Katerina Grabicova

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5280012/publications.pdf

Version: 2024-02-01

47 papers	1,306 citations	361296 20 h-index	360920 35 g-index
49 all docs	49 docs citations	49 times ranked	1378 citing authors

#	Article	IF	Citations
1	Bioaccumulation of psychoactive pharmaceuticals in fish in an effluent dominated stream. Water Research, 2017, 124, 654-662.	5.3	142
2	Presence of pharmaceuticals in benthic fauna living in a small stream affected by effluent from a municipal sewage treatment plant. Water Research, 2015, 72, 145-153.	5.3	126
3	Tissue-specific bioconcentration of antidepressants in fish exposed to effluent from a municipal sewage treatment plant. Science of the Total Environment, 2014, 488-489, 46-50.	3.9	108
4	Presence of UV filters in surface water and the effects of phenylbenzimidazole sulfonic acid on rainbow trout (Oncorhynchus mykiss) following a chronic toxicity test. Ecotoxicology and Environmental Safety, 2013, 96, 41-47.	2.9	76
5	A passive sampling method for detecting analgesics, psycholeptics, antidepressants and illicit drugs in aquatic environments in the Czech Republic. Science of the Total Environment, 2014, 487, 681-687.	3.9	74
6	Transport of pharmaceuticals and their metabolites between water and sediments as a further potential exposure for aquatic organisms. Journal of Hazardous Materials, 2018, 342, 401-407.	6.5	71
7	Development of a robust extraction procedure for the HPLC-ESI-HRPS determination of multi-residual pharmaceuticals in biota samples. Analytica Chimica Acta, 2018, 1022, 53-60.	2.6	63
8	Screening of benzodiazepines in thirty European rivers. Chemosphere, 2017, 176, 324-332.	4.2	52
9	Psychoactive pharmaceuticals in aquatic systems: A comparative assessment of environmental monitoring approaches for water and fish. Environmental Pollution, 2020, 261, 114150.	3.7	40
10	Water reuse and aquaculture: Pharmaceutical bioaccumulation by fish during tertiary treatment in a wastewater stabilization pond. Environmental Pollution, 2020, 267, 115593.	3.7	34
11	Perfluoroalkyl substances in aquatic environment-comparison of fish and passive sampling approaches. Environmental Research, 2016, 144, 92-98.	3.7	31
12	The sub-lethal effects and tissue concentration of the human pharmaceutical atenolol in rainbow trout (Oncorhynchus mykiss). Science of the Total Environment, 2014, 497-498, 209-218.	3.9	30
13	Methamphetamine pollution elicits addiction in wild fish. Journal of Experimental Biology, 2021, 224, .	0.8	29
14	Toxic effects, bioconcentration and depuration of verapamil in the early life stages of common carp (Cyprinus carpio L.). Science of the Total Environment, 2013, 461-462, 198-206.	3.9	27
15	Biomarker response, health indicators, and intestinal microbiome composition in wild brown trout (Salmo trutta m. fario L.) exposed to a sewage treatment plant effluent-dominated stream. Science of the Total Environment, 2018, 625, 1494-1509.	3.9	26
16	Bioconcentration, metabolism and half-life time of the human therapeutic drug diltiazem in rainbow trout Oncorhynchus mykiss. Chemosphere, 2016, 144, 154-159.	4.2	25
17	Environmentally relevant concentrations of methamphetamine and sertraline modify the behavior and life history traits of an aquatic invertebrate. Aquatic Toxicology, 2019, 213, 105222.	1.9	24
18	Foraging behaviour of top predators mediated by pollution of psychoactive pharmaceuticals and effects on ecosystem stability. Science of the Total Environment, 2019, 662, 655-661.	3.9	24

