

# Ludek Blaha

## 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.

192  
papers

6,472  
citations

39  
h-index

74  
g-index

206  
ext. papers

7,290  
ext. citations

5  
avg, IF

5.6  
L-index

#	Paper	IF	Citations
192	Treatment of cylindrospermopsin by hydroxyl and sulfate radicals: Does degradation equal detoxification?. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127447	12.8	2
191	Innovative electrochemical biosensor for toxicological investigations on algae and cyanobacteria. <i>Bioelectrochemistry</i> , <b>2022</b> , 143, 107926	5.6	1
190	The effectiveness of widely used disinfectants in removing contamination with cytotoxic drugs. <i>Hygiena</i> , <b>2022</b> , 67, 20-27	0.2	
189	Levels and risks of surface contamination by thirteen antineoplastic drugs in the Czech and Slovak hospitals and pharmacies. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	1
188	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 4314	4.8	2
187	Microbiome Composition and Function in Aquatic Vertebrates: Small Organisms Making Big Impacts on Aquatic Animal Health. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 567408	5.7	26
186	The efficiency of antineoplastic drug contamination removal by widely used disinfectants-laboratory and hospital studies. <i>International Archives of Occupational and Environmental Health</i> , <b>2021</b> , 94, 1687-1702	3.2	4
185	Flame Retardants-Mediated Interferon Signaling in the Pathogenesis of Nonalcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
184	Pesticide mixture toxicity assessment through in situ and laboratory approaches using embryo-larval stages of the pacific oyster ( <i>Magallana gigas</i> ). <i>Marine Environmental Research</i> , <b>2021</b> , 169, 105390	3.3	1
183	Comparison of imidacloprid, propiconazole, and nanopropiconazole effects on the development, behavior, and gene expression biomarkers of the Pacific oyster ( <i>Magallana gigas</i> ). <i>Science of the Total Environment</i> , <b>2021</b> , 764, 142921	10.2	4
182	Synthetic Biomimetic Polymethacrylates: Promising Platform for the Design of Anti-Cyanobacterial and Anti-Algal Agents. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
181	Endocrine disrupting potential of replacement flame retardants - Review of current knowledge for nuclear receptors associated with reproductive outcomes. <i>Environment International</i> , <b>2021</b> , 153, 106550	12.9	3
180	Occurrence of cylindrospermopsin, anatoxin-a and their homologs in the southern Czech Republic - Taxonomical, analytical, and molecular approaches. <i>Harmful Algae</i> , <b>2021</b> , 108, 102101	5.3	2
179	Instrumental and bioanalytical assessment of pharmaceuticals and hormone-like compounds in a major drinking water source-wastewater receiving Zayandeh Rood river, Iran. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	1
178	Estrogenicity of chemical mixtures revealed by a panel of bioassays. <i>Science of the Total Environment</i> , <b>2021</b> , 785, 147284	10.2	6
177	An adverse outcome pathway based in vitro characterization of novel flame retardants-induced hepatic steatosis. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117855	9.3	8
176	The exposome and toxicology: a win-win collaboration. <i>Toxicological Sciences</i> , <b>2021</b> ,	4.4	2

