

Pharmaceuticals in the aquatic environment: A critical review of the effects in fish

Critical Reviews in Toxicology

40, 287-304

DOI: [10.3109/10408440903373590](https://doi.org/10.3109/10408440903373590)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Identification of a New Antidepressant and its Glucuronide Metabolite in Water Samples Using Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 8161-8168.	3.2	70
2	Green pharmacy and pharmEcovigilance: prescribing and the planet. <i>Expert Review of Clinical Pharmacology</i> , 2011, 4, 211-232.	1.3	52
3	Hepatic Transcriptomics and Protein Expression in Rainbow Trout Exposed to Municipal Wastewater Effluent. <i>Environmental Science & Technology</i> , 2011, 45, 2368-2376.	4.6	68
4	Synthetic Glucocorticoids in the Environment: First Results on Their Potential Impacts on Fish. <i>Environmental Science & Technology</i> , 2011, 45, 2377-2383.	4.6	71
5	Exposure to municipal wastewater effluent impacts stress performance in rainbow trout. <i>Aquatic Toxicology</i> , 2011, 103, 85-91.	1.9	47
6	Isolation of Tn1546-like elements in vancomycin-resistant <i>Enterococcus faecium</i> isolated from wood frogs: an emerging risk for zoonotic bacterial infections to humans. <i>Journal of Applied Microbiology</i> , 2011, 110, 35-43.	1.4	13
7	Computational estimation of rainbow trout estrogen receptor binding affinities for environmental estrogens. <i>Toxicology and Applied Pharmacology</i> , 2011, 250, 322-326.	1.3	18
8	Dietary intake of 17 β -ethinylestradiol promotes leukocytes infiltration in the gonad of the hermaphrodite gilthead seabream. <i>Molecular Immunology</i> , 2011, 48, 2079-2086.	1.0	40
9	Can pharmaceuticals interfere with the synthesis of active androgens in male fish? An in vitro study. <i>Marine Pollution Bulletin</i> , 2011, 62, 2250-2253.	2.3	48
10	Using the fish plasma model for comparative hazard identification for pharmaceuticals in the environment by extrapolation from human therapeutic data. <i>Regulatory Toxicology and Pharmacology</i> , 2011, 61, 261-275.	1.3	46
11	Development of analytical strategies using U-HPLC-MS/MS and LC-ToF-MS for the quantification of micropollutants in marine organisms. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1459-1472.	1.9	98
12	Expression profiling of liver in Java medaka fish exposed to 17 β -estradiol. <i>Molecular and Cellular Toxicology</i> , 2011, 7, 271-281.	0.8	4
13	β -blockers as endocrine disruptors: the potential effects of human β -blockers on aquatic organisms. <i>Journal of Experimental Zoology</i> , 2011, 315A, 251-265.	1.2	68
14	Improved removal of estrogenic and pharmaceutical compounds in sewage effluent by full scale granular activated carbon: Impact on receiving river water. <i>Journal of Hazardous Materials</i> , 2011, 185, 1005-1011.	6.5	197
15	Pharmaceuticals and Personal Care Products in the Environment: What Are the Big Questions?. <i>Environmental Health Perspectives</i> , 2012, 120, 1221-1229.	2.8	1,033
16	Microbial degradation of pharmaceuticals followed by a simple HPLC-DAD method. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 2151-2158.	0.9	9
17	Effects of clotrimazole and amiodarone on early development of amphibian (<i>Xenopus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td (0.6	17
18	Effects of Pharmaceuticals on the Expression of Genes Involved in Detoxification in a Carp Primary Hepatocyte Model. <i>Environmental Science & Technology</i> , 2012, 46, 6306-6314.	4.6	36

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19	Oxidative stress and gene expression in diverse tissues of <i>Oryzias javanicus</i> exposed to 17 β -estradiol. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 263-269.	0.8	13
20	Redox-sensitivity and mobility of selected pharmaceutical compounds in a low flow column experiment. <i>Science of the Total Environment</i> , 2012, 438, 113-121.	3.9	74
21	Pharmaceutical Compounds and Ecosystem Function: An Emerging Research Challenge for Aquatic Ecologists. <i>Ecosystems</i> , 2012, 15, 867-880.	1.6	168
22	Seeking a compromise between pharmaceutical pollution and phosphorus load: Management strategies for Lake Tegel, Berlin. <i>Water Research</i> , 2012, 46, 4153-4163.	5.3	22
23	Direct rapid analysis of multiple PPCPs in municipal wastewater using ultrahigh performance liquid chromatography-tandem mass spectrometry without SPE pre-concentration. <i>Analytica Chimica Acta</i> , 2012, 738, 59-68.	2.6	64
24	In vitro inhibition of cytochrome P450-mediated reactions by gemfibrozil, erythromycin, ciprofloxacin and fluoxetine in fish liver microsomes. <i>Aquatic Toxicology</i> , 2012, 109, 259-266.	1.9	55
25	Venlafaxine and atenolol disrupt epinephrine-stimulated glucose production in rainbow trout hepatocytes. <i>Aquatic Toxicology</i> , 2012, 106-107, 48-55.	1.9	28
26	Low environmental levels of fluoxetine induce spawning and changes in endogenous estradiol levels in the zebra mussel <i>Dreissena polymorpha</i> . <i>Aquatic Toxicology</i> , 2012, 106-107, 123-130.	1.9	75
27	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal): Evaluation of impacts on fish liver, by histopathology, stereology, vitellogenin and CYP1A immunohistochemistry, after sub-acute exposures of the zebrafish model. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 34-45.	2.0	73
28	Gene-class analysis of expression patterns induced by psychoactive pharmaceutical exposure in fathead minnow (<i>Pimephales promelas</i>) indicates induction of neuronal systems. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 109-120.	1.3	23
29	Verapamil does not modify catalytic activity of CYP450 in rainbow trout after long-term exposure. <i>Ecotoxicology and Environmental Safety</i> , 2012, 79, 148-152.	2.9	16
30	Prediction of environmental concentrations of glucocorticoids: The River Thames, UK, as an example. <i>Environment International</i> , 2012, 40, 15-23.	4.8	55
31	Human Pharmaceuticals in the Aquatic Environment: A Review of Recent Toxicological Studies and Considerations for Toxicity Testing. <i>Reviews of Environmental Contamination and Toxicology</i> , 2012, 218, 1-99.	0.7	111
32	Environmental Mass Spectrometry: Emerging Contaminants and Current Issues. <i>Analytical Chemistry</i> , 2012, 84, 747-778.	3.2	548
34	Pharmaceuticals in biota in the aquatic environment: analytical methods and environmental implications. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2611-2624.	1.9	126
35	Psychoactive Pharmaceuticals Induce Fish Gene Expression Profiles Associated with Human Idiopathic Autism. <i>PLoS ONE</i> , 2012, 7, e32917.	1.1	38
36	<i>In vivo</i> and <i>in vitro</i> liver and gill EROD activity in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.1	26
37	Study of the Contributions of Non-specific and Specific Interactions during Fluoxetine Adsorption onto Activated Carbons. <i>Clean - Soil, Air, Water</i> , 2012, 40, 698-705.	0.7	11

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38	Global hepatic gene expression in rainbow trout exposed to sewage effluents: A comparison of different sewage treatment technologies. <i>Science of the Total Environment</i> , 2012, 427-428, 106-114.	3.9	18
39	Changes in lipid content and fatty acid composition along the reproductive cycle of the freshwater mussel <i>Dreissena polymorpha</i> : Its modulation by clofibrate exposure. <i>Science of the Total Environment</i> , 2012, 432, 195-201.	3.9	24
40	Drug Disposal Among Hospice Home Care Nurses: A Pilot Study of Current Practice and Attitudes. <i>Journal of Pain and Symptom Management</i> , 2012, 43, 287-292.	0.6	11
41	An Ecological Perspective on Medical Care: Environmental, Occupational, and Public Health Impacts of Medical Supply and Pharmaceutical Chains. <i>EcoHealth</i> , 2013, 10, 257-267.	0.9	13
42	Sources, factors, mechanisms and possible solutions to pollutants in marine ecosystems. <i>Environmental Pollution</i> , 2013, 182, 461-478.	3.7	45
43	Ozonation of metoprolol in aqueous solution: ozonation by-products and mechanisms of degradation. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3115-3121.	2.7	35
44	Volumetric and viscometric studies of cefepime hydrochloride in water and normal saline from (278.15 to 313.15)K. <i>Journal of Chemical Thermodynamics</i> , 2013, 66, 14-21.	1.0	26
45	Lower-dose prescribing: Minimizing "side effects" of pharmaceuticals on society and the environment. <i>Science of the Total Environment</i> , 2013, 443, 324-337.	3.9	106
46	Pollution in mediterranean-climate rivers. <i>Hydrobiologia</i> , 2013, 719, 427-450.	1.0	28
47	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.	3.9	27
48	Densities and viscosities of cefodizime sodium in water and normal saline from (278.15 to 313.15)K. <i>Thermochimica Acta</i> , 2013, 568, 189-195.	1.2	13
49	"Read this and be safe!"™ Comparison of regulatory processes for communicating risks of personal care products to European and South African consumers. <i>Environmental Sciences Europe</i> , 2013, 25, .	2.6	12
50	The trouble with salmon: relating pollutant exposure to toxic effect in species with transformational life histories and lengthy migrations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1252-1264.	0.7	22
51	Determination of estrogenic steroids and microbial and photochemical degradation of 17 β -ethinylestradiol (EE2) in lake surface water, a case study. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1529.	1.7	81
52	Genomic and phenotypic response of hornyhead turbot exposed to municipal wastewater effluents. <i>Aquatic Toxicology</i> , 2013, 140-141, 174-184.	1.9	17
53	Uptake of human pharmaceuticals in bull sharks (<i>Carcharhinus leucas</i>) inhabiting a wastewater-impacted river. <i>Science of the Total Environment</i> , 2013, 456-457, 196-201.	3.9	52
54	Concentration"response relationships and temporal patterns in hepatic gene expression of Chinook salmon (<i>Oncorhynchus tshawytscha</i>) exposed to sewage. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 32-44.	0.4	9
55	Clotrimazole, but not dexamethasone, is a potent in vitro inhibitor of cytochrome P450 isoforms CYP1A and CYP3A in rainbow trout. <i>Chemosphere</i> , 2013, 92, 1099-1104.	4.2	43

