

Katerina Grabicova

List of Publications by Citations

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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	Bioaccumulation of psychoactive pharmaceuticals in fish in an effluent dominated stream. <i>Water Research</i> , 2017 , 124, 654-662	12.5	98
43	Presence of pharmaceuticals in benthic fauna living in a small stream affected by effluent from a municipal sewage treatment plant. <i>Water Research</i> , 2015 , 72, 145-53	12.5	95
42	Tissue-specific bioconcentration of antidepressants in fish exposed to effluent from a municipal sewage treatment plant. <i>Science of the Total Environment</i> , 2014 , 488-489, 46-50	10.2	90
41	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> , 2014 , 487, 681-7	10.2	58
40	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> , 2013 , 96, 41-7	7	57
39	Transport of pharmaceuticals and their metabolites between water and sediments as a further potential exposure for aquatic organisms. <i>Journal of Hazardous Materials</i> , 2018 , 342, 401-407	12.8	54
38	Development of a robust extraction procedure for the HPLC-ESI-HRPS determination of multi-residual pharmaceuticals in biota samples. <i>Analytica Chimica Acta</i> , 2018 , 1022, 53-60	6.6	38
37	Screening of benzodiazepines in thirty European rivers. <i>Chemosphere</i> , 2017 , 176, 324-332	8.4	37
36	Perfluoroalkyl substances in aquatic environment-comparison of fish and passive sampling approaches. <i>Environmental Research</i> , 2016 , 144, 92-98	7.9	28
35	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> , 2014 , 497-498, 209-218	10.2	24
34	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> , 2013 , 461-462, 198-206	10.2	22
33	Psychoactive pharmaceuticals in aquatic systems: A comparative assessment of environmental monitoring approaches for water and fish. <i>Environmental Pollution</i> , 2020 , 261, 114150	9.3	19
32	Biomarker response, health indicators, and intestinal microbiome composition in wild brown trout (<i>Salmo trutta</i> m. <i>fario</i> L.) exposed to a sewage treatment plant effluent-dominated stream. <i>Science of the Total Environment</i> , 2018 , 625, 1494-1509	10.2	19
31	Contamination of fish in important fishing grounds of the Czech Republic. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 109, 101-9	7	19
30	Foraging behaviour of top predators mediated by pollution of psychoactive pharmaceuticals and effects on ecosystem stability. <i>Science of the Total Environment</i> , 2019 , 662, 655-661	10.2	15
29	Bioconcentration, metabolism and half-life time of the human therapeutic drug diltiazem in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Chemosphere</i> , 2016 , 144, 154-9	8.4	15
28	Fate of perfluoroalkyl substances within a small stream food web affected by sewage effluent. <i>Water Research</i> , 2018 , 134, 226-233	12.5	14

27	Sub-lethal effects and bioconcentration of the human pharmaceutical clotrimazole in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Chemosphere</i> , 2016 , 159, 10-22	8.4	14
26	Environmentally relevant concentrations of methamphetamine and sertraline modify the behavior and life history traits of an aquatic invertebrate. <i>Aquatic Toxicology</i> , 2019 , 213, 105222	5.1	12
25	Young-of-the-year fish as a prospective bioindicator for aquatic environmental contamination monitoring. <i>Water Research</i> , 2016 , 103, 334-342	12.5	12
24	Oxazepam Alters the Behavior of Crayfish at Diluted Concentrations, Venlafaxine Does Not. <i>Water (Switzerland)</i> , 2019 , 11, 196	3	11
23	Methamphetamine pollution elicits addiction in wild fish. <i>Journal of Experimental Biology</i> , 2021 , 224,	3	11
22	Water reuse and aquaculture: Pharmaceutical bioaccumulation by fish during tertiary treatment in a wastewater stabilization pond. <i>Environmental Pollution</i> , 2020 , 267, 115593	9.3	10
21	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> , 2019 , 63, 466-484	3.1	10
20	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. <i>Environment International</i> , 2021 , 146, 106188	12.9	9
19	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> , 2022 , 421, 126712	12.8	6
18	Traces of tramadol in water impact behaviour in a native European fish. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 212, 111999	7	5
17	Host-parasite interaction as a toxicity test endpoint using asymmetrical exposures. <i>Aquatic Toxicology</i> , 2019 , 211, 173-180	5.1	4
16	Environmentally relevant levels of four psychoactive compounds vary in their effects on freshwater fish condition: a brain concentration evidence approach. <i>PeerJ</i> , 2020 , 8, e9356	3.1	4
15	Psychoactive compounds at environmental concentration alter burrowing behavior in the freshwater crayfish. <i>Science of the Total Environment</i> , 2020 , 711, 135138	10.2	4
14	A combination of six psychoactive pharmaceuticals at environmental concentrations alter the locomotory behavior of clonal marbled crayfish. <i>Science of the Total Environment</i> , 2021 , 751, 141383	10.2	4
13	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> , 2020 , 412, 4353-4361	4.4	3
12	Investigation of diltiazem metabolism in fish using a hybrid quadrupole/orbital trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 1153-62	2.2	3
11	Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 227, 112944	7	3
10	In Vitro Metabolic Transformation of Pharmaceuticals by Hepatic S9 Fractions from Common Carp. <i>Molecules</i> , 2020 , 25,	4.8	2

9	Environmental concentration of methamphetamine induces pathological changes in brown trout (<i>Salmo trutta fario</i>). <i>Chemosphere</i> , 2020 , 254, 126882	8.4	2
8	Comparison of passive sampling and biota for monitoring of tonalide in aquatic environment. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22251-22257	5.1	2
7	The effects of the herbicides terbuthylazine and metazachlor at environmental concentration on the burrowing behaviour of red swamp crayfish. <i>Chemosphere</i> , 2021 , 270, 128656	8.4	2
6	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> , 2020 , 17,	4.6	1
5	De facto reuse at the watershed scale: Seasonal changes, population contributions, instream flows and water quality hazards of human pharmaceuticals. <i>Environmental Pollution</i> , 2021 , 268, 115888	9.3	1
4	Metabolome adaptation and oxidative stress response of common carp (<i>Cyprinus carpio</i>) to altered water pollution levels.. <i>Environmental Pollution</i> , 2022 , 303, 119117	9.3	1
3	Associations between pharmaceutical contaminants, parasite load and health status in brown trout exposed to sewage effluent in a small stream. <i>Ecohydrology and Hydrobiology</i> , 2021 , 21, 233-243	2.8	0
2	Desorption of pharmaceuticals and illicit drugs from different stabilized sludge types across pH. <i>Water Research</i> , 2022 , 118651	12.5	0
1	Development of LC-HRMS methods for evaluation of metabolic conversion of 5-fluorocytosine at GDEPT procedure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 203, 114168	3.5	