Eau</i> , <b>2008</b> , 21, 173-197	0.2	1
136	Biological and chemical redox transformations of mercury in fresh and salt waters of the high arctic during spring and summer. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 1883-8	10.3	42
135	Critical loads of metals and other trace elements to terrestrial environments. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 6326-31	10.3	34
134	Interactions of hydrophobic metal complexes and their constituents with aquatic humic substances. <i>Environmental Chemistry</i> , <b>2007</b> , 4, 323	3.2	4
133	Potential for mercury reduction by microbes in the high arctic. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 2230-8	4.8	80
132	pH modulates transport rates of manganese and cadmium in the green alga <i>Chlamydomonas reinhardtii</i> through non-competitive interactions: implications for an algal BLM. <i>Aquatic Toxicology</i> , <b>2007</b> , 84, 123-32	5.1	50
131	Mercury distribution, partitioning and speciation in coastal vs. inland High Arctic snow. <i>Geochimica Et Cosmochimica Acta</i> , <b>2007</b> , 71, 3419-3431	5.5	49
130	Long-term trends in accumulated metals (Cd, Cu and Zn) and metallothionein in bivalves from lakes within a smelter-impacted region. <i>Science of the Total Environment</i> , <b>2006</b> , 369, 403-18	10.2	34
129	Cadmium - A Priority Pollutant. <i>Environmental Chemistry</i> , <b>2006</b> , 3, 387	3.2	77
128	A field study examining the relative importance of food and water as sources of cadmium for juvenile yellow perch ( <i>Perca flavescens</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2006</b> , 63, 549-557	2.4	18
127	Sub-cellular partitioning of cadmium, copper, nickel and zinc in indigenous yellow perch ( <i>Perca flavescens</i> ) sampled along a polymetallic gradient. <i>Aquatic Toxicology</i> , <b>2006</b> , 77, 178-89	5.1	111

126	Toxicity of silver to two freshwater algae, <i>Chlamydomonas reinhardtii</i> and <i>Pseudokirchneriella sub-capitata</i> , grown under continuous culture conditions: influence of thiosulphate. <i>Aquatic Toxicology</i> , <b>2006</b> , 78, 136-48	5.1	68
125	Linking changes in subcellular cadmium distribution to growth and mortality rates in transplanted freshwater bivalves ( <i>Pyganodon grandis</i> ). <i>Aquatic Toxicology</i> , <b>2006</b> , 79, 87-98	5.1	36
124	Seasonal variations in hepatic Cd and Cu concentrations and in the sub-cellular distribution of these metals in juvenile yellow perch ( <i>Perca flavescens</i> ). <i>Environmental Pollution</i> , <b>2006</b> , 142, 313-25	9.3	38
123	Exchange rates of cadmium between a burrowing mayfly and its surroundings in nature. <i>Limnology and Oceanography</i> , <b>2005</b> , 50, 1707-1717	4.8	14
122	Disruption of the hypothalamo-pituitary-interrenal axis in 1+ yellow perch ( <i>Perca flavescens</i> ) chronically exposed to metals in the environment. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2005</b> , 62, 982-990	2.4	27
121	Metal bioaccumulation and oxidative stress in yellow perch ( <i>Perca flavescens</i> ) collected from eight lakes along a metal contamination gradient (Cd, Cu, Zn, Ni). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2005</b> , 62, 563-577	2.4	51
120	Sub-cellular partitioning of Cd, Cu and Zn in tissues of indigenous unionid bivalves living along a metal exposure gradient and links to metal-induced effects. <i>Environmental Pollution</i> , <b>2005</b> , 135, 195-208	9.3	68
119	Dynamics of Cd, Cu and Zn accumulation in organs and sub-cellular fractions in field transplanted juvenile yellow perch ( <i>Perca flavescens</i> ). <i>Environmental Pollution</i> , <b>2005</b> , 138, 324-37	9.3	88
118	Phytoremediation of effluents from aluminum smelters: a study of Al retention in mesocosms containing aquatic plants. <i>Water Research</i> , <b>2005</b> , 39, 2291-300	12.5	29
117	Cadmium-handling strategies in two chronically exposed indigenous freshwater organisms--the yellow perch ( <i>Perca flavescens</i> ) and the floater mollusc ( <i>Pyganodon grandis</i> ). <i>Aquatic Toxicology</i> , <b>2005</b> , 72, 83-97	5.1	88