175	Antifouling performance of photocatalytic superhydrophobic coatings against Klebsormidium alga. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104153	6.8	6
174	Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos. <i>Aquatic Toxicology</i> , <b>2020</b> , 221, 105444	5.1	10
173	Advanced oxidation processes for the removal of cyanobacterial toxins from drinking water. <i>Environmental Sciences Europe</i> , <b>2020</b> , 32,	5	8
172	Ecotoxicology of Environmental Pollutants. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , <b>2020</b> , 549-572	0.5	
171	Hospitals and Pharmacies as Sources of Contamination by Cytostatic Pharmaceuticals: Long-Term Monitoring in the Czech Republic <b>2020</b> , 57-70		3
170	The effects of nano-sized PbO on biomarkers of membrane disruption and DNA damage in a sub-chronic inhalation study on mice. <i>Nanotoxicology</i> , <b>2020</b> , 14, 214-231	5.3	9
169	Cylindrospermopsin is effectively degraded in water by pulsed corona-like and dielectric barrier discharges. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115423	9.3	6
168	Ready to go 3D? A semi-automated protocol for microwell spheroid arrays to increase scalability and throughput of 3D cell culture testing. <i>Toxicology Mechanisms and Methods</i> , <b>2020</b> , 30, 590-604	3.6	4
167	Dietary Intake of Acrylamide and Risk of Breast, Endometrial, and Ovarian Cancers: A Systematic Review and Dose-Response Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 1095-1106	4	34
166	Prioritization of hazards of novel flame retardants using the mechanistic toxicology information from ToxCast and Adverse Outcome Pathways. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	20
165	Cell-based data to predict the toxicity of chemicals to fish. Commentary on the manuscript by Rodrigues et al., 2019. Cell-based assays seem not to accurately predict fish short-term toxicity of pesticides. <i>Environmental Pollution</i> 252:476-482. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113060	9.3	1
164	Cylindrospermopsin induces cellular stress and activation of ERK1/2 and p38 MAPK pathways in adult human liver stem cells. <i>Chemosphere</i> , <b>2019</b> , 227, 43-52	8.4	6
163	Repeatability and Reproducibility of the RTgill-W1 Cell Line Assay for Predicting Fish Acute Toxicity. <i>Toxicological Sciences</i> , <b>2019</b> , 169, 353-364	4.4	19
162	Immunomodulatory effects of cyanobacterial toxin cylindrospermopsin on innate immune cells. <i>Chemosphere</i> , <b>2019</b> , 226, 439-446	8.4	16
161	Climate finance and green growth: reconsidering climate-related institutions, investments, and priorities in Nepal. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	15
160	Freshwater ecosystems profit from activated carbon-based wastewater treatment across various levels of biological organisation in a short timeframe. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	9
159	Freshwater Cyanotoxin Cylindrospermopsin Has Detrimental Stage-specific Effects on Hepatic Differentiation From Human Embryonic Stem Cells. <i>Toxicological Sciences</i> , <b>2019</b> , 168, 241-251	4.4	4
158	Immunomodulatory effects of selected cyanobacterial peptides in vitro. <i>Toxicon</i> , <b>2018</b> , 149, 20-25	2.8	7

157	Tumor-promoting cyanotoxin microcystin-LR does not induce procarcinogenic events in adult human liver stem cells. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 345, 103-113	4.6	12
156	Assessment of Hepatotoxic Potential of Cyanobacterial Toxins Using 3D In Vitro Model of Adult Human Liver Stem Cells. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 10078-10088	10.3	14
155	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , <b>2018</b> , 10,	4.9	109
154	Acute and (sub)chronic toxicity of the neonicotinoid imidacloprid on <i>Chironomus riparius</i> . <i>Chemosphere</i> , <b>2018</b> , 209, 568-577	8.4	24
153	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , <b>2018</b> , 5, 180226	8.2	15
152	In vitro assessment of sex steroids and related compounds in water and sediments - a critical review. <i>Environmental Sciences: Processes and Impacts</i> , <b>2018</b> , 20, 270-287	4.3	7
151	Macromol. Biosci. 10/2018. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, 1870027	5.5	
150	Branched Poly(ethylene imine)s as Anti-algal and Anti-cyanobacterial Agents with Selective Flocculation Behavior to Cyanobacteria over Algae. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800187	5.5	4
149	Identification of algal growth inhibitors in treated waste water using effect-directed analysis based on non-target screening techniques. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 358, 494-502	12.8	16
148	Other Cyanobacterial Bioactive Substances <b>2017</b> , 179-195		1
147	Bioassay Use in the Field of Toxic Cyanobacteria <b>2017</b> , 272-279		1
146	Extraction of Microcystins from Animal Tissues <b>2017</b> , 358-361		1
145	Analysis of Microcystins in Animal Tissues Using LC-MS/MS <b>2017</b> , 385-389		
144	Extraction, Purification, and Testing of LPS from Cyanobacterial Samples <b>2017</b> , 447-451		1
143	Assessment of non-derivatized N-methylamino-L-alanine (BMAA) neurotoxin in free form in urine of patients with nonspecific neurological symptoms. <i>Toxicon</i> , <b>2017</b> , 133, 48-57	2.8	7
142	European demonstration program on the effect-based and chemical identification and monitoring of organic pollutants in European surface waters. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 1849-1868	10.2	106
141	Critical assessment of the research outcomes of European birth cohorts: linking environmental factors with non-communicable diseases. <i>Public Health</i> , <b>2017</b> , 145, 136-145	4	7
140	Phytoestrogens and sterols in waters with cyanobacterial blooms - Analytical methods and estrogenic potencies. <i>Chemosphere</i> , <b>2017</b> , 170, 104-112	8.4	24