#	Article	IF	Citations
19	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. Environment International, 2021, 146, 106188.	4.8	22
20	Contamination of fish in important fishing grounds of the Czech Republic. Ecotoxicology and Environmental Safety, 2014, 109, 101-109.	2.9	21
21	Young-of-the-year fish as a prospective bioindicator for aquatic environmental contamination monitoring. Water Research, 2016, 103, 334-342.	5.3	20
22	Fate of perfluoroalkyl substances within a small stream food web affected by sewage effluent. Water Research, 2018, 134, 226-233.	5.3	18
23	Effects of Multi-Component Mixtures from Sewage Treatment Plant Effluent on Common Carp (Cyprinus carpio) under Fully Realistic Condition. Environmental Management, 2019, 63, 466-484.	1.2	18
24	Sub-lethal effects and bioconcentration of the human pharmaceutical clotrimazole in rainbow trout (Oncorhynchus mykiss). Chemosphere, 2016, 159, 10-22.	4.2	17
25	Water reuse for aquaculture: Comparative removal efficacy and aquatic hazard reduction of pharmaceuticals by a pond treatment system during a one year study. Journal of Hazardous Materials, 2022, 421, 126712.	6.5	17
26	A combination of six psychoactive pharmaceuticals at environmental concentrations alter the locomotory behavior of clonal marbled crayfish. Science of the Total Environment, 2021, 751, 141383.	3.9	16
27	Oxazepam Alters the Behavior of Crayfish at Diluted Concentrations, Venlafaxine Does Not. Water (Switzerland), 2019, 11, 196.	1.2	15
28	Metabolome adaptation and oxidative stress response of common carp (Cyprinus carpio) to altered water pollution levels. Environmental Pollution, 2022, 303, 119117.	3.7	15
29	Traces of tramadol in water impact behaviour in a native European fish. Ecotoxicology and Environmental Safety, 2021, 212, 111999.	2.9	14
30	Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. Ecotoxicology and Environmental Safety, 2021, 227, 112944.	2.9	13
31	Determination of citalopram in fish brain tissue: benefits of coupling laser diode thermal desorption with low- and high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 4353-4361.	1.9	10
32	De facto reuse at the watershed scale: Seasonal changes, population contributions, instream flows and water quality hazards of human pharmaceuticals. Environmental Pollution, 2021, 268, 115888.	3.7	10
33	Desorption of pharmaceuticals and illicit drugs from different stabilized sludge types across pH. Water Research, 2022, 220, 118651.	5.3	10
34	Psychoactive compounds at environmental concentration alter burrowing behavior in the freshwater crayfish. Science of the Total Environment, 2020, 711, 135138.	3.9	9
35	Host-parasite interaction as a toxicity test endpoint using asymmetrical exposures. Aquatic Toxicology, 2019, 211, 173-180.	1.9	8
36	Environmental concentration of methamphetamine induces pathological changes in brown trout (Salmo trutta fario). Chemosphere, 2020, 254, 126882.	4.2	8

#	Article	IF	Citations
37	Associations between pharmaceutical contaminants, parasite load and health status in brown trout exposed to sewage effluent in a small stream. Ecohydrology and Hydrobiology, 2021, 21, 233-243.	1.0	8
38	Environmentally relevant levels of four psychoactive compounds vary in their effects on freshwater fish condition: a brain concentration evidence approach. PeerJ, 2020, 8, e9356.	0.9	8
39	The effects of the herbicides terbuthylazine and metazachlor at environmental concentration on the burrowing behaviour of red swamp crayfish. Chemosphere, 2021, 270, 128656.	4.2	7
40	Pharmaceutical contamination and biotic factors affecting parasitism in common carp (<i>Cyprinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	4
41	Invertebrates differentially bioaccumulate pharmaceuticals: Implications for routine biomonitoring. Environmental Pollution, 2022, 309, 119715.	3.7	4
42	Investigation of diltiazem metabolism in fish using a hybrid quadrupole/orbital trap mass spectrometer. Rapid Communications in Mass Spectrometry, 2016, 30, 1153-1162.	0.7	3
43	Comparison of passive sampling and biota for monitoring of tonalide in aquatic environment. Environmental Science and Pollution Research, 2017, 24, 22251-22257.	2.7	3
44	Cardiac and Locomotor Responses to Acute Stress in Signal Crayfish Pacifastacus leniusculus Exposed to Methamphetamine at an Environmentally Relevant Concentration. International Journal of Environmental Research and Public Health, 2020, 17, 2084.	1.2	3
45	In Vitro Metabolic Transformation of Pharmaceuticals by Hepatic S9 Fractions from Common Carp (Cyprinus carpio). Molecules, 2020, 25, 2690.	1.7	2
46	The sub-lethal toxic effects and bioconcentration of the human pharmaceutical atenolol in rainbow trout (Oncorhynchus mykiss). Toxicology Letters, 2013, 221, S60.	0.4	0
47	Development of LC-HRMS methods for evaluation of metabolic conversion of 5-fluorocytosine at GDEPT procedure. Journal of Pharmaceutical and Biomedical Analysis, 2021, 203, 114168.	1.4	0