

# Ludek Blaha

## List of Publications by Year in descending order

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Version: 2024-02-01

194  
papers

8,156  
citations

57758

44  
h-index

58581

82  
g-index

206  
all docs

206  
docs citations

206  
times ranked

9878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Instrumental and bioanalytical assessment of pharmaceuticals and hormone-like compounds in a major drinking water sourceâ€”wastewater receiving Zayandeh Rood river, Iran. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9023-9037.	5.3	9
2	Innovative electrochemical biosensor for toxicological investigations on algae and cyanobacteria. <i>Bioelectrochemistry</i> , 2022, 143, 107926.	4.6	6
3	Treatment of cylindrospermopsin by hydroxyl and sulfate radicals: Does degradation equal detoxification?. <i>Journal of Hazardous Materials</i> , 2022, 424, 127447.	12.4	6
4	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> , 2022, 29, 26810-26819.	5.3	4
5	The effectiveness of widely used disinfectants in removing contamination with cytotoxic drugs. <i>Hygiena</i> , 2022, 67, 20-27.	0.1	0
6	The Exposome and Toxicology: A Winâ€”Win Collaboration. <i>Toxicological Sciences</i> , 2022, 186, 1-11.	3.1	20
7	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> , 2021, 764, 142921.	8.0	12
8	Synthetic Biomimetic Polymethacrylates: Promising Platform for the Design of Anti-Cyanobacterial and Anti-Algal Agents. <i>Polymers</i> , 2021, 13, 1025.	4.5	6
9	Microbiome Composition and Function in Aquatic Vertebrates: Small Organisms Making Big Impacts on Aquatic Animal Health. <i>Frontiers in Microbiology</i> , 2021, 12, 567408.	3.5	107
10	The efficiency of antineoplastic drug contamination removal by widely used disinfectantsâ€”laboratory and hospital studies. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1687-1702.	2.3	9
11	Flame Retardants-Mediated Interferon Signaling in the Pathogenesis of Nonalcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4282.	4.1	5
12	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> , 2021, 169, 105390.	2.5	5
13	Endocrine disrupting potential of replacement flame retardants â€” Review of current knowledge for nuclear receptors associated with reproductive outcomes. <i>Environment International</i> , 2021, 153, 106550.	10.0	26
14	Cyanobacteria <i>Microcystis aeruginosa</i> Contributes to the Severity of Fish Diseases: A Study on Spring Viraemia of Carp. <i>Toxins</i> , 2021, 13, 601.	3.4	3
15	Occurrence of cylindrospermopsin, anatoxin-a and their homologs in the southern Czech Republic â€” Taxonomical, analytical, and molecular approaches. <i>Harmful Algae</i> , 2021, 108, 102101.	4.8	8
16	Levels and risks of antineoplastic drugs in households of oncology patients, hospices and retirement homes. <i>Environmental Sciences Europe</i> , 2021, 33, .	5.5	3
17	CN32 Antineoplastic drugs in households of oncology patients. <i>Annals of Oncology</i> , 2021, 32, S1267.	1.2	0
18	Estrogenicity of chemical mixtures revealed by a panel of bioassays. <i>Science of the Total Environment</i> , 2021, 785, 147284.	8.0	19