139	Toxic cyanobacteria and cyanotoxins in European waters Recent progress achieved through the CYANOCOST Action and challenges for further research. <i>Advances in Oceanography and Limnology</i> , <b>2017</b> , 8,	1.3	39
138	Chlorination and ozonation reduce microcystin content and tumour promoting activity of complex cyanobacterial extract. <i>Advances in Oceanography and Limnology</i> , <b>2017</b> , 8,	1.3	4
137	Rapid in situ toxicity testing with luminescent bacteria <i>Photobacterium luminescens</i> and <i>Vibrio fischeri</i> adapted to a small portable luminometer. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 3748-3758	5.1	8
136	Drinking water contaminants from epoxy resin-coated pipes: A field study. <i>Water Research</i> , <b>2016</b> , 103, 133-140	12.5	37
135	Teratogenic effects of five anticancer drugs on <i>Xenopus laevis</i> embryos. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 133, 90-6	7	17
134	Reduction of dioxin-like toxicity in effluents by additional wastewater treatment and related effects in fish. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 132, 47-58	7	12
133	Metallothionein modulation in relation to cadmium bioaccumulation and age-dependent sensitivity of <i>Chironomus riparius</i> larvae. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 10504-10513	5.1	12
132	Yeast Biosensors for Detection of Environmental Pollutants: Current State and Limitations. <i>Trends in Biotechnology</i> , <b>2016</b> , 34, 408-419	15.1	54
131	Bioluminescent Assays in the Assessment of Seasonal and Spatial Patterns in Toxicity of Contaminated River Sediments. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1738	5.7	30
130	Phytoestrogens in milk: Overestimations caused by contamination of the hydrolytic enzyme used during sample extraction. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 6973-6982	4	10
129	Can zero-valent iron nanoparticles remove waterborne estrogens?. <i>Journal of Environmental Management</i> , <b>2015</b> , 150, 387-392	7.9	21
128	Assessment of silver nanoparticle toxicity for common carp ( <i>Cyprinus carpio</i> ) fish embryos using a novel method controlling the agglomeration in the aquatic media. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 19124-32	5.1	11
127	Immunomodulatory Potency of Microcystin, an Important Water-Polluting Cyanobacterial Toxin. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 12457-64	10.3	43
126	Effects of enrofloxacin, ciprofloxacin, and trimethoprim on two generations of <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 113, 152-8	7	34
125	Biological plausibility as a tool to associate analytical data for micropollutants and effect potentials in wastewater, surface water, and sediments with effects in fishes. <i>Water Research</i> , <b>2015</b> , 72, 127-44	12.5	26
124	Toxic effects of metals on two euryhaline ciliate species adapted to variable salinities. <i>Biologia (Poland)</i> , <b>2015</b> , 70, 486-494	1.5	1
123	Dioxins and dioxin-like compounds in composts and digestates from European countries as determined by the in vitro bioassay and chemical analysis. <i>Chemosphere</i> , <b>2015</b> , 122, 168-175	8.4	12
122	Effect of arsenic and cyanobacterial co-exposure on pathological, haematological and immunological parameters of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Neuroendocrinology Letters</i> , <b>2015</b> , 36 Suppl 1, 57-63	0.3	1