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56	Sensing of Carboxylate Drugs in Urine by a Supramolecular Sensor Array. <i>Journal of the American Chemical Society</i> , 2013, 135, 7705-7712.	6.6	131
57	Metal and pharmaceutical mixtures: Is ion loss the mechanism underlying acute toxicity and widespread additive toxicity in zebrafish?. <i>Aquatic Toxicology</i> , 2013, 140-141, 257-267.	1.9	46
58	The effects of diclofenac on early life stages of common carp (<i>Cyprinus carpio</i>). <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 454-460.	2.0	57
59	The adsorption of salicylic acid, acetylsalicylic acid and atenolol from aqueous solutions onto natural zeolites and clays: Clinoptilolite, bentonite and kaolin. <i>Microporous and Mesoporous Materials</i> , 2013, 166, 185-194.	2.2	87
60	Interactions of pharmaceuticals and other xenobiotics on key detoxification mechanisms and cytoskeleton in <i>Poeciliopsis lucida</i> hepatocellular carcinoma, PLHC-1 cell line. <i>Toxicology in Vitro</i> , 2013, 27, 111-120.	1.1	24
61	The Ecology of Dying. <i>Advances in Medical Sociology</i> , 2013, , 195-215.	0.1	1
62	The effects of subchronic exposure to ketoprofen on early developmental stages of common carp. <i>Acta Veterinaria Brno</i> , 2013, 82, 343-347.	0.2	24
64	Estrogenic Endocrine Disrupting Chemicals in Fish. <i>Fish Physiology</i> , 2013, 33, 257-307.	0.2	4
65	The Effect of PhACs on Biological Communities in Rivers. <i>Comprehensive Analytical Chemistry</i> , 2013, , 649-670.	0.7	2
66	Deciphering Emerging Toxicological Effects of Pharmaceuticals on Aquatic Organisms by Using <i>Daphnia magna</i> and <i>Danio rerio</i> as Model Organisms. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 611-647.	0.7	7
67	Analysis of Pharmaceutical Compounds in Biota. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 169-193.	0.7	6
68	The Effect of 17 β -Ethinylestradiol on Steroidogenesis and Gonadal Cytokine Gene Expression Is Related to the Reproductive Stage in Marine Hermaphrodite Fish. <i>Marine Drugs</i> , 2013, 11, 4973-4992.	2.2	30
69	Individual and Mixture Toxicity of Pharmaceuticals Naproxen, Carbamazepine, and Sulfamethoxazole to Australian Striped Marsh Frog Tadpoles (<i>Limnodynastes peronii</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 337-345.	1.1	46
70	Detection and drivers of exposure and effects of pharmaceuticals in higher vertebrates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130570.	1.8	77
71	Medicating the environment: assessing risks of pharmaceuticals to wildlife and ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130569.	1.8	306
72	The <i>vas:egfp</i> transgenic zebrafish: A practical model for studies on the molecular mechanisms by which environmental estrogens affect gonadal sex differentiation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 602-605.	2.2	10
73	Avian scavengers and the threat from veterinary pharmaceuticals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130574.	1.8	78
74	The challenge: Do pharmaceuticals present a risk to the environment, and what needs to be done to answer the question?. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1915-1915.	2.2	10

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75	Degradation of fluoroquinolone antibiotics and identification of metabolites/transformation products by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1333, 87-98.	1.8	96
76	Levonorgestrel exposure to fathead minnows (<i>Pimephales promelas</i>) alters survival, growth, steroidogenic gene expression and hormone production. <i>Aquatic Toxicology</i> , 2014, 148, 152-161.	1.9	52
77	A review on removing pharmaceutical contaminants from wastewater by constructed wetlands: Design, performance and mechanism. <i>Science of the Total Environment</i> , 2014, 468-469, 908-932.	3.9	441
78	Deiodinases and thyroid metabolism disruption in teleost fish. <i>Environmental Research</i> , 2014, 135, 361-375.	3.7	64
79	Toxicological effects of clofibric acid and diclofenac on plasma thyroid hormones of an Indian major carp, <i>Cirrhinus mrigala</i> during short and long-term exposures. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 948-958.	2.0	41
80	<i>In response</i>: Industry perspective. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1915-1918.	2.2	1
81	<i>In response</i>: Governmental perspective. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1918-1920.	2.2	0
82	Simultaneous determination of pharmaceutical and personal care products in wastewater by capillary electrophoresis with head-column field-amplified sample stacking. <i>Analytical Methods</i> , 2014, 6, 7978-7983.	1.3	17
83	Evaluating the treatment of a synthetic wastewater containing a pharmaceutical and personal care product chemical cocktail: Compound removal efficiency and effects on juvenile rainbow trout. <i>Water Research</i> , 2014, 62, 271-280.	5.3	24
84	Effects of selected xenobiotics on hepatic and plasmatic biomarkers in juveniles of <i>Solea senegalensis</i> . <i>Environmental Research</i> , 2014, 135, 227-235.	3.7	27
85	A new approach for plasma (xeno)metabolomics based on solid-phase extraction and nanoflow liquid chromatography-nanoelectrospray ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1365, 72-85.	1.8	63
86	<i>In Vitro</i> Interaction of Emerging Contaminants with the Cytochrome P450 System of Mediterranean Deep-Sea Fish. <i>Environmental Science & Technology</i> , 2014, 48, 12327-12335.	4.6	27
87	Environmental side effects of pharmaceutical cocktails: What we know and what we should know. <i>Journal of Hazardous Materials</i> , 2014, 279, 169-189.	6.5	226
88	Environmental levels of the antidepressant venlafaxine impact the metabolic capacity of rainbow trout. <i>Aquatic Toxicology</i> , 2014, 155, 190-198.	1.9	50
89	Fate and transport of selected estrogen compounds in Hawaii soils: Effect of soil type and macropores. <i>Journal of Contaminant Hydrology</i> , 2014, 166, 1-10.	1.6	29
90	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.	3.9	30
91	Uptake and effects of a mixture of widely used therapeutic drugs in <i>Eruca sativa</i> L. and <i>Zea mays</i> L. plants. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 52-57.	2.9	60
92	Bioavailability of the imidazole antifungal agent clotrimazole and its effects on key biotransformation genes in the common carp (<i>Cyprinus carpio</i>). <i>Aquatic Toxicology</i> , 2014, 152, 57-65.	1.9	35

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93	Biochemical and standard toxic effects of acetaminophen on the macrophyte species <i>Lemna minor</i> and <i>Lemna gibba</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 10815-10822.	2.7	49
94	A specific, highly enriching and "green" method for hollow fiber liquid phase microextraction of ionizable pharmaceuticals from fish tissue. <i>Analytical Methods</i> , 2014, 6, 6031-6037.	1.3	15
95	Persistent endocrine disruption effects in medaka fish with early life-stage exposure to a triazole-containing aromatase inhibitor (letrozole). <i>Journal of Hazardous Materials</i> , 2014, 277, 141-149.	6.5	37
96	Cytotoxicity of binary mixtures of human pharmaceuticals in a fish cell line: Approaches for non-monotonic concentration-response relationships. <i>Chemosphere</i> , 2014, 108, 334-342.	4.2	19
97	Human pharmaceutical products in the environment " The "problem" in perspective. <i>Chemosphere</i> , 2014, 115, 95-99.	4.2	101
98	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.	3.9	108
99	Pathology working group review of histopathologic specimens from three laboratory studies of diclofenac in trout. <i>Aquatic Toxicology</i> , 2014, 146, 127-136.	1.9	35
100	Simulation of the fate of selected pharmaceuticals and personal care products in a highly impacted reach of a Canadian watershed. <i>Science of the Total Environment</i> , 2014, 485-486, 193-204.	3.9	33
101	Two azole fungicides (carcinogenic triadimefon and non-carcinogenic myclobutanil) exhibit different hepatic cytochrome P450 activities in medaka fish. <i>Journal of Hazardous Materials</i> , 2014, 277, 150-158.	6.5	42
102	The progestin levonorgestrel disrupts gonadotropin expression and sex steroid levels in pubertal roach (<i>Rutilus rutilus</i>). <i>Aquatic Toxicology</i> , 2014, 154, 154-162.	1.9	43
103	Delayed Behavioral Effects of Early Life Toxicant Exposures in Aquatic Biota. <i>Toxics</i> , 2014, 2, 165-187.	1.6	51
106	A Comparison of the Environmental Impact of Different AOPs: Risk Indexes. <i>Molecules</i> , 2015, 20, 503-518.	1.7	4
107	Modeling the Photocatalytic Mineralization in Water of Commercial Formulation of Estrogens 17- β Estradiol (E2) and Norgestrel Acetate in Contraceptive Pills in a Solar Powered Compound Parabolic Collector. <i>Molecules</i> , 2015, 20, 13354-13373.	1.7	19
108	Role of serotonin in fish reproduction. <i>Frontiers in Neuroscience</i> , 2015, 9, 195.	1.4	94
109	Potential Harmful Effects of Carbamazepine on Aquatic Organisms, A Study Using Ants as Invertebrate Models. <i>International Journal of Biology</i> , 2015, 7, .	0.1	4
110	Bioaccumulation of Emerging Contaminants in Aquatic Biota: Patterns of Pharmaceuticals in Mediterranean River Networks. <i>Handbook of Environmental Chemistry</i> , 2015, , 121-141.	0.2	5
111	An in vitro screening with emerging contaminants reveals inhibition of carboxylesterase activity in aquatic organisms. <i>Aquatic Toxicology</i> , 2015, 169, 215-222.	1.9	28
112	Molecular pathways associated with the intersex condition in rainbow darter (<i>Etheostoma</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 B. <i>Aquatic Toxicology</i> , 2015, 159, 302-316.	1.9	43