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19	An adverse outcome pathway based in vitro characterization of novel flame retardants-induced hepatic steatosis. <i>Environmental Pollution</i> , 2021, 289, 117855.	7.5	27
20	Stratification strength and light climate explain variation in chlorophyll <i>a</i> at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021, 66, 4314-4333.	3.1	19
21	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> , 2020, 14, 214-231.	3.0	14
22	Cylindrospermopsin is effectively degraded in water by pulsed corona-like and dielectric barrier discharges. <i>Environmental Pollution</i> , 2020, 266, 115423.	7.5	13
23	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> , 2020, 30, 590-604.	2.7	8
24	CN22 Occupational risks of health care personnel administering antineoplastic drugs. Results of the large-scale monitoring in Czech and Slovak hospitals. <i>Annals of Oncology</i> , 2020, 31, S1131.	1.2	0
25	Antifouling performance of photocatalytic superhydrophobic coatings against <i>Klebsormidium</i> alga. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104153.	6.7	14
26	Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos. <i>Aquatic Toxicology</i> , 2020, 221, 105444.	4.0	19
27	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> , 2020, 29, 1095-1106.	2.5	68
28	Advanced oxidation processes for the removal of cyanobacterial toxins from drinking water. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	24
29	Ecotoxicology of Environmental Pollutants. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2020, , 549-572.	0.5	1
30	Hospitals and Pharmacies as Sources of Contamination by Cytostatic Pharmaceuticals: Long-Term Monitoring in the Czech Republic. , 2020, , 57-70.		4
31	Climate finance and green growth: reconsidering climate-related institutions, investments, and priorities in Nepal. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	38
32	Prioritization of hazards of novel flame retardants using the mechanistic toxicology information from ToxCast and Adverse Outcome Pathways. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	43
33	Cell-based data to predict the toxicity of chemicals to fish. Commentary on the manuscript by Rodrigues etÂal., 2019. Cell-based assays seem not to accurately predict fish short-term toxicity of pesticides. <i>Environmental Pollution</i> 252:476â€“482. <i>Environmental Pollution</i> , 2019, 254, 113060.	7.5	1
34	Cylindrospermopsin induces cellular stress and activation of ERK1/2 and p38 MAPK pathways in adult human liver stem cells. <i>Chemosphere</i> , 2019, 227, 43-52.	8.2	11
35	Repeatability and Reproducibility of the RTgill-W1 Cell Line Assay for Predicting Fish Acute Toxicity. <i>Toxicological Sciences</i> , 2019, 169, 353-364.	3.1	52
36	Immunomodulatory effects of cyanobacterial toxin cylindrospermopsin on innate immune cells. <i>Chemosphere</i> , 2019, 226, 439-446.	8.2	29

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37	Freshwater Cyanotoxin Cylindrospermopsin Has Detrimental Stage-specific Effects on Hepatic Differentiation From Human Embryonic Stem Cells. <i>Toxicological Sciences</i> , 2019, 168, 241-251.	3.1	7
38	Freshwater ecosystems profit from activated carbon-based wastewater treatment across various levels of biological organisation in a short timeframe. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	16
39	Immunomodulatory effects of selected cyanobacterial peptides in vitro. <i>Toxicol</i> , 2018, 149, 20-25.	1.6	9
40	Tumor-promoting cyanotoxin microcystin-LR does not induce procarcinogenic events in adult human liver stem cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 345, 103-113.	2.8	17
41	In vitro assessment of sex steroids and related compounds in water and sediments – a critical review. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 270-287.	3.5	11
42	Macromol. Biosci. 10/2018. <i>Macromolecular Bioscience</i> , 2018, 18, 1870027.	4.1	0
43	Branched Poly(ethylene imine)s as Anti-algal and Anti-cyanobacterial Agents with Selective Flocculation Behavior to Cyanobacteria over Algae. <i>Macromolecular Bioscience</i> , 2018, 18, e1800187.	4.1	7
44	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> , 2018, 358, 494-502.	12.4	24
45	Assessment of Hepatotoxic Potential of Cyanobacterial Toxins Using 3D In Vitro Model of Adult Human Liver Stem Cells. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10078-10088.	10.0	24
46	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018, 10, 156.	3.4	159
47	Acute and (sub)chronic toxicity of the neonicotinoid imidacloprid on <i>Chironomus riparius</i> . <i>Chemosphere</i> , 2018, 209, 568-577.	8.2	34
48	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018, 5, 180226.	5.3	30
49	Assessment of non-derivatized 2-N-methylamino- L -alanine (BMAA) neurotoxin in free form in urine of patients with nonspecific neurological symptoms. <i>Toxicol</i> , 2017, 133, 48-57.	1.6	10
50	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> , 2017, 601-602, 1849-1868.	8.0	151
51	Critical assessment of the research outcomes of European birth cohorts: linking environmental factors with non-communicable diseases. <i>Public Health</i> , 2017, 145, 136-145.	2.9	9
52	Phytoestrogens and sterols in waters with cyanobacterial blooms – Analytical methods and estrogenic potencies. <i>Chemosphere</i> , 2017, 170, 104-112.	8.2	33
53	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> , 2017, 24, 3748-3758.	5.3	10
54	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> , 2017, 8, .	0.6	64

