

# Katerina Grabicova

## 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.

44  
papers

838  
citations

15  
h-index

28  
g-index

49  
ext. papers

1,080  
ext. citations

7.8  
avg, IF

4.13  
L-index

#	Paper	IF	Citations
44	Water reuse for aquaculture: Comparative removal efficacy and aquatic hazard reduction of pharmaceuticals by a pond treatment system during a one year study. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126712	12.8	6
43	Metabolome adaptation and oxidative stress response of common carp ( <i>Cyprinus carpio</i> ) to altered water pollution levels.. <i>Environmental Pollution</i> , <b>2022</b> , 303, 119117	9.3	1
42	Desorption of pharmaceuticals and illicit drugs from different stabilized sludge types across pH. <i>Water Research</i> , <b>2022</b> , 118651	12.5	0
41	Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 227, 112944	7	3
40	Traces of tramadol in water impact behaviour in a native European fish. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 212, 111999	7	5
39	Methamphetamine pollution elicits addiction in wild fish. <i>Journal of Experimental Biology</i> , <b>2021</b> , 224,	3	11
38	The effects of the herbicides terbuthylazine and metazachlor at environmental concentration on the burrowing behaviour of red swamp crayfish. <i>Chemosphere</i> , <b>2021</b> , 270, 128656	8.4	2
37	A combination of six psychoactive pharmaceuticals at environmental concentrations alter the locomotory behavior of clonal marbled crayfish. <i>Science of the Total Environment</i> , <b>2021</b> , 751, 141383	10.2	4
36	Associations between pharmaceutical contaminants, parasite load and health status in brown trout exposed to sewage effluent in a small stream. <i>Ecotoxicology and Hydrobiology</i> , <b>2021</b> , 21, 233-243	2.8	0
35	De facto reuse at the watershed scale: Seasonal changes, population contributions, instream flows and water quality hazards of human pharmaceuticals. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115888	9.3	1
34	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. <i>Environment International</i> , <b>2021</b> , 146, 106188	12.9	9
33	Development of LC-HRMS methods for evaluation of metabolic conversion of 5-fluorocytosine at GDEPT procedure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 203, 114168	3.5	
32	Determination of citalopram in fish brain tissue: benefits of coupling laser diode thermal desorption with low- and high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 4353-4361	4.4	3
31	In Vitro Metabolic Transformation of Pharmaceuticals by Hepatic S9 Fractions from Common Carp. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
30	Cardiac and Locomotor Responses to Acute Stress in Signal Crayfish Exposed to Methamphetamine at an Environmentally Relevant Concentration. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	1
29	Psychoactive pharmaceuticals in aquatic systems: A comparative assessment of environmental monitoring approaches for water and fish. <i>Environmental Pollution</i> , <b>2020</b> , 261, 114150	9.3	19
28	Environmental concentration of methamphetamine induces pathological changes in brown trout ( <i>Salmo trutta fario</i> ). <i>Chemosphere</i> , <b>2020</b> , 254, 126882	8.4	2