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113	Pharmaceuticals in the freshwater invertebrate, <i>Gammarus pulex</i> , determined using pulverised liquid extraction, solid phase extraction and liquid chromatography-tandem mass spectrometry. <i>Science of the Total Environment</i> , 2015, 511, 153-160.	3.9	59
114	Chronic effects of clofibrac acid in zebrafish (<i>Danio rerio</i>): A multigenerational study. <i>Aquatic Toxicology</i> , 2015, 160, 76-86.	1.9	49
115	Long-term exposure to environmentally relevant concentrations of progesterone and norgestrel affects sex differentiation in zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2015, 160, 172-179.	1.9	95
116	Responses to various exposure durations of levonorgestrel during early-life stages of fathead minnows (<i>Pimephales promelas</i>). <i>Aquatic Toxicology</i> , 2015, 161, 33-40.	1.9	14
117	Ecotoxicogenomic assessment of diclofenac toxicity in soil. <i>Environmental Pollution</i> , 2015, 199, 253-260.	3.7	36
118	An analysis of unused and expired medications in Mexican households. <i>International Journal of Clinical Pharmacy</i> , 2015, 37, 121-126.	1.0	39
119	Piscine cytochromes P450 (CYP) and their response to antimicrobial drugs. <i>Aquaculture Research</i> , 2015, 46, 257-271.	0.9	11
121	Ecotoxicological Risk of Personal Care Products and Pharmaceuticals. , 2015, , 383-416.		8
122	Towards spatially smart abatement of human pharmaceuticals in surface waters: Defining impact of sewage treatment plants on susceptible functions. <i>Water Research</i> , 2015, 81, 356-365.	5.3	43
123	Multi-generational effects of propranolol on <i>Daphnia magna</i> at different environmental concentrations. <i>Environmental Pollution</i> , 2015, 206, 188-194.	3.7	27
124	Do Pharmaceuticals Pose a Threat to Primary Producers?. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 2565-2610.	6.6	59
125	The Efficacy of Ozone/BAC Treatment on Non-Steroidal Anti-Inflammatory Drug Removal from Drinking Water and Surface Water. <i>Ozone: Science and Engineering</i> , 2015, 37, 343-356.	1.4	22
126	A review of the effects of azole compounds in fish and their possible involvement in masculinization of wild fish populations. <i>Critical Reviews in Toxicology</i> , 2015, 45, 453-467.	1.9	28
127	Photo-Fenton reaction in the presence of morphologically controlled hematite as iron source. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 307-308, 99-107.	2.0	54
128	Transcriptional changes in African clawed frogs (<i>Xenopus laevis</i>) exposed to 17 β -ethynylestradiol during early development. <i>Ecotoxicology</i> , 2015, 24, 321-329.	1.1	1
129	Introduction of human pharmaceuticals from wastewater treatment plants into the aquatic environment: a rural perspective. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10559-10568.	2.7	42
130	Rapid analysis of diclofenac in freshwater and wastewater by a monoclonal antibody-based highly sensitive ELISA. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8873-8882.	1.9	45
131	Pharmaceuticals and personal care products in waters: occurrence, toxicity, and risk. <i>Environmental Chemistry Letters</i> , 2015, 13, 381-394.	8.3	280

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132	Characterization of cefalexin degradation capabilities of two <i>Pseudomonas</i> strains isolated from activated sludge. <i>Journal of Hazardous Materials</i> , 2015, 282, 158-164.	6.5	58
133	Chronic diclofenac (DCF) exposure alters both enzymatic and haematological profile of African catfish, <i>Clarias gariepinus</i> . <i>Drug and Chemical Toxicology</i> , 2015, 38, 383-390.	1.2	34
134	Determination and occurrence of endocrine disrupting compounds, pharmaceuticals and personal care products in fish (<i>Morone saxatilis</i>). <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 475-481.	3.3	28
135	The adsorption of pharmaceutically active compounds from aqueous solutions onto activated carbons. <i>Journal of Hazardous Materials</i> , 2015, 282, 141-149.	6.5	157
136	Performance of different advanced oxidation technologies for the abatement of the beta-blocker metoprolol. <i>Catalysis Today</i> , 2015, 240, 86-92.	2.2	28
137	Particle-water interactions of platinum-based anticancer drugs in river water and estuarine water. <i>Chemosphere</i> , 2015, 119, 415-422.	4.2	17
138	Do hormone-modulating chemicals impact on reproduction and development of wild amphibians?. <i>Biological Reviews</i> , 2015, 90, 1100-1117.	4.7	88
139	Effects of the pharmaceuticals diclofenac and metoprolol on gene expression levels of enzymes of biotransformation, excretion pathways and estrogenicity in primary hepatocytes of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 167, 51-57.	1.3	46
140	Development of an extraction and purification method for the determination of multi-class pharmaceuticals and endocrine disruptors in freshwater invertebrates. <i>Talanta</i> , 2015, 132, 373-381.	2.9	73
141	Phytoextraction, phytotransformation and rhizodegradation of ibuprofen associated with <i>Typha angustifolia</i> in a horizontal subsurface flow constructed wetland. <i>Water Research</i> , 2016, 102, 294-304.	5.3	61
142	Chronic effects of hydroxypropyl- β -cyclodextrin on reproduction in the American flagfish (<i>Jordanella floridae</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 10615-10629.	2.2	1
143	Emerging Contaminants in River Ecosystems. <i>Handbook of Environmental Chemistry</i> , 2016, , .	0.2	9
144	Simvastatin effects on detoxification mechanisms in <i>Danio rerio</i> embryos. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10615-10629.	2.7	29
145	Chronic fluoxetine treatment induces anxiolytic responses and altered social behaviors in medaka, <i>Oryzias latipes</i> . <i>Behavioural Brain Research</i> , 2016, 303, 126-136.	1.2	63
146	Impacts of Environmental Colloids on the Transport of 17β -estradiol in Intact Soil Cores. <i>Soil and Sediment Contamination</i> , 2016, 25, 164-180.	1.1	7
147	Pressurized liquid extraction followed by liquid chromatography with tandem mass spectrometry to determine pharmaceuticals in mussels. <i>Journal of Separation Science</i> , 2016, 39, 741-747.	1.3	15
148	UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14908-14917.	2.7	42
149	Insights into the molecular mechanism of the responses for <i>Cyperus alternifolius</i> to PhACs stress in constructed wetlands. <i>Chemosphere</i> , 2016, 164, 278-289.	4.2	19

#	ARTICLE	IF	CITATIONS
150	Drugs of environmental concern modify <i>Solea senegalensis</i> physiology and biochemistry in a temperature-dependent manner. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20937-20951.	2.7	12
151	Effect of oxidation and catalytic reduction of trace organic contaminants on their activated carbon adsorption. <i>Chemosphere</i> , 2016, 165, 191-201.	4.2	17
152	Bioaccumulation and biotransformation of the beta-blocker propranolol in multigenerational exposure to <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2016, 216, 811-818.	3.7	21
153	Bioaccumulation of five pharmaceuticals at multiple trophic levels in an aquatic food web - Insights from a field experiment. <i>Science of the Total Environment</i> , 2016, 568, 208-215.	3.9	110
155	Diclofenac removal by simulated solar assisted photocatalysis using TiO ₂ -based zeolite catalyst; mechanisms, pathways and environmental aspects. <i>Chemical Engineering Journal</i> , 2016, 304, 289-302.	6.6	113
156	High-throughput pyrosequencing analysis of bacteria relevant to cometabolic and metabolic degradation of ibuprofen in horizontal subsurface flow constructed wetlands. <i>Science of the Total Environment</i> , 2016, 562, 604-613.	3.9	52
157	Assessment of the effects of the carbamazepine on the endogenous endocrine system of <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 17311-17321.	2.7	40
158	Evolution of estrogen receptors in ray-finned fish and their comparative responses to estrogenic substances. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 189-197.	1.2	18
159	Metformin and Other Pharmaceuticals Widespread in Wadeable Streams of the Southeastern United States. <i>Environmental Science and Technology Letters</i> , 2016, 3, 243-249.	3.9	77
160	Kinetic determination of vitellogenin induction in the epidermis of cyprinid and perciform fishes: Evaluation of sensitive enzyme-linked immunosorbent assays. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2916-2930.	2.2	14
161	Commercializing chemical warfare: citrus, cyanide, and an endless war. <i>Agriculture and Human Values</i> , 2016, 33, 3-26.	1.7	12
162	Long-term exposure to fluoxetine reduces growth and reproductive potential in the dominant rocky intertidal mussel, <i>Mytilus californianus</i> . <i>Science of the Total Environment</i> , 2016, 545-546, 621-628.	3.9	32
163	Uptake, depuration, and bioconcentration of two pharmaceuticals, roxithromycin and propranolol, in <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 85-93.	2.9	27
164	Behavioral and biochemical adjustments of the zebrafish <i>Danio rerio</i> exposed to the β -blocker propranolol. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 199, 105-114.	0.7	23
165	Altered bioenergetics and developmental effects in striped marsh frog (<i>Limnodynastes peronii</i>) tadpoles exposed to UV treated sewage. <i>Aquatic Toxicology</i> , 2016, 175, 30-38.	1.9	9
166	Population-level consequences for wild fish exposed to sublethal concentrations of chemicals – a critical review. <i>Fish and Fisheries</i> , 2016, 17, 545-566.	2.7	119
167	Mesoporous silica based MCM-41 as solid-phase extraction sorbent combined with micro-liquid chromatography-quadrupole-mass spectrometry for the analysis of pharmaceuticals in waters. <i>Talanta</i> , 2016, 152, 378-391.	2.9	24
168	Bioconcentration and endocrine disruption effects of diazepam in channel catfish, <i>Ictalurus punctatus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 183-184, 46-52.	1.3	18