121	What level of estrogenic activity determined by in vitro assays in municipal waste waters can be considered as safe?. <i>Environment International</i> , <b>2014</b> , 64, 98-109	12.9	110
120	Acute, chronic and reproductive toxicity of complex cyanobacterial blooms in <i>Daphnia magna</i> and the role of microcystins. <i>Toxicon</i> , <b>2014</b> , 79, 11-8	2.8	34
119	Simultaneous determination of reduced and oxidized glutathione in tissues by a novel liquid chromatography-mass spectrometry method: application in an inhalation study of Cd nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 5867-76	4.4	16
118	Novel rapid in vitro cytotoxicity test on mammalian cells based on an electrochemical measuring method. <i>Journal of Applied Electrochemistry</i> , <b>2014</b> , 44, 935-943	2.6	3
117	Association of surface contamination by antineoplastic drugs with different working conditions in hospital pharmacies. <i>Archives of Environmental and Occupational Health</i> , <b>2014</b> , 69, 148-58	2	18
116	Do predictions from Species Sensitivity Distributions match with field data?. <i>Environmental Pollution</i> , <b>2014</b> , 189, 126-33	9.3	38
115	Europe-wide survey of estrogenicity in wastewater treatment plant effluents: the need for the effect-based monitoring. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 10970-82	5.1	47
114	Are in vitro methods for the detection of endocrine potentials in the aquatic environment predictive for in vivo effects? Outcomes of the Projects SchussenAktiv and SchussenAktivplus in the Lake Constance Area, Germany. <i>PLoS ONE</i> , <b>2014</b> , 9, e98307	3.7	28
113	Mixtures of chemical pollutants at European legislation safety concentrations: how safe are they?. <i>Toxicological Sciences</i> , <b>2014</b> , 141, 218-33	4.4	95
112	Expert opinion on toxicity profiling--report from a NORMAN expert group meeting. <i>Integrated Environmental Assessment and Management</i> , <b>2013</b> , 9, 185-91	2.5	27
111	Validation of the species sensitivity distribution in retrospective risk assessment of herbicides at the river basin scale-the Scheldt river basin case study. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 6070-84	5.1	16
110	In vivo effects of microcystins and complex cyanobacterial biomass on rats ( <i>Rattus norvegicus</i> var. alba): changes in immunological and haematological parameters. <i>Toxicon</i> , <b>2013</b> , 73, 1-8	2.8	7
109	SchussenAktivplus: reduction of micropollutants and of potentially pathogenic bacteria for further water quality improvement of the river Schussen, a tributary of Lake Constance, Germany. <i>Environmental Sciences Europe</i> , <b>2013</b> , 25,	5	22
108	Concentrations of microcystins in tissues of several fish species from freshwater reservoirs and ponds. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 9717-27	3.1	7
107	The isolation and characterization of lipopolysaccharides from <i>Microcystis aeruginosa</i> , a prominent toxic water bloom forming cyanobacteria. <i>Toxicon</i> , <b>2013</b> , 76, 187-96	2.8	20
106	EU-wide monitoring survey on emerging polar organic contaminants in wastewater treatment plant effluents. <i>Water Research</i> , <b>2013</b> , 47, 6475-87	12.5	746
105	A European perspective on alternatives to animal testing for environmental hazard identification and risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , <b>2013</b> , 67, 506-30	3.4	121
104	Estrogen-, androgen- and aryl hydrocarbon receptor mediated activities in passive and composite samples from municipal waste and surface waters. <i>Environment International</i> , <b>2013</b> , 59, 372-83	12.9	53