27	Environmentally relevant levels of four psychoactive compounds vary in their effects on freshwater fish condition: a brain concentration evidence approach. <i>PeerJ</i> , <b>2020</b> , 8, e9356	3.1	4
26	Psychoactive compounds at environmental concentration alter burrowing behavior in the freshwater crayfish. <i>Science of the Total Environment</i> , <b>2020</b> , 711, 135138	10.2	4
25	Water reuse and aquaculture: Pharmaceutical bioaccumulation by fish during tertiary treatment in a wastewater stabilization pond. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115593	9.3	10
24	Environmentally relevant concentrations of methamphetamine and sertraline modify the behavior and life history traits of an aquatic invertebrate. <i>Aquatic Toxicology</i> , <b>2019</b> , 213, 105222	5.1	12
23	Oxazepam Alters the Behavior of Crayfish at Diluted Concentrations, Venlafaxine Does Not. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 196	3	11
22	Host-parasite interaction as a toxicity test endpoint using asymmetrical exposures. <i>Aquatic Toxicology</i> , <b>2019</b> , 211, 173-180	5.1	4
21	Foraging behaviour of top predators mediated by pollution of psychoactive pharmaceuticals and effects on ecosystem stability. <i>Science of the Total Environment</i> , <b>2019</b> , 662, 655-661	10.2	15
20	Effects of Multi-Component Mixtures from Sewage Treatment Plant Effluent on Common Carp ( <i>Cyprinus carpio</i> ) under Fully Realistic Condition. <i>Environmental Management</i> , <b>2019</b> , 63, 466-484	3.1	10
19	Development of a robust extraction procedure for the HPLC-ESI-HRPS determination of multi-residual pharmaceuticals in biota samples. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1022, 53-60	6.6	38
18	Biomarker response, health indicators, and intestinal microbiome composition in wild brown trout ( <i>Salmo trutta m. fario</i> L.) exposed to a sewage treatment plant effluent-dominated stream. <i>Science of the Total Environment</i> , <b>2018</b> , 625, 1494-1509	10.2	19
17	Fate of perfluoroalkyl substances within a small stream food web affected by sewage effluent. <i>Water Research</i> , <b>2018</b> , 134, 226-233	12.5	14
16	Transport of pharmaceuticals and their metabolites between water and sediments as a further potential exposure for aquatic organisms. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 342, 401-407	12.8	54
15	Screening of benzodiazepines in thirty European rivers. <i>Chemosphere</i> , <b>2017</b> , 176, 324-332	8.4	37
14	Comparison of passive sampling and biota for monitoring of tonalide in aquatic environment. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 22251-22257	5.1	2
13	Bioaccumulation of psychoactive pharmaceuticals in fish in an effluent dominated stream. <i>Water Research</i> , <b>2017</b> , 124, 654-662	12.5	98
12	Sub-lethal effects and bioconcentration of the human pharmaceutical clotrimazole in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Chemosphere</i> , <b>2016</b> , 159, 10-22	8.4	14
11	Investigation of diltiazem metabolism in fish using a hybrid quadrupole/orbital trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30, 1153-62	2.2	3
10	Bioconcentration, metabolism and half-life time of the human therapeutic drug diltiazem in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Chemosphere</i> , <b>2016</b> , 144, 154-9	8.4	15

9	Perfluoroalkyl substances in aquatic environment-comparison of fish and passive sampling approaches. <i>Environmental Research</i> , <b>2016</b> , 144, 92-98	7.9	28
8	Young-of-the-year fish as a prospective bioindicator for aquatic environmental contamination monitoring. <i>Water Research</i> , <b>2016</b> , 103, 334-342	12.5	12
7	Presence of pharmaceuticals in benthic fauna living in a small stream affected by effluent from a municipal sewage treatment plant. <i>Water Research</i> , <b>2015</b> , 72, 145-53	12.5	95
6	The sub-lethal effects and tissue concentration of the human pharmaceutical atenolol in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Science of the Total Environment</i> , <b>2014</b> , 497-498, 209-218	10.2	24
5	Contamination of fish in important fishing grounds of the Czech Republic. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 109, 101-9	7	19
4	Tissue-specific bioconcentration of antidepressants in fish exposed to effluent from a municipal sewage treatment plant. <i>Science of the Total Environment</i> , <b>2014</b> , 488-489, 46-50	10.2	90
3	A passive sampling method for detecting analgesics, psycholeptics, antidepressants and illicit drugs in aquatic environments in the Czech Republic. <i>Science of the Total Environment</i> , <b>2014</b> , 487, 681-7	10.2	58
2	Toxic effects, bioconcentration and depuration of verapamil in the early life stages of common carp ( <i>Cyprinus carpio</i> L.). <i>Science of the Total Environment</i> , <b>2013</b> , 461-462, 198-206	10.2	22
1	Presence of UV filters in surface water and the effects of phenylbenzimidazole sulfonic acid on rainbow trout ( <i>Oncorhynchus mykiss</i> ) following a chronic toxicity test. <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 96, 41-7	7	57