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169	Large scale preparation of Cu-doped γ -FeOOH nanoflowers and their photo-Fenton-like catalytic degradation of diclofenac sodium. <i>Chemical Engineering Journal</i> , 2016, 291, 174-183.	6.6	111
170	Effects of carbamazepine on cortisol levels and behavioral responses to stress in the fish <i>Jenynsia multidentata</i> . <i>Physiology and Behavior</i> , 2016, 158, 68-75.	1.0	30
171	Developmental exposures to an azole fungicide triadimenol at environmentally relevant concentrations cause reproductive dysfunction in females of medaka fish. <i>Chemosphere</i> , 2016, 152, 181-189.	4.2	39
172	Organic Cation Transporters. , 2016, , .		1
173	Role of Transporters for Organic Cations in Plants for Environmental Cycling of Pharmaceutical Residues. , 2016, , 243-256.		1
174	Bioconcentration, metabolism and half-life time of the human therapeutic drug diltiazem in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Chemosphere</i> , 2016, 144, 154-159.	4.2	25
175	Early life exposure to a rodent carcinogen propiconazole fungicide induces oxidative stress and hepatocarcinogenesis in medaka fish. <i>Aquatic Toxicology</i> , 2016, 170, 52-61.	1.9	41
176	Method for quantifying NSAIDs and clofibric acid in aqueous samples, lumpfish (<i>Cyclopterus lumpus</i>) roe, and zebrafish (<i>Danio rerio</i>) eleutheroembryos and evaluation of their bioconcentration in zebrafish eleutheroembryos. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10907-10918.	2.7	9
177	Biodegradation of the veterinary antibiotics enrofloxacin and ceftiofur and associated microbial community dynamics. <i>Science of the Total Environment</i> , 2017, 581-582, 359-368.	3.9	130
178	Development of a common carp (<i>Cyprinus carpio</i>) pregnane X receptor (cPXR) transactivation reporter assay and its activation by azole fungicides and pharmaceutical chemicals. <i>Toxicology in Vitro</i> , 2017, 41, 114-122.	1.1	13
179	Returning to normal? Assessing transcriptome recovery over time in male rainbow darter (<i>Etheostoma caeruleum</i>) liver in response to wastewater treatment plant upgrades. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2108-2122.	2.2	17
180	Evaluation of DNA damage and physiological responses in Nile tilapia, <i>Oreochromis niloticus</i> (Linnaeus, 1758) exposed to sub-lethal diclofenac (DCF). <i>Aquatic Toxicology</i> , 2017, 186, 205-214.	1.9	34
181	Persistent organic pollutants in Pakistan: Potential threat to ecological integrities in terms of genotoxicity and oxidative stress. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 1249-1271.	1.7	12
182	Investigating Research Gaps of Pharmaceutical take back Events: An Analysis of take back Program Participants' Socioeconomic, Demographic, and Geographic Characteristics and the Public Health Benefits of take back Programs. <i>Environmental Management</i> , 2017, 59, 871-884.	1.2	22
183	Chemical pollution and ecotoxicology. , 2017, , 547-587.		7
184	Occurrence of 25 pharmaceuticals in Taihu Lake and their removal from two urban drinking water treatment plants and a constructed wetland. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14889-14902.	2.7	45
185	Degradation kinetics of pollutants present in a simulated wastewater matrix using UV/TiO ₂ photocatalysis and its microbiological toxicity assessment. <i>Research on Chemical Intermediates</i> , 2017, 43, 6317-6341.	1.3	41
186	Organic Micropollutants in the Environment: Ecotoxicity Potential and Methods for Remediation. , 2017, , 65-99.		16

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187	Derivation and Evaluation of Putative Adverse Outcome Pathways for the Effects of Cyclooxygenase Inhibitors on Reproductive Processes in Female Fish. <i>Toxicological Sciences</i> , 2017, 156, 344-361.	1.4	14
188	An evaluation of behavioural endpoints: The pharmaceutical pollutant fluoxetine decreases aggression across multiple contexts in round goby (<i>Neogobius melanostomus</i>). <i>Chemosphere</i> , 2017, 175, 401-410.	4.2	35
189	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , 2017, 114, 316-326.	5.3	52
190	Adaptive capabilities and fitness consequences associated with pollution exposure in fish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160042.	1.8	63
191	Quantitative structure-property relationships for predicting sorption of pharmaceuticals to sewage sludge during waste water treatment processes. <i>Science of the Total Environment</i> , 2017, 579, 1512-1520.	3.9	28
192	Nanoscale wide-band semiconductors for photocatalytic remediation of aquatic pollution. <i>Environmental Science and Pollution Research</i> , 2017, 24, 25775-25797.	2.7	33
193	Prozac in the water: Chronic fluoxetine exposure and predation risk interact to shape behaviors in an estuarine crab. <i>Ecology and Evolution</i> , 2017, 7, 9151-9161.	0.8	24
194	Widespread occurrence and potential for biodegradation of bioactive contaminants in Congaree National Park, USA. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3045-3056.	2.2	21
195	Microbial community response during the treatment of pharmaceutically active compounds (PhACs) in constructed wetland mesocosms. <i>Chemosphere</i> , 2017, 186, 823-831.	4.2	59
196	Selective Uptake and Bioaccumulation of Antidepressants in Fish from Effluent-Impacted Niagara River. <i>Environmental Science & Technology</i> , 2017, 51, 10652-10662.	4.6	166
197	Diclofenac degradation using mont-La (6%)-Cu _{0.6} Cd _{0.4} S as photocatalyst under NUV-Vis irradiation. Operational parameters, kinetics and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5636-5644.	3.3	25
198	Obesogens in the aquatic environment: an evolutionary and toxicological perspective. <i>Environment International</i> , 2017, 106, 153-169.	4.8	40
199	Exposure to wastewater effluent affects fish behaviour and tissue-specific uptake of pharmaceuticals. <i>Science of the Total Environment</i> , 2017, 605-606, 578-588.	3.9	57
200	Comparative study of diclofenac-induced embryotoxicity and teratogenesis in <i>Xenopus laevis</i> and <i>Lithobates catesbeianus</i> , using the frog embryo teratogenesis assay: <i>Xenopus</i> (FETAX). <i>Science of the Total Environment</i> , 2017, 574, 467-475.	3.9	36
201	Do pharmaceuticals reach and affect the aquatic ecosystems in Brazil? A critical review of current studies in a developing country. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1200-1218.	2.7	71
202	Food safety in scavenger conservation: Diet-associated exposure to livestock pharmaceuticals and opportunist mycoses in threatened Cinereous and Egyptian vultures. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 292-301.	2.9	43
203	Chronic diclofenac exposure affects gill integrity and pituitary gene expression and displays estrogenic activity in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Chemosphere</i> , 2017, 166, 473-481.	4.2	55
204	Mimicking natural systems: Changes in behavior as a result of dynamic exposure to naproxen. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 347-357.	2.9	26

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205	Assessment of mutagenic, hematological and oxidative stress biomarkers in liver of Nile tilapia, <i>Oreochromis niloticus</i> (Linnaeus, 1758) in response to sublethal verapamil exposure. <i>Drug and Chemical Toxicology</i> , 2017, 40, 286-294.	1.2	20
206	Flexing the PECs: Predicting environmental concentrations of veterinary drugs in Canadian agricultural soils. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 331-341.	1.6	3
207	Bioaccumulation and trophodynamics of the antidepressants sertraline and fluoxetine in laboratory-constructed, level aquatic food chains. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1029-1037.	2.2	28
208	A multi-omic approach to elucidate low-dose effects of xenobiotics in zebrafish (<i>Danio rerio</i>) larvae. <i>Aquatic Toxicology</i> , 2017, 182, 102-112.	1.9	61
209	Effect of antidepressants on circadian rhythms in fish: Insights and implications regarding the design of behavioural toxicity tests. <i>Aquatic Toxicology</i> , 2017, 182, 20-30.	1.9	68
210	Impact of Pharmaceutical Waste on Biodiversity. <i>Handbook of Environmental Chemistry</i> , 2017, , 235-253.	0.2	2
211	Gemfibrozil and carbamazepine decrease steroid production in zebrafish testes (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2018, 198, 1-9.	1.9	26
212	Characterization and risk assessment of seasonal and weather dynamics in organic pollutant mixtures from discharge of a separate sewer system. <i>Water Research</i> , 2018, 135, 122-133.	5.3	53
213	Epigenetics in teleost fish: From molecular mechanisms to physiological phenotypes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 210-244.	0.7	107
214	Enhanced oxidation of antibiotics by ferrate(VI)-sulfur(IV) system: Elucidating multi-oxidant mechanism. <i>Chemical Engineering Journal</i> , 2018, 341, 137-145.	6.6	90
215	Two common mild analgesics have no effect on general endocrine mediated endpoints in zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 204, 63-70.	1.3	2
216	Use of Terrestrial Plants for Phytoremediation of Pollutants from Solutions. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1753-1759.	0.7	5
218	Biotransformation and oxidative stress responses in rat hepatic cell-line (H4IIE) exposed to racemic ketoprofen (RS-KP) and its enantiomer, dexketoprofen (S(+)-KP). <i>Environmental Toxicology and Pharmacology</i> , 2018, 59, 199-207.	2.0	6
219	Responses of <i>Labeo rohita</i> fingerlings to N-acetyl-p-aminophenol toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 73-80.	2.9	10
220	Effects of low concentrations of ibuprofen on freshwater fish <i>Rhamdia quelen</i> . <i>Environmental Toxicology and Pharmacology</i> , 2018, 59, 105-113.	2.0	74
221	Potential of plant species for phytoremediation of metformin from solutions. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 593-598.	1.8	11
222	Testis transcriptome alterations in zebrafish (<i>Danio rerio</i>) with reduced fertility due to developmental exposure to 17 β -ethinyl estradiol. <i>General and Comparative Endocrinology</i> , 2018, 262, 44-58.	0.8	20
223	Masculinization and reproductive effects in western mosquitofish (<i>Gambusia affinis</i>) after long-term exposure to androstenedione. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 509-515.	2.9	42