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55	Chlorination and ozonation reduce microcystin content and tumour promoting activity of complex cyanobacterial extract. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.6	4
56	Bioluminescent <i>Vibrio fischeri</i> Assays in the Assessment of Seasonal and Spatial Patterns in Toxicity of Contaminated River Sediments. <i>Frontiers in Microbiology</i> , 2016, 7, 1738.	3.5	40
57	Phytoestrogens in milk: Overestimations caused by contamination of the hydrolytic enzyme used during sample extraction. <i>Journal of Dairy Science</i> , 2016, 99, 6973-6982.	3.4	13
58	Drinking water contaminants from epoxy resin-coated pipes: A field study. <i>Water Research</i> , 2016, 103, 133-140.	11.3	58
59	Teratogenic effects of five anticancer drugs on <i>Xenopus laevis</i> embryos. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 90-96.	6.0	19
60	Reduction of dioxin-like toxicity in effluents by additional wastewater treatment and related effects in fish. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 47-58.	6.0	18
61	Metallothionein modulation in relation to cadmium bioaccumulation and age-dependent sensitivity of <i>Chironomus riparius</i> larvae. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10504-10513.	5.3	17
62	Yeast Biosensors for Detection of Environmental Pollutants: Current State and Limitations. <i>Trends in Biotechnology</i> , 2016, 34, 408-419.	9.3	82
63	Toxic effects of metals on two euryhaline ciliate species adapted to variable salinities. <i>Biologia (Poland)</i> , 2015, 70, 486-494.	1.5	2
64	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> , 2015, 122, 168-175.	8.2	17
65	Can zero-valent iron nanoparticles remove waterborne estrogens?. <i>Journal of Environmental Management</i> , 2015, 150, 387-392.	7.8	27
66	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> , 2015, 22, 19124-19132.	5.3	14
67	Immunomodulatory Potency of Microcystin, an Important Water-Polluting Cyanobacterial Toxin. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12457-12464.	10.0	48
68	Effects of enrofloxacin, ciprofloxacin, and trimethoprim on two generations of <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 152-158.	6.0	48
69	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> , 2015, 72, 127-144.	11.3	35
70	Effect of arsenic and cyanobacterial co-exposure on pathological, haematological and immunological parameters of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 57-63.	0.2	1
71	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> , 2014, 9, e98307.	2.5	29
72	Mixtures of Chemical Pollutants at European Legislation Safety Concentrations: How Safe Are They?. <i>Toxicological Sciences</i> , 2014, 141, 218-233.	3.1	108

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73	What level of estrogenic activity determined by in vitro assays in municipal waste waters can be considered as safe?. <i>Environment International</i> , 2014, 64, 98-109.	10.0	134
74	Acute, chronic and reproductive toxicity of complex cyanobacterial blooms in <i>Daphnia magna</i> and the role of microcystins. <i>Toxicol</i> , 2014, 79, 11-18.	1.6	40
75	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> , 2014, 406, 5867-5876.	3.7	18
76	Novel rapid in vitro cytotoxicity test on mammalian cells based on an electrochemical measuring method. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 935-943.	2.9	4
77	Association of Surface Contamination by Antineoplastic Drugs With Different Working Conditions in Hospital Pharmacies. <i>Archives of Environmental and Occupational Health</i> , 2014, 69, 148-158.	1.4	24
78	Do predictions from Species Sensitivity Distributions match with field data?. <i>Environmental Pollution</i> , 2014, 189, 126-133.	7.5	47
79	Europe-wide survey of estrogenicity in wastewater treatment plant effluents: the need for the effect-based monitoring. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10970-10982.	5.3	54
80	Expert opinion on toxicity profiling—report from a NORMAN expert group meeting. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 185-191.	2.9	31
81	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> , 2013, 20, 6070-6084.	5.3	19
82	In vivo effects of microcystins and complex cyanobacterial biomass on rats ( <i>Rattus norvegicus</i> var.)	2.6	12
83	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> , 2013, 25, .	5.5	22
84	Concentrations of microcystins in tissues of several fish species from freshwater reservoirs and ponds. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9717-9727.	2.7	10
85	The isolation and characterization of lipopolysaccharides from <i>Microcystis aeruginosa</i> , a prominent toxic water bloom forming cyanobacteria. <i>Toxicol</i> , 2013, 76, 187-196.	1.6	25
86	EU-wide monitoring survey on emerging polar organic contaminants in wastewater treatment plant effluents. <i>Water Research</i> , 2013, 47, 6475-6487.	11.3	932
87	A European perspective on alternatives to animal testing for environmental hazard identification and risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 67, 506-530.	2.7	139
88	Estrogen-, androgen- and aryl hydrocarbon receptor mediated activities in passive and composite samples from municipal waste and surface waters. <i>Environment International</i> , 2013, 59, 372-383.	10.0	64
89	Novel metabolites in cyanobacterium <i>Cylindrospermopsis raciborskii</i> with potencies to inhibit gap junctional intercellular communication. <i>Journal of Hazardous Materials</i> , 2013, 262, 571-579.	12.4	11
90	Biochemical and histopathological responses of Wistar rats to oral intake of microcystins and cyanobacterial biomass. <i>Neuroendocrinology Letters</i> , 2013, 34 Suppl 2, 11-20.	0.2	4