116	Sub-cellular partitioning of metals (Cd, Cu, Zn) in the gills of a freshwater bivalve, <i>Pyganodon grandis</i> : role of calcium concretions in metal sequestration. <i>Aquatic Toxicology</i> , <b>2005</b> , 71, 319-34	5.1	58
115	Contrasting effects of chloride on the toxicity of silver to two green algae, <i>Pseudokirchneriella subcapitata</i> and <i>Chlamydomonas reinhardtii</i> . <i>Aquatic Toxicology</i> , <b>2005</b> , 75, 127-35	5.1	78
114	A field study examining metal elimination kinetics in juvenile yellow perch ( <i>Perca flavescens</i> ). <i>Aquatic Toxicology</i> , <b>2005</b> , 75, 108-26	5.1	29
113	GROWTH STIMULATION OF ALEXANDRIUM TAMARENSE (DINOPHYCEAE) BY HUMIC SUBSTANCES FROM THE MANICOUAGAN RIVER (EASTERN CANADA) <sup>1</sup> . <i>Journal of Phycology</i> , <b>2005</b> , 41, 489-497	3	38
112	UPTAKE OF CADMIUM BY FRESHWATER GREEN ALGAE: EFFECTS OF PH AND AQUATIC HUMIC SUBSTANCES <sup>1</sup> . <i>Journal of Phycology</i> , <b>2005</b> , 41, 55-61	3	60
111	Hydroponic Study of Aluminum Accumulation by Aquatic Plants: Effects of Fluoride and pH. <i>Water, Air, and Soil Pollution</i> , <b>2004</b> , 153, 135-155	2.6	33
110	Influence of chloride on silver uptake by two green algae, <i>Pseudokirchneriella subcapitata</i> and <i>Chlorella pyrenoidosa</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2004</b> , 23, 1012-8	3.8	24
109	Cadmium uptake in rat hepatocytes in relation to speciation and to complexation with metallothionein and albumin. <i>Journal of Cellular Physiology</i> , <b>2004</b> , 201, 320-30	7	14

108	Influence of lake chemistry and fish age on cadmium, copper, and zinc concentrations in various organs of indigenous yellow perch ( <i>Perca flavescens</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2004</b> , 61, 1702-1716	2.4	84
107	Metal-induced stress in bivalves living along a gradient of Cd contamination: relating sub-cellular metal distribution to population-level responses. <i>Aquatic Toxicology</i> , <b>2004</b> , 69, 327-45	5.1	52
106	Uptake of Neutral Metal Complexes by a Green Alga: Influence of pH and Humic Substances. <i>Australian Journal of Chemistry</i> , <b>2004</b> , 57, 931	1.2	21
105	Different transport mechanisms for cadmium and mercury in Caco-2 cells: inhibition of Cd uptake by Hg without evidence for reciprocal effects. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 189, 56-67	4.6	20
104	Differentiating Between Direct (Physiological) and Food-Chain Mediated (Bioenergetic) Effects on Fish in Metal-Impacted Lakes. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2003</b> , 9, 847-866	4.9	57
103	Steady-state distribution of metals among metallothionein and other cytosolic ligands and links to cytotoxicity in bivalves living along a polymetallic gradient. <i>Aquatic Toxicology</i> , <b>2003</b> , 64, 185-200	5.1	116
102	Hormonal, morphological, and physiological responses of yellow perch ( <i>Perca flavescens</i> ) to chronic environmental metal exposures. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 657-76	3.2	14
101	Metallothionein-like metal-binding protein in the biomonitor Chaoborus: Occurrence and relationship to ambient metal concentrations in lakes. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 737-741	3.8	21
100	Metal bioavailability to phytoplankton--applicability of the biotic ligand model. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2002</b> , 133, 189-206	3.2	92
99	The biotic ligand model: a historical overview. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2002</b> , 133, 3-35	3.2	235
98	Seasonal variation in carbohydrate and lipid metabolism of yellow perch ( <i>Perca flavescens</i> ) chronically exposed to metals in the field. <i>Aquatic Toxicology</i> , <b>2002</b> , 60, 257-67	5.1	151
97	Cadmium accumulation and metallothionein synthesis in freshwater bivalves ( <i>Pyganodon grandis</i> ): relative influence of the metal exposure gradient versus limnological variability. <i>Environmental Pollution</i> , <b>2002</b> , 118, 5-17	9.3	59
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