#	ARTICLE	IF	CITATIONS
224	Acute exposure to an environmentally relevant concentration of diclofenac elicits oxidative stress in the culturally important galaxiid fish <i>Galaxias maculatus</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 224-235.	2.2	29
225	Metal-mediated oxidation of fluoroquinolone antibiotics in water: A review on kinetics, transformation products, and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2018, 344, 1136-1154.	6.5	138
226	Derivation of aquatic predicted no-effect concentration (PNEC) for ibuprofen and sulfamethoxazole based on various toxicity endpoints and the associated risks. <i>Chemosphere</i> , 2018, 193, 223-229.	4.2	33
227	Effects of ibuprofen and carbamazepine on the ion transport system and fatty acid metabolism of temperature conditioned juveniles of <i>Solea senegalensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 693-701.	2.9	11
228	Assessing recovery of in vitro steroid production in male rainbow darter (<i>Etheostoma</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 501-514.	2.2	3
229	Molecularly imprinted poly(meta-phenylenediamine) based QCM sensor for detecting Amoxicillin. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 766-774.	4.0	54
230	Organic contaminants in African aquatic systems: Current knowledge, health risks, and future research directions. <i>Science of the Total Environment</i> , 2018, 619-620, 1493-1514.	3.9	115
231	Illicit drug ketamine induces adverse effects from behavioral alterations and oxidative stress to p53-regulated apoptosis in medaka fish under environmentally relevant exposures. <i>Environmental Pollution</i> , 2018, 237, 1062-1071.	3.7	22
232	Effects of environmentally relevant metformin exposure on Japanese medaka (<i>Oryzias latipes</i>). <i>Aquatic Toxicology</i> , 2018, 205, 58-65.	1.9	47
233	Environmentally-relevant mixture of pharmaceutical drugs stimulates sex-steroid hormone production and modulates the expression of candidate genes in the ovary of juvenile female rainbow trout. <i>Aquatic Toxicology</i> , 2018, 205, 89-99.	1.9	16
234	Antibiotic Residue in the Aquatic Environment: Status in Africa. <i>Open Chemistry</i> , 2018, 16, 890-903.	1.0	51
235	Degradation of diclofenac by H ₂ O ₂ activated with pre-magnetization Fe ₀ : Influencing factors and degradation pathways. <i>Chemosphere</i> , 2018, 212, 853-862.	4.2	51
236	Environmentally relevant concentrations of tramadol and citalopram alter behaviour of an aquatic invertebrate. <i>Aquatic Toxicology</i> , 2018, 200, 226-232.	1.9	54
237	Effects of acute and chronic exposures of fluoxetine on the Chinese fish, topmouth gudgeon <i>Pseudorasbora parva</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 104-113.	2.9	32
238	Acute stress response of fathead minnows caged downstream of municipal wastewater treatment plants in the Bow River, Calgary. <i>PLoS ONE</i> , 2018, 13, e0198177.	1.1	9
239	Chronic exposure to diclofenac induces delayed mandibular defects in medaka (<i>Oryzias latipes</i>) in a sex-dependent manner. <i>Chemosphere</i> , 2018, 210, 139-146.	4.2	24
240	Pharmaceuticals, hormones, pesticides, and other bioactive contaminants in water, sediment, and tissue from Rocky Mountain National Park, 2012–2013. <i>Science of the Total Environment</i> , 2018, 643, 651-673.	3.9	60
241	Modeling the exposure of wild fish to endocrine active chemicals: Potential linkages of total estrogenicity to field-observed intersex. <i>Water Research</i> , 2018, 139, 187-197.	5.3	30

#	ARTICLE	IF	CITATIONS
242	Sublethal and chronic effects of reclaimed water on aquatic organisms. Looking for relationships between physico-chemical characterisation and toxic effects. <i>Science of the Total Environment</i> , 2018, 640-641, 1537-1547.	3.9	15
243	Carbamazepine as a Possible Anthropogenic Marker in Water: Occurrences, Toxicological Effects, Regulations and Removal by Wastewater Treatment Technologies. <i>Water (Switzerland)</i> , 2018, 10, 107.	1.2	124
244	Bioactive contaminants of emerging concern in National Park waters of the northern Colorado Plateau, USA. <i>Science of the Total Environment</i> , 2018, 636, 910-918.	3.9	34
245	Effects of waterborne exposure to the antidepressant fluoxetine on swimming, shoaling and anxiety behaviours of the mosquitofish <i>Gambusia holbrooki</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 646-655.	2.9	44
246	Subchronic toxicity and hepatocyte apoptosis of dietary olaquinox in common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50 58	2.9	9
247	Water and Aquatic Fauna on Drugs: What are the Impacts of Pharmaceutical Pollution?. <i>Water Science and Technology Library</i> , 2018, , 255-278.	0.2	9
249	Trace Metals in the Freshwater Fish <i>Cyprinus carpio</i> : Effect to Serum Biochemistry and Oxidative Status Markers. <i>Biological Trace Element Research</i> , 2019, 188, 494-507.	1.9	30
250	Biodegradation of oxytetracycline and enrofloxacin by autochthonous microbial communities from estuarine sediments. <i>Science of the Total Environment</i> , 2019, 648, 962-972.	3.9	65
251	Effects of short-time exposure to atrazine on miRNA expression profiles in the gonad of common carp (<i>Cyprinus carpio</i>). <i>BMC Genomics</i> , 2019, 20, 587.	1.2	13
252	Mass loads, source apportionment, and risk estimation of organic micropollutants from hospital and municipal wastewater in recipient catchments. <i>Chemosphere</i> , 2019, 234, 931-941.	4.2	77
253	Assessing the potential effects of nevirapine in South African surface water on fish growth: A chronic exposure of <i>Oreochromis mossambicus</i> . <i>South African Journal of Science</i> , 2019, 115, .	0.3	2
254	No additive genetic variance for tolerance to ethynylestradiol exposure in natural populations of brown trout (<i>Salmo trutta</i>). <i>Evolutionary Applications</i> , 2019, 12, 940-950.	1.5	13
255	Effect of untreated pharmaceutical plant effluent on cardiac Na ⁺ -K ⁺ -ATPase and Ca ²⁺ -Mg ²⁺ -ATPase activities in mice (<i>Mus Musculus</i>). <i>Toxicology Reports</i> , 2019, 6, 439-443.	1.6	9
256	Biotoxicity of diclofenac on two larval amphibians: Assessment of development, growth, cardiac function and rhythm, behavior and antioxidant system. <i>Science of the Total Environment</i> , 2019, 683, 624-637.	3.9	39
257	Removal of pharmaceuticals and personal care products using constructed wetlands: effective plant-bacteria synergism may enhance degradation efficiency. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21109-21126.	2.7	68
258	Environmental Transformation of Pharmaceutical Formulations: A Scientific Review. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 155-161.	2.1	18
259	Parental gemfibrozil exposure impacts zebrafish F1 offspring, but not subsequent generations. <i>Aquatic Toxicology</i> , 2019, 212, 194-204.	1.9	10
260	Emerging investigator series: towards a framework for establishing the impacts of pharmaceuticals in wastewater irrigation systems on agro-ecosystems and human health. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 605-622.	1.7	55

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261	Chronic amoxicillin exposure affects <i>Labeo rohita</i> : assessment of hematological, ionic compounds, biochemical, and enzymological activities. <i>Heliyon</i> , 2019, 5, e01434.	1.4	7
262	Optimization of screening-level risk assessment and priority selection of emerging pollutants â€“ The case of pharmaceuticals in European surface waters. <i>Environment International</i> , 2019, 128, 1-10.	4.8	214
263	Behavioural alterations induced by the anxiolytic pollutant oxazepam are reversible after depuration in a freshwater fish. <i>Science of the Total Environment</i> , 2019, 665, 390-399.	3.9	18
264	Molecular cloning, characterization of <i>dax1</i> gene and its response to progesterone in <i>Misgurnus anguillicaudatus</i> . <i>Drug and Chemical Toxicology</i> , 2019, 42, 624-633.	1.2	3
265	Correlating effluent concentrations and bench-scale experiments to assess the transformation of endocrine active compounds in wastewater by UV or chlorination disinfection. <i>Chemosphere</i> , 2019, 226, 565-575.	4.2	14
266	Developmental and Fullâ€“Life Cycle Exposures to Guanylurea and Guanylureaâ€“Metformin Mixtures Results in Adverse Effects on Japanese Medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1023-1028.	2.2	26
267	Biomarker and behavioural responses of an estuarine fish following acute exposure to fluoxetine. <i>Marine Environmental Research</i> , 2019, 147, 24-31.	1.1	28
268	A rapid zebrafish embryo behavioral biosensor that is capable of detecting environmental Î²-blockers. <i>Environmental Pollution</i> , 2019, 250, 493-502.	3.7	9
269	A parsimonious transport model of emerging contaminants at the river network scale. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 573-593.	1.9	6
270	Cumulative effects of municipal effluent and parasite infection in yellow perch: A field study using high-throughput RNA-sequencing. <i>Science of the Total Environment</i> , 2019, 665, 797-809.	3.9	18
271	Waterborne pharmaceutical uptake and toxicity is modified by pH and dissolved organic carbon in zebrafish. <i>Aquatic Toxicology</i> , 2019, 210, 11-18.	1.9	31
272	Utilization of naproxen by <i>Amycolatopsis</i> sp. Poz 14 and detection of the enzymes involved in the degradation metabolic pathway. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 186.	1.7	10
273	Occurrence of selected pharmaceuticals in industrial wastewater, receiving waters and fish. <i>African Journal of Aquatic Science</i> , 2019, 44, 401-408.	0.5	15
274	Dispersed GaOOH rods loaded on the surface of ZnBiNbO ₅ particles with enhanced photocatalytic activity toward enrofloxacin. <i>RSC Advances</i> , 2019, 9, 32027-32033.	1.7	8
275	Efficient degradation of diclofenac by LaFeO ₃ -Catalyzed peroxymonosulfate oxidation—kinetics and toxicity assessment. <i>Chemosphere</i> , 2019, 218, 299-307.	4.2	83
276	Mixed-chemical exposure and predicted effects potential in Wadeable southeastern USA streams. <i>Science of the Total Environment</i> , 2019, 655, 70-83.	3.9	40
277	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 46-60.	2.2	150
278	Hatching success and survival of fish early life stages in a chronic exposure to nevirapine: a case study of the Mozambique tilapia. <i>International Journal of Environmental Health Research</i> , 2019, 29, 441-456.	1.3	5