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91	Fish tapeworm <i>Khawia sinensis</i> : an indicator of environmental microcystins?. <i>Neuroendocrinology Letters</i> , 2013, 34 Suppl 2, 21-4.	0.2	1
92	Evaluation of the Efficacy of Additional Measures Introduced for the Protection of Healthcare Personnel Handling Antineoplastic Drugs. <i>Annals of Occupational Hygiene</i> , 2012, 57, 240-50.	1.9	23
93	Physical activity of adult Czech population in perceived neighbourhood environmentsâ€“National cross-sectional study. <i>Journal of Science and Medicine in Sport</i> , 2012, 15, S218-S219.	1.3	0
94	POCIS sampling in combination with ELISA: Screening of sulfonamide residues in surface and waste waters. <i>Journal of Environmental Monitoring</i> , 2012, 14, 250-257.	2.1	16
95	Estrogenic activity in extracts and exudates of cyanobacteria and green algae. <i>Environment International</i> , 2012, 39, 134-140.	10.0	49
96	Changes in concentrations of hydrophilic organic contaminants and of endocrine-disrupting potential downstream of small communities located adjacent to headwaters. <i>Environment International</i> , 2012, 45, 22-31.	10.0	31
97	Oxidative stress and detoxification biomarker responses in aquatic freshwater vertebrates exposed to microcystins and cyanobacterial biomass. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2024-2037.	5.3	60
98	Enantioselective effects of alpha-hexachlorocyclohexane (HCH) isomers on androgen receptor activity in vitro. <i>Chemosphere</i> , 2012, 86, 65-69.	8.2	19
99	Tumor promoting effects of cyanobacterial extracts are potentiated by anthropogenic contaminants â€“ Evidence from in vitro study. <i>Chemosphere</i> , 2012, 89, 30-37.	8.2	11
100	Utilization of the solid sorbent media in monitoring of airborne cyclophosphamide concentrations and the implications for occupational hygiene. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1480.	2.1	18
101	Identifying the Research and Infrastructure Needs for the Global Assessment of Hazardous Chemicals Ten Years after Establishing the Stockholm Convention. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7617-7619.	10.0	25
102	In vitro modulation of intracellular receptor signaling and cytotoxicity induced by extracts of cyanobacteria, complex water blooms and their fractions. <i>Aquatic Toxicology</i> , 2011, 105, 497-507.	4.0	30
103	Teratogenicity and Embryotoxicity in Aquatic Organisms After Pesticide Exposure and the Role of Oxidative Stress. <i>Reviews of Environmental Contamination and Toxicology</i> , 2011, 211, 25-61.	1.3	30
104	Modulation of gap-junctional intercellular communication by a series of cyanobacterial samples from nature and laboratory cultures. <i>Toxicon</i> , 2011, 58, 76-84.	1.6	18
105	Can cyanobacterial biomass applied to soil affect survival and reproduction of springtail <i>Folsomia candida</i> ?. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 840-843.	6.0	3
106	The effects of PAHs and N-PAHs on retinoid signaling and Oct-4 expression in vitro. <i>Toxicology Letters</i> , 2011, 200, 169-175.	0.8	20
107	Determination of atrazine in surface waters by combination of POCIS passive sampling and ELISA detection. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2582.	2.1	19
108	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> , 2011, 87, 26-30.	2.7	14