103	Novel metabolites in cyanobacterium <i>Cylindrospermopsis raciborskii</i> with potencies to inhibit gap junctional intercellular communication. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 571-9	12.8	9
102	Evaluation of the efficacy of additional measures introduced for the protection of healthcare personnel handling antineoplastic drugs. <i>Annals of Occupational Hygiene</i> , <b>2013</b> , 57, 240-50		18
101	Biochemical and histopathological responses of Wistar rats to oral intake of microcystins and cyanobacterial biomass. <i>Neuroendocrinology Letters</i> , <b>2013</b> , 34 Suppl 2, 11-20	0.3	3
100	Fish tapeworm <i>Khawia sinensis</i> : an indicator of environmental microcystins?. <i>Neuroendocrinology Letters</i> , <b>2013</b> , 34 Suppl 2, 21-4	0.3	1
99	POCIS sampling in combination with ELISA: screening of sulfonamide residues in surface and waste waters. <i>Journal of Environmental Monitoring</i> , <b>2012</b> , 14, 250-7		13
98	Estrogenic activity in extracts and exudates of cyanobacteria and green algae. <i>Environment International</i> , <b>2012</b> , 39, 134-40	12.9	41
97	Changes in concentrations of hydrophilic organic contaminants and of endocrine-disrupting potential downstream of small communities located adjacent to headwaters. <i>Environment International</i> , <b>2012</b> , 45, 22-31	12.9	29
96	Oxidative stress and detoxification biomarker responses in aquatic freshwater vertebrates exposed to microcystins and cyanobacterial biomass. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 2024-37	5.1	45
95	Enantioselective effects of alpha-hexachlorocyclohexane (HCH) isomers on androgen receptor activity in vitro. <i>Chemosphere</i> , <b>2012</b> , 86, 65-9	8.4	16
94	Tumor promoting effects of cyanobacterial extracts are potentiated by anthropogenic contaminants--evidence from in vitro study. <i>Chemosphere</i> , <b>2012</b> , 89, 30-7	8.4	10
93	In vitro modulation of intracellular receptor signaling and cytotoxicity induced by extracts of cyanobacteria, complex water blooms and their fractions. <i>Aquatic Toxicology</i> , <b>2011</b> , 105, 497-507	5.1	24
92	Teratogenicity and embryotoxicity in aquatic organisms after pesticide exposure and the role of oxidative stress. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2011</b> , 211, 25-61	3.5	23
91	Modulation of gap-junctional intercellular communication by a series of cyanobacterial samples from nature and laboratory cultures. <i>Toxicol</i> , <b>2011</b> , 58, 76-84	2.8	17
90	Can cyanobacterial biomass applied to soil affect survival and reproduction of springtail <i>Folsomia candida</i> ?. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 840-3	7	2
89	The effects of PAHs and N-PAHs on retinoid signaling and Oct-4 expression in vitro. <i>Toxicology Letters</i> , <b>2011</b> , 200, 169-75	4.4	19
88	Determination of atrazine in surface waters by combination of POCIS passive sampling and ELISA detection. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 2582-7		17
87	Accumulation of microcystins in Nile tilapia, <i>Oreochromis niloticus</i> L., and effects of a complex cyanobacterial bloom on the dietetic quality of muscles. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2011</b> , 87, 26-30	2.7	12
86	Effects of microcystin and complex cyanobacterial samples on the growth and oxidative stress parameters in green alga <i>Pseudokirchneriella subcapitata</i> and comparison with the model oxidative stressor--herbicide paraquat. <i>Environmental Toxicology</i> , <b>2011</b> , 26, 641-8	4.2	23