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279	Evaluation of pharmaceutical toxic effects of non-standard endpoints on the macrophyte species <i>Lemna minor</i> and <i>Lemna gibba</i> . <i>Science of the Total Environment</i> , 2019, 657, 926-937.	3.9	58
280	Investigating tissue bioconcentration and the behavioural effects of two pharmaceutical pollutants on sea trout (<i>Salmo trutta</i>) in the laboratory and field. <i>Aquatic Toxicology</i> , 2019, 207, 170-178.	1.9	26
281	An affordable photocatalyst for pharmaceuticals and superior electrocatalyst for methanol oxidation – A dual role by CuWO ₄ anchored bentonite clay. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 563, 148-159.	2.3	23
282	Enhanced accessibility of active sites in hierarchical ZSM-5 zeolite for removal of pharmaceutically active substances: Adsorption and microcalorimetric study. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1945-1954.	2.3	16
283	Ecological safety hazards of wastewater. , 2020, , 101-123.		4
284	Photosynthetic toxicity of non-steroidal anti-inflammatory drugs (NSAIDs) on green algae <i>Scenedesmus obliquus</i> . <i>Science of the Total Environment</i> , 2020, 707, 136176.	3.9	59
285	Urban effluents affect the early development stages of Brazilian fish species with implications for their population dynamics. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109907.	2.9	9
286	Environmentally relevant concentrations of the common anxiolytic pharmaceutical oxazepam do not have acute effect on spawning behavior in mature male Atlantic salmon (<i>Salmo salar</i>) parr. <i>Journal of Applied Ichthyology</i> , 2020, 36, 105-112.	0.3	3
287	Psychoactive compounds at environmental concentration alter burrowing behavior in the freshwater crayfish. <i>Science of the Total Environment</i> , 2020, 711, 135138.	3.9	9
288	Chronic simultaneous exposure of common carp (<i>Cyprinus carpio</i>) from embryonic to juvenile stage to drospirenone and gestodene at low ng/L level caused intersex. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109912.	2.9	21
289	Exposure and potential effects of pesticides and pharmaceuticals in protected streams of the US National park Service southeast region. <i>Science of the Total Environment</i> , 2020, 704, 135431.	3.9	23
290	Development of an analytical method to quantify pharmaceuticals in fish tissues by liquid chromatography-tandem mass spectrometry detection and application to environmental samples. <i>Journal of Chromatography A</i> , 2020, 1633, 461612.	1.8	19
291	Effects of antidepressants in the reproduction of aquatic organisms: a meta-analysis. <i>Aquatic Toxicology</i> , 2020, 227, 105569.	1.9	21
292	Kinetics and mechanism of reactive radical mediated fluconazole degradation by the UV/chlorine process: Experimental and theoretical studies. <i>Chemical Engineering Journal</i> , 2020, 402, 126224.	6.6	44
293	Effects of selective serotonin reuptake inhibitor sertraline on hybrid striped bass predatory behavior and brain chemistry. <i>Aquatic Toxicology</i> , 2020, 226, 105564.	1.9	6
294	A multi-residue method by supercritical fluid chromatography coupled with tandem mass spectrometry method for the analysis of chiral and non-chiral chemicals of emerging concern in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5563-5581.	1.9	17
295	Molluscan Compounds Provide Drug Leads for the Treatment and Prevention of Respiratory Disease. <i>Marine Drugs</i> , 2020, 18, 570.	2.2	10
296	Ciprofloxacin, diclofenac, ibuprofen and 17 β -ethinylestradiol differentially affect the activity of acetogens and methanogens in anaerobic communities. <i>Ecotoxicology</i> , 2020, 29, 866-875.	1.1	19

#	ARTICLE	IF	CITATIONS
297	Prevalence and Practice of Unused and Expired Medicine – A Community-Based Study among Saudi Adults in Riyadh, Saudi Arabia. <i>BioMed Research International</i> , 2020, 2020, 1-5.	0.9	14
298	Sustainability in the Operating Room. <i>Anesthesiology Clinics</i> , 2020, 38, 679-692.	0.6	35
299	Neuromodulatory and oxidative stress evaluations in African catfish <i>Clarias gariepinus</i> exposed to antipsychotic drug chlorpromazine. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1318-1324.	1.2	9
300	Fluoxetine Arrests Growth of the Model Diatom <i>Phaeodactylum tricornutum</i> by Increasing Oxidative Stress and Altering Energetic and Lipid Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 1803.	1.5	37
301	Degradation of Ampicillin and Flucloxacillin Antibiotics via Oxidation by Alkaline Hexacyanoferrate(III): Kinetics and Mechanistic Aspects. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 16217-16224.	1.8	10
302	Biological Technologies Used for the Removal of Nonsteroidal Anti-inflammatory Drugs. <i>Handbook of Environmental Chemistry</i> , 2020, , 303-320.	0.2	0
303	Use of Masson's and Jones's Dole equations to study different types of interactions of three pharmacologically important drugs in ethanol. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1552-1562.	0.8	7
304	New Conceptual Toxicokinetic Model to Assess Synergistic Mixture Effects between the Aromatic Hydrocarbon 1 ² -Naphthoflavone and the Azole Nocardazole on the CYP1A Biomarker in a Fish Cell Line. <i>Environmental Science & Technology</i> , 2020, 54, 13748-13758.	4.6	2
305	Anti-saprolegnia potency of some plant extracts against <i>Saprolegnia diclina</i> , the causative agent of saprolegniasis. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1482-1487.	1.8	12
306	Removal of beta blockers using polyelectrolyte monolayered membrane and its antifouling performance. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 87, 222-233.	2.9	2
307	Can salicylic acid modulate biochemical, physiological and population alterations in a macrophyte species under chemical stress by diclofenac?. <i>Science of the Total Environment</i> , 2020, 739, 139715.	3.9	8
308	Effects of chronic exposure to a pharmaceutical mixture on the three-spined stickleback (<i>Gasterosteus aculeatus</i>) population dynamics in lotic mesocosms. <i>Aquatic Toxicology</i> , 2020, 224, 105499.	1.9	9
309	Environmental toxicology: aquatic. , 2020, , 263-278.		0
310	Landfill leachate contributes per-/poly-fluoroalkyl substances (PFAS) and pharmaceuticals to municipal wastewater. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1300-1311.	1.2	72
311	Evaluating the potential role of bioactive chemicals on the distribution of invasive Asian carp upstream and downstream from river mile 278 in the Illinois waterway. <i>Science of the Total Environment</i> , 2020, 735, 139458.	3.9	13
312	Assaying waterborne psychoactive drugs by the response to naturalistic predator cues in the stickleback (<i>Gasterosteus aculeatus</i>). <i>Science of the Total Environment</i> , 2020, 737, 140257.	3.9	2
313	Selective adsorption of ketoconazole from aqueous solutions using a new molecularly imprinted polyurethane coated magnetic multiwall carbon nanotubes. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 785-798.	1.3	3
314	Ecotoxicological effects of the azole antifungal agent clotrimazole on the macrophyte species <i>Lemna minor</i> and <i>Lemna gibba</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 237, 108835.	1.3	13

#	ARTICLE	IF	CITATIONS
315	Pharmaceuticals as emerging micropollutants in aquatic environments. , 2020, , 35-90.		9
316	Toxic effects of environmentally realistic concentrations of diclofenac in organisms from two distinct trophic levels, <i>Hediste diversicolor</i> and <i>Solea senegalensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 231, 108722.	1.3	23
317	A Novel Reduced Graphene Oxide-Attapulgite (RGO-ATP) Supported Fe ₂ O ₃ Catalyst for Heterogeneous Fenton-like Oxidation of Ciprofloxacin: Degradation Mechanism and Pathway. <i>Catalysts</i> , 2020, 10, 189.	1.6	15
318	Selected Pharmaceuticals in Different Aquatic Compartments: Part I – Source, Fate and Occurrence. <i>Molecules</i> , 2020, 25, 1026.	1.7	65
319	Coupling River Concentration Simulations with a Toxicokinetic Model Effectively Predicts the Internal Concentrations of Wastewater-Derived Micropollutants in Field Gammarids. <i>Environmental Science & Technology</i> , 2020, 54, 1710-1719.	4.6	6
320	Surface-Bound Humic Acid Increased Propranolol Sorption on Fe ₃ O ₄ /Attapulgite Magnetic Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 205.	1.9	12
321	Multi-region assessment of pharmaceutical exposures and predicted effects in USA wadeable urban-gradient streams. <i>PLoS ONE</i> , 2020, 15, e0228214.	1.1	34
322	Retrospective screening of high-resolution mass spectrometry archived digital samples can improve environmental risk assessment of emerging contaminants: A case study on antifungal azoles. <i>Environment International</i> , 2020, 139, 105708.	4.8	23
323	Intensified pharmaceutical and personal care products removal in an electrolysis-integrated tidal flow constructed wetland. <i>Chemical Engineering Journal</i> , 2020, 394, 124860.	6.6	38
324	Progesterone affects the transcription of genes in the circadian rhythm signaling and hypothalamic-pituitary-gonadal axes and changes the sex ratio in crucian carp (<i>Carassius auratus</i>). <i>Environmental Toxicology and Pharmacology</i> , 2020, 77, 103378.	2.0	6
325	Multi-residue determination of micropollutants in Nigerian fish from Lagos lagoon using ultrasound assisted extraction, solid phase extraction and ultra-high-performance liquid chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2020, 12, 2114-2122.	1.3	4
326	Selected Pharmaceuticals in Different Aquatic Compartments: Part II – Toxicity and Environmental Risk Assessment. <i>Molecules</i> , 2020, 25, 1796.	1.7	36
327	Nonsteroidal anti-inflammatory drugs (NSAIDs) cause male-biased sex differentiation in zebrafish. <i>Aquatic Toxicology</i> , 2020, 223, 105476.	1.9	14
328	Cardiovascular drugs and lipid regulating agents in surface waters at global scale: Occurrence, ecotoxicity and risk assessment. <i>Science of the Total Environment</i> , 2020, 729, 138770.	3.9	50
329	Ecotoxicological effects of organic micro-pollutants on the environment. , 2020, , 481-501.		14
330	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.	1.0	8
331	The use of an in vitro approach to assess marine invertebrate carboxylesterase responses to chemicals of environmental concern. <i>Environmental Toxicology and Pharmacology</i> , 2021, 82, 103561.	2.0	11
332	Accumulation of human pharmaceuticals and activity of biotransformation enzymes in fish from two areas of the lower Rio de la Plata Basin. <i>Chemosphere</i> , 2021, 266, 129012.	4.2	14