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109	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> , 2011, 26, 641-648.	4.0	27
110	Complex evaluation of ecotoxicity and genotoxicity of antimicrobials oxytetracycline and flumequine used in aquaculture. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1184-1189.	4.3	59
111	Wastewater canal Vojlovica, industrial complex Pancevo, Serbia: Preliminary ecotoxicological assessment of contaminated sediment. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 459-478.	0.8	6
112	Screening Assessment of Cyanobacterial Embryotoxicity to Japanese Medaka, <i>Oryzias Latipes</i> (Actinopterygii: Beloniformes: Adrianichthyidae). <i>Acta Ichthyologica Et Piscatoria</i> , 2011, 41, 293-299.	0.7	5
113	CETOCOEN Project: From the Laboratory to the Field and Beyond. <i>IFIP Advances in Information and Communication Technology</i> , 2011, , 491-499.	0.7	0
114	In vitro evaluation of the permeation of cytotoxic drugs through reconstructed human epidermis and oral epithelium. <i>Klinicka Onkologie</i> , 2011, 24, 195-202.	0.3	7
115	The effect of peroral administration of toxic cyanobacteria on laboratory rats ( <i>Rattus norvegicus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1 0,2		
116	Evaluation of the novel passive sampler for cyanobacterial toxins microcystins under various conditions including field sampling. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 823-828.	3.7	18
117	LC-MS analyses of microcystins in fish tissues overestimate toxin levels – critical comparison with LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1231-1237.	3.7	23
118	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> , 2010, 10, 423-433.	3.0	14
119	Ecotoxicity and genotoxicity assessment of cytotoxic antineoplastic drugs and their metabolites. <i>Chemosphere</i> , 2010, 81, 253-260.	8.2	106
120	Kinetic bacterial bioluminescence assay for contact sediment toxicity testing: Relationships with the matrix composition and contamination. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 507-514.	4.3	16
121	Temporal and spatial variability of cyanobacterial toxins microcystins in three interconnected freshwater reservoirs. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1303-1312.	0.8	16
122	Mitochondrial Toxicity of Microcystin-LR on Cultured Cells: Application to the Analysis of Contaminated Water Samples. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2535-2541.	10.0	31
123	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> , 2010, 55, 126-134.	1.6	23
124	Pan-European survey on the occurrence of selected polar organic persistent pollutants in ground water. <i>Water Research</i> , 2010, 44, 4115-4126.	11.3	721
125	Toxins produced in cyanobacterial water blooms - toxicity and risks. <i>Interdisciplinary Toxicology</i> , 2009, 2, 36-41.	1.0	224
126	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> , 2009, 40, 1683-1693.	1.8	17



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127	The first occurrence of the cyanobacterial alkaloid toxin cylindrospermopsin in the Czech Republic as determined by immunochemical and LC/MS methods. <i>Toxicon</i> , 2009, 53, 519-524.	1.6	93
128	A novel approach for monitoring of cyanobacterial toxins: development and evaluation of the passive sampler for microcystins. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1167-1172.	3.7	28
129	Analyses of cyanobacterial toxins (microcystins, cylindrospermopsin) in the reservoirs of the Czech Republic and evaluation of health risks. <i>Environmental Chemistry Letters</i> , 2008, 6, 223-227.	16.2	70
130	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> , 2008, 28, 72-77.	2.8	38
131	Selected endocrine disrupting compounds (Vinclozolin, Flutamide, Ketoconazole and Dicofo): Effects on survival, occurrence of males, growth, molting and reproduction of <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , 2008, 15, 222-227.	5.3	62
132	Polychlorinated naphthalenes and other dioxin-like compounds in Elbe River sediments. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 519-528.	4.3	24
133	Endocrine regulation of the reproduction in crustaceans: Identification of potential targets for toxicants and environmental contaminants. <i>Biologia (Poland)</i> , 2008, 63, 139-150.	1.5	40
134	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> , 2008, 99, 696-705.	3.9	49
135	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> , 2008, 89, 172-179.	4.0	30
136	Interference of PAHs and their N-heterocyclic analogs with signaling of retinoids in vitro. <i>Toxicology in Vitro</i> , 2008, 22, 1909-1917.	2.4	22
137	Effect of different cyanobacterial biomasses and their fractions with variable microcystin content on embryonal development of carp ( <i>Cyprinus carpio</i> L.). <i>Aquatic Toxicology</i> , 2007, 81, 312-318.	4.0	59
138	AhR-mediated and antiestrogenic activity of humic substances. <i>Chemosphere</i> , 2007, 67, 1096-1101.	8.2	41
139	Effects of dissolved microcystins on growth of planktonic photoautotrophs. <i>Phycologia</i> , 2007, 46, 137-142.	1.4	45
140	Inhibition of Gap Junctional Intercellular Communication and Activation of Mitogen-Activated Protein Kinase by Tumor-Promoting Organic Peroxides and Protection by Resveratrol. <i>Nutrition and Cancer</i> , 2007, 57, 38-47.	2.0	37
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