85	Complex evaluation of ecotoxicity and genotoxicity of antimicrobials oxytetracycline and flumequine used in aquaculture. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 1184-9	3.8	45
84	Utilization of the solid sorbent media in monitoring of airborne cyclophosphamide concentrations and the implications for occupational hygiene. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 1480-7		13
83	Wastewater canal Vojlovica, industrial complex Pancevo, Serbia: Preliminary ecotoxicological assessment of contaminated sediment. <i>Journal of the Serbian Chemical Society</i> , <b>2011</b> , 76, 459-478	0.9	5
82	Screening Assessment of Cyanobacterial Embryotoxicity to Japanese Medaka, <i>Oryzias Latipes</i> (Actinopterygii: Beloniformes: Adrianichthyidae). <i>Acta Ichthyologica Et Piscatoria</i> , <b>2011</b> , 41, 293-299	1.8	4
81	CETOCOEN Project: From the Laboratory to the Field and Beyond. <i>IFIP Advances in Information and Communication Technology</i> , <b>2011</b> , 491-499	0.5	
80	In vitro evaluation of the permeation of cytotoxic drugs through reconstructed human epidermis and oral epithelium. <i>Klinicka Onkologie</i> , <b>2011</b> , 24, 195-202	2	5
79	The effect of peroral administration of toxic cyanobacteria on laboratory rats ( <i>Rattus norvegicus</i> var. alba). <i>Neuroendocrinology Letters</i> , <b>2011</b> , 32 Suppl 1, 35-45	0.3	1
78	Temporal and spatial variability of cyanobacterial toxins microcystins in three interconnected freshwater reservoirs. <i>Journal of the Serbian Chemical Society</i> , <b>2010</b> , 75, 1303-1312	0.9	14
77	Mitochondrial toxicity of microcystin-LR on cultured cells: application to the analysis of contaminated water samples. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 2535-41	10.3	22
76	Inhibition of gap-junctional intercellular communication and activation of mitogen-activated protein kinases by cyanobacterial extracts--indications of novel tumor-promoting cyanotoxins?. <i>Toxicon</i> , <b>2010</b> , 55, 126-34	2.8	19
75	Pan-European survey on the occurrence of selected polar organic persistent pollutants in ground water. <i>Water Research</i> , <b>2010</b> , 44, 4115-26	12.5	614
74	Evaluation of the novel passive sampler for cyanobacterial toxins microcystins under various conditions including field sampling. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 397, 823-8	4.4	17
73	LC-MS analyses of microcystins in fish tissues overestimate toxin levels-critical comparison with LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 398, 1231-7	4.4	22
72	Chronic toxicity of contaminated sediments on reproduction and histopathology of the crustacean <i>Gammarus fossarum</i> and relationship with the chemical contamination and in vitro effects. <i>Journal of Soils and Sediments</i> , <b>2010</b> , 10, 423-433	3.4	12
71	Ecotoxicity and genotoxicity assessment of cytotoxic antineoplastic drugs and their metabolites. <i>Chemosphere</i> , <b>2010</b> , 81, 253-60	8.4	96
70	Kinetic bacterial bioluminescence assay for contact sediment toxicity testing: relationships with the matrix composition and contamination. <i>Environmental Toxicology and Chemistry</i> , <b>2010</b> , 29, 507-14	3.8	15
69	Toxins produced in cyanobacterial water blooms - toxicity and risks. <i>Interdisciplinary Toxicology</i> , <b>2009</b> , 2, 36-41	2.3	162
68	Biochemical parameters of blood plasma and content of microcystins in tissues of common carp ( <i>Cyprinus carpio</i> L.) from a hypertrophic pond with cyanobacterial water bloom. <i>Aquaculture Research</i> , <b>2009</b> , 40, 1683-1693	1.9	16



67	The first occurrence of the cyanobacterial alkaloid toxin cylindrospermopsin in the Czech Republic as determined by immunochemical and LC/MS methods. <i>Toxicon</i> , <b>2009</b> , 53, 519-24	2.8	83
66	Tumor promoting properties of a cigarette smoke prevalent polycyclic aromatic hydrocarbon as indicated by the inhibition of gap junctional intercellular communication via phosphatidylcholine-specific phospholipase C. <i>Cancer Science</i> , <b>2008</b> , 99, 696-705	6.9	47
65	Endocrine effects of contaminated sediments on the freshwater snail <i>Potamopyrgus antipodarum</i> in vivo and in the cell bioassays in vitro. <i>Aquatic Toxicology</i> , <b>2008</b> , 89, 172-9	5.1	26
64	Interference of PAHs and their N-heterocyclic analogs with signaling of retinoids in vitro. <i>Toxicology in Vitro</i> , <b>2008</b> , 22, 1909-17	3.6	16
63	A novel approach for monitoring of cyanobacterial toxins: development and evaluation of the passive sampler for microcystins. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 390, 1167-72	4.4	26
62	Analyses of cyanobacterial toxins (microcystins, cylindrospermopsin) in the reservoirs of the Czech Republic and evaluation of health risks. <i>Environmental Chemistry Letters</i> , <b>2008</b> , 6, 223-227	13.3	55
61	Isolation and endotoxin activities of lipopolysaccharides from cyanobacterial cultures and complex water blooms and comparison with the effects of heterotrophic bacteria and green alga. <i>Journal of Applied Toxicology</i> , <b>2008</b> , 28, 72-7	4.1	33
60	Selected endocrine disrupting compounds (vinclozolin, flutamide, ketoconazole and dicofol): effects on survival, occurrence of males, growth, molting and reproduction of <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , <b>2008</b> , 15, 222-7	5.1	54
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