#	ARTICLE	IF	CITATIONS
333	The pharmaceutical prednisone affects sheepshead minnow (<i>Cyprinodon variegatus</i>) metabolism and swimming performance. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 253, 110851.	0.8	1
334	Biomonitoring the effects of urban-stream waters on the health status of pale chub (<i>Zacco platypus</i>): A comparative analysis of biological indexes and biomarker levels. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111452.	2.9	8
335	Pharmaceutical pollutants. , 2021, , 107-131.		2
336	Development of effective potassium acetate extractant. <i>RSC Advances</i> , 2021, 11, 10860-10865.	1.7	2
337	Effects of acute triclosan exposure on gill and liver tissues of zebrafish (<i>Danio rerio</i>). <i>Annales De Limnologie</i> , 2021, 57, 6.	0.6	5
338	Photodegradation and Removal of Diclofenac by the Green Alga <i>Nannochloropsis oculata</i> . <i>Phyton</i> , 2021, 90, 1519-1533.	0.4	4
339	Beyond the patient: Advanced techniques to help predict the fate and effects of pharmaceuticals in the environment. , 2021, , 217-235.		1
340	Impact, disease outbreak and the eco-hazards associated with pharmaceutical residues: a Critical review. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 677-688.	1.8	57
341	Nonsteroidal anti-inflammatory drugs act as endocrine disruptors in <i>Astyanax lacustris</i> (Teleostei). <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.9	8
342	Evaluation of the effect of carbamazepine on the concentration of vitellogenin in <i>Pseudoplatystoma magdaleniatum</i> . <i>Aquatic Ecosystem Health and Management</i> , 2021, 24, 130-139.	0.3	0
343	Pharmaceutical effluent: a critical link in the interconnected ecosystem promoting antimicrobial resistance. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32111-32124.	2.7	51
344	Temporal and Spatial Variability of Micropollutants in a Brazilian Urban River. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 142-154.	2.1	10
345	Inhibition of swim bladder inflation in Japanese medaka (<i>Oryzias latipes</i>) embryos following exposure to select pharmaceuticals alone and in combination. <i>Aquatic Toxicology</i> , 2021, 234, 105796.	1.9	8
346	Pharmaceuticals in source waters of 95 First Nations in Canada. <i>Canadian Journal of Public Health</i> , 2021, 112, 133-153.	1.1	15
347	Activated Carbon for Pharmaceutical Removal at Point-of-Entry. <i>Processes</i> , 2021, 9, 1091.	1.3	11
348	Exposure via biotransformation: Oxazepam reaches predicted pharmacological effect levels in European perch after exposure to temazepam. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112246.	2.9	6
349	Synthesis of ZnFe ₂ O ₄ @UiO-66 nanocomposite for the photocatalytic degradation of metronidazole antibiotic under visible light irradiation. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1583-1596.	1.4	13
350	Assessment on the adverse effects on different kinds of fish induced by methamphetamine during the natural attenuation process based on adverse outcome pathway. <i>Science of the Total Environment</i> , 2021, 780, 146587.	3.9	3

#	ARTICLE	IF	CITATIONS
351	Predicting Micropollutant Removal by Reverse Osmosis and Nanofiltration Membranes: Is Machine Learning Viable?. <i>Environmental Science & Technology</i> , 2021, 55, 11348-11359.	4.6	44
352	Photocatalytic Hydrogen Production from Urine Using Sr-Doped TiO ₂ Photocatalyst with Subsequent Phosphorus Recovery via Struvite Crystallization. <i>Catalysts</i> , 2021, 11, 1012.	1.6	0
353	Sustainable and Green Engineering Insights on Deep Eutectic Solvents toward the Extraction of Nutraceuticals. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11290-11313.	3.2	23
354	Abundance, fate, and effects of pharmaceuticals and personal care products in aquatic environments. <i>Journal of Hazardous Materials</i> , 2022, 424, 127284.	6.5	138
355	Exposure to wastewater effluent disrupts hypoxia responses in killifish (<i>Fundulus heteroclitus</i>). <i>Environmental Pollution</i> , 2021, 284, 117373.	3.7	8
356	A Review on Environmental Contaminants-Related Fertility Threat in Male Fishes: Effects and Possible Mechanisms of Action Learned from Wildlife and Laboratory Studies. <i>Animals</i> , 2021, 11, 2817.	1.0	5
357	Systematic review of reptile reproductive toxicology to inform future research directions on endangered or threatened species, such as sea turtles. <i>Environmental Pollution</i> , 2021, 286, 117470.	3.7	18
358	Water temperature affects the biotransformation and accumulation of a psychoactive pharmaceutical and its metabolite in aquatic organisms. <i>Environment International</i> , 2021, 155, 106705.	4.8	31
359	An investigation into the biological effects of indirect potable reuse water using zebrafish embryos. <i>Science of the Total Environment</i> , 2021, 789, 147981.	3.9	1
360	(Eco)toxicological tests for assessing impacts of chemical stress to aquatic ecosystems: Facts, challenges, and future. <i>Science of the Total Environment</i> , 2021, 795, 148776.	3.9	59
361	Prioritization and environmental risk assessment of pharmaceuticals mixtures from Brazilian surface waters. <i>Environmental Pollution</i> , 2021, 288, 117803.	3.7	16
362	Nanoadsorbents and nanocatalysts for decontamination of aqueous environment. , 2021, , 403-435.		0
363	Advances in the Bioremediation of Pharmaceuticals and Personal Care Products (PPCPs): Polluted Water and Soil. <i>Microorganisms for Sustainability</i> , 2021, , 323-358.	0.4	2
364	Chronic levels of ibuprofen induces haematotoxic and histopathology damage in the gills, liver, and kidney of the African sharp-tooth catfish (<i>Clarias gariepinus</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 25603-25613.	2.7	9
365	Heteroditopic receptor flexibility “an important design principle for effective ion pair extractants based on carboxylate studies. <i>New Journal of Chemistry</i> , 2021, 45, 18635-18640.	1.4	0
366	Effects of pH on salicylic acid toxicity in terms of biomarkers determined in the marine gastropod <i>Gibbula umbilicalis</i> . <i>Marine Environmental Research</i> , 2020, 158, 104995.	1.1	10
367	Bioaccumulation of pharmaceutically active compounds and endocrine disrupting chemicals in aquatic macrophytes: Results of hydroponic experiments with <i>Echinodorus horemanii</i> and <i>Eichhornia crassipes</i> . <i>Science of the Total Environment</i> , 2017, 601-602, 812-820.	3.9	72
368	Ecotoxicology, Environmental Risk Assessment and Potential Impact on Human Health. <i>Issues in Environmental Science and Technology</i> , 2015, , 180-215.	0.4	2

#	ARTICLE	IF	CITATIONS
369	Impacts of Pharmaceuticals on Terrestrial Wildlife. <i>Issues in Environmental Science and Technology</i> , 2015, , 216-254.	0.4	4
370	An Assessment of the Spatial and Temporal Variability of Biological Responses to Municipal Wastewater Effluent in Rainbow Darter (<i>Etheostoma caeruleum</i>) Collected along an Urban Gradient. <i>PLoS ONE</i> , 2016, 11, e0164879.	1.1	27
371	Pharmaceutical Metabolism in Fish: Using a 3-D Hepatic In Vitro Model to Assess Clearance. <i>PLoS ONE</i> , 2017, 12, e0168837.	1.1	44
372	Effects of Letrozole on Gonad Differentiation of Carp (<i>Cyprinus carpio</i>). <i>Pakistan Journal of Zoology</i> , 2017, 49, .	0.1	1
373	Trends in the Bioremediation of Pharmaceuticals and Other Organic Contaminants Using Native or Genetically Modified Microbial Strains: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 787-824.	0.9	13
374	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.	0.9	8
375	Evidence of the impacts of pharmaceuticals on aquatic animal behaviour: a systematic map protocol. <i>Environmental Evidence</i> , 2021, 10, .	1.1	6
377	Veterinary Medicines and the Environment. <i>Issues in Toxicology</i> , 2012, , 365-402.	0.2	0
380	Occurrence and Fate of Human and Veterinary Medicinal Products. , 2018, , 659-721.		1
382	The Extent of Inadequate Drug Storage: A Household Survey in Jatinegara, East Jakarta. <i>Asian Journal of Applied Sciences</i> , 2018, 6, .	0.2	1
383	Algae- and bacteria-driven technologies for pharmaceutical remediation in wastewater. , 2020, , 373-408.		7
384	Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112944.	2.9	13
385	Study of volumetric, viscometric, and aggregation properties of losartan potassium and its interaction with amino acids and cetyltrimethylammonium bromide in aqueous solution. <i>Journal of Physical Organic Chemistry</i> , 2021, 34, e4179.	0.9	1
386	Proximate causes and ultimate effects of common antidepressants, fluoxetine and venlafaxine, on fish behavior. <i>Science of the Total Environment</i> , 2022, 807, 150846.	3.9	34
387	Exposure to effluent from pharmaceutical industry induced cytogenotoxicity, hematological and histopathological alterations in (Burchell, 1822). <i>EXCLI Journal</i> , 2019, 18, 63-78.	0.5	13
388	Remediation of pharmaceuticals from wastewater <i>via</i> computationally selected molecularly imprinted polymers. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 196-204.	1.7	4
391	Medicines as an emergent contaminant: the review of microbial biodegradation potential. <i>Folia Microbiologica</i> , 2022, 67, 157-174.	1.1	12
392	Bioconcentration of neuroactive pharmaceuticals in fish: Relation to lipophilicity, experimental design and toxicity in the aquatic environment. <i>Science of the Total Environment</i> , 2022, 812, 152543.	3.9	20

#	ARTICLE	IF	CITATIONS
393	Potential of the Constructed Wetlands and the Earthworm-Based Treatment Technologies to Remove the Emerging Contaminants: A Review. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2022, 26, .	1.2	22
394	Investigation of potential behavioral and physiological effects of caffeine on <i>D. magna</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 43237-43250.	2.7	5
395	Contaminants of Emerging Concern in the Lower Volta River, Ghana, West Africa: The Agriculture, Aquaculture, and Urban Development Nexus. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 369-381.	2.2	9
396	Short-term exposure to pharmaceuticals negatively impacts marine flatfish species: Histological, biochemical and molecular clues for an integrated ecosystem risk assessment. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103822.	2.0	0
397	Assessing the exposure to human and veterinary pharmaceuticals in waterbirds: The use of feathers for monitoring antidepressants and nonsteroidal anti-inflammatory drugs. <i>Science of the Total Environment</i> , 2022, 821, 153473.	3.9	12
398	Evaluation of uptake of the cytostatic methotrexate in <i>Elliptio complanata</i> mussels by LC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45303-45313.	2.7	2
399	Aquatic bioaccessibility of tetracycline antibiotics to higher fauna: Prediction based on the water-column/sediment partition coefficient. <i>Scientific African</i> , 2022, 15, e01113.	0.7	1
400	Effects of Pharmaceutical Waste in Aquatic Life. , 2021, , 441-452.		2
401	Investigation of genotoxicity, mutagenicity, and cytotoxicity in erythrocytes of Nile tilapia (<i>Oreochromis niloticus</i>) after fluoxetine exposure. <i>Toxicology Reports</i> , 2022, 9, 588-596.	1.6	9
402	Oxytetracycline Degrading Potential of <i>Lysinibacillus</i> sp. Strain 3+I Isolated from Poultry Manure. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	1
403	Fluoxetine-induced neurotoxicity at environmentally relevant concentrations in adult zebrafish <i>Danio rerio</i> . <i>NeuroToxicology</i> , 2022, 90, 121-129.	1.4	11
404	Levels and effects of antidepressant drugs to aquatic organisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 256, 109322.	1.3	12
405	Exposure to diclofenac alters thyroid hormone levels and transcription of genes involved in the hypothalamic-pituitary-thyroid axis in zebrafish embryos/larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109335.	1.3	2
406	Bioremediation of micropollutants. , 2022, , 387-405.		1
407	Usage and disposal strategies of environmental micropollutants. , 2022, , 339-363.		0
408	Occurrence and fate of micropollutants in air. , 2022, , 305-313.		1
409	Maternal transfer of pharmaceuticals and personal care products in the Brazilian guitarfish <i>Pseudobatos horkelii</i> . <i>Environmental Advances</i> , 2022, 8, 100228.	2.2	4
410	Emerging contaminants and organic micropollutants. , 2022, , 343-373.		0

#	ARTICLE	IF	CITATIONS
411	Integrative multi-biomarker approach on caged rainbow trout: A biomonitoring tool for wastewater treatment plant effluents toxicity assessment. <i>Science of the Total Environment</i> , 2022, 838, 155912.	3.9	4
412	Pharmaceutical contamination and biotic factors affecting parasitism in common carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.9	4
414	Knowledge, perception and practice of pharmaceutical waste disposal among the public in Lagos State, Nigeria. <i>Pan African Medical Journal</i> , 0, 42, .	0.3	1
415	Multiple anthropogenic stressors in the Galápagos Islands' complex social-ecological system: Interactions of marine pollution, fishing pressure, and climate change with management recommendations. <i>Integrated Environmental Assessment and Management</i> , 2023, 19, 870-895.	1.6	12
416	Fluoxetine induces photochemistry-derived oxidative stress on <i>Ulva lactuca</i> . <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
417	Metformin Contamination in Global Waters: Biotic and Abiotic Transformation, Byproduct Generation and Toxicity, and Evaluation as a Pharmaceutical Indicator. <i>Environmental Science & Technology</i> , 2022, 56, 13528-13545.	4.6	22
418	Transport of oxytetracycline through saturated porous media: role of surface chemical heterogeneity. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 2368-2377.	1.7	1
419	Exposure to levonorgestrel-based birth control pill in early life and its persistent effects in zebrafish. <i>Environmental Toxicology and Pharmacology</i> , 2022, 96, 104006.	2.0	3
420	Neuroactive pharmaceuticals in estuaries: Occurrence and tissue-specific bioaccumulation in multiple fish species. <i>Environmental Pollution</i> , 2023, 316, 120531.	3.7	8
421	Effects of fluoxetine on fish: What do we know and where should we focus our efforts in the future?. <i>Science of the Total Environment</i> , 2023, 857, 159486.	3.9	9
422	Transcriptome signatures of wastewater effluent exposure in larval zebrafish vary with seasonal mixture composition in an effluent-dominated stream. <i>Science of the Total Environment</i> , 2023, 856, 159069.	3.9	4
423	The use of feathers of Sandwich tern (<i>Thalasseus sandvicensis</i>) for the non-destructive monitoring of emerging pollutants in coastal habitats. , 2022, , .		0
424	Occurrence of Pharmaceutical and Pesticide Transformation Products in Freshwater: Update on Environmental Levels, Toxicological Information and Future Challenges. <i>Reviews of Environmental Contamination and Toxicology</i> , 2022, 260, .	0.7	2
425	Effects of chemical pollution on the behaviour of cichlid fish. <i>Environmental Biology of Fishes</i> , 0, , .	0.4	0
426	Recent Advances in Voltammetric Sensing. , 0, , .		1
427	Household Disposal of Pharmaceuticals in Low-Income Settings: Practices, Health Hazards, and Research Needs. <i>Water (Switzerland)</i> , 2023, 15, 476.	1.2	4
428	Toxicological data bank bridges the gap between environmental risk assessment and green organic chemical design in One Health world. <i>Green Chemistry</i> , 2023, 25, 2170-2219.	4.6	4
429	Effects of the antidepressant fluoxetine on the swimming behaviour of the amphipod <i>Gammarus pulex</i> : Comparison of short-term and long-term toxicity in the laboratory and the semi-field. <i>Science of the Total Environment</i> , 2023, 872, 162173.	3.9	4

#	ARTICLE	IF	CITATIONS
430	Neonicotinoids and pharmaceuticals in hair of the Red fox (<i>Vulpes vulpes</i>) from the Cavallino-Treporti peninsula, Italy. <i>Environmental Research</i> , 2023, 228, 115837.	3.7	2
431	Treatment Trends and Combined Methods in Removing Pharmaceuticals and Personal Care Products from Wastewater—A Review. <i>Membranes</i> , 2023, 13, 158.	1.4	19
432	Wastewater surveillance of 105 pharmaceutical drugs and metabolites by means of ultra-high-performance liquid-chromatography-tandem high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2023, 1693, 463896.	1.8	5
433	On the use of antibiotics in plasticity research: Gastropod shells unveil a tale of caution. <i>Journal of Animal Ecology</i> , 2023, 92, 1055-1064.	1.3	1
434	Fish liver damage related to the wastewater treatment plant effluents. <i>Environmental Science and Pollution Research</i> , 2023, 30, 48739-48768.	2.7	9
435	Enantiospecific Uptake and Depuration Kinetics of Chiral Metoprolol and Venlafaxine in Marine Medaka (<i>Oryzias melastigma</i>): Tissue Distribution and Metabolite Formation. <i>Environmental Science & Technology</i> , 2023, 57, 4471-4480.	4.6	0
436	Pharmaceutical Drugs in Aquatic Environment and their Toxic Effect on <i>Pangasius sp.</i> : An Overview. <i>Toxicology International</i> , 0, , 527-540.	0.1	0
437	Individual and combined effects of amoxicillin and carbamazepine to the marine copepod <i>Tigriopus fulvus</i> . <i>Environmental Science and Pollution Research</i> , 2023, 30, 61672-61681.	2.7	3
438	Present in the Aquatic Environment, Unclear Evidence in Top Predators—The Unknown Effects of Anti-Seizure Medication on Eurasian Otters (<i>Lutra lutra</i>) from Northern Germany. <i>Toxics</i> , 2023, 11, 338.	1.6	0
441	Ecotoxicological QSAR modeling and fate estimation of pharmaceuticals. , 2023, , 539-558.		0
442	Factors Determining the Susceptibility of Fish to Effects of Human Pharmaceuticals. <i>Environmental Science & Technology</i> , 2023, 57, 8845-8862.	4.6	6
443	Environmental Contaminants and Their Impact on Wildlife. , 2023, , 3-26.		0
458	Wastewater Pollution Impacts on Estuarine and Marine Environments. , 2024, , 434-466.		0
464	Comprehensive Methods for the Analysis of Organic Micro pollutants. , 2024, , 129-157.		0
465	Organic Micropollutants in Environment: Origin and Occurrence. , 2024, , 3-23.		0
466	Assessment, Obstacles, and Risk Communication for Organic Micropollutants in the Urban Water. , 2024, , 181-200.		0