Lingtian Xie

List of Publications by Year
in descending order

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80 papers	2,516 citations	172457 29 h-index	233421 45 g-index
81 all docs	81 docs citations	81 times ranked	2522 citing authors

#	Article	IF	Citations
1	Cyclophosphamide affects eye development and locomotion in zebrafish (Danio rerio). Science of the Total Environment, 2022, 805, 150460.	8.0	20
2	Parental exposure to sulfamethazine and nanoplastics alters the gut microbial communities in the offspring of marine madaka (Oryzias melastigma). Journal of Hazardous Materials, 2022, 423, 127003.	12.4	17
3	Chemical characteristics and toxicological effects of leachates from plastics under simulated seawater and fish digest. Water Research, 2022, 209, 117892.	11.3	14
4	Altered life history traits and transcripts of molting- and reproduction-related genes by cadmium in Daphnia magna. Ecotoxicology, 2022, 31, 735-745.	2.4	8
5	Phosphorus fertilization regimes and rates alter Cd extractability in rhizospheric soils and uptake in maize (Zea mays L.). Chemosphere, 2022, 298, 134288.	8.2	8
6	Interactive effects of fluoride and seleno-l-methionine at environmental related concentrations on zebrafish (Danio rerio) liver via the gut-liver axis. Fish and Shellfish Immunology, 2022, 127, 690-702.	3.6	9
7	Occurrence, fate and mass loading of benzodiazepines and their transformation products in eleven wastewater treatment plants in Guangdong province, China. Science of the Total Environment, 2021, 755, 142648.	8.0	23
8	Microplastics decrease the toxicity of triphenyl phosphate (TPhP) in the marine medaka (Oryzias) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	8.0	38
9	Endocrine disrupting effects of binary mixtures of 17Î²-estradiol and testosterone in adult female western mosquitofish (Gambusia affinis). Ecotoxicology and Environmental Safety, 2021, 208, 111566.	6.0	14
10	Fluoride exposure changed the expression of microRNAs in gills of male zebrafish (Danio rerio). Aquatic Toxicology, 2021, 233, 105789.	4.0	5
11	Dietary Seleno-<scp>l</scp>-Methionine Causes Alterations in Neurotransmitters, Ultrastructure of the Brain, and Behaviors in Zebrafish (Danio rerio). Environmental Science & Technology, 2021, 55, 11894-11905.	10.0	39
12	Anticancer drugs in the aquatic ecosystem: Environmental occurrence, ecotoxicological effect and risk assessment. Environment International, 2021, 153, 106543.	10.0	61
13	Levonorgestrel and dydrogesterone affect sex determination via different pathways in zebrafish. Aquatic Toxicology, 2021, 240, 105972.	4.0	6
14	Contamination of drinking water by neonicotinoid insecticides in China: Human exposure potential through drinking water consumption and percutaneous penetration. Environment International, 2021, 156, 106650.	10.0	40
15	Subchronic toxicity of dietary sulfamethazine and nanoplastics in marine medaka (Oryzias) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Environmental Safety, 2021, 226, 112820.	6.0	26
16	Dietary Seleno-<scp>l</scp>-methionine Alters the Microbial Communities and Causes Damage in the Gastrointestinal Tract of Japanese Medaka Oryzias latipes. Environmental Science & Technology, 2021, 55, 16515-16525.	10.0	19
17	Subchronic effects of dietary selenium yeast and selenite on growth performance and the immune and antioxidant systems in Nile tilapia Oreochromis niloticus. Fish and Shellfish Immunology, 2020, 97, 283-293.	3.6	31
18	Selenomethionine exposure affects chondrogenic differentiation and bone formation in Japanese medaka (Oryzias latipes). Journal of Hazardous Materials, 2020, 387, 121720.	12.4	14

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19	The effects of norethindrone on the ontogeny of gene expression along the hypothalamic-pituitary-adrenal and hypothalamic-pituitary-gonadal axes in zebrafish (Danio rerio). Science of the Total Environment, 2020, 747, 141554.	8.0	18
20	Sesamin attenuates histological alterations, oxidative stress and expressions of immune-related genes in liver of zebrafish (Danio rerio) exposed to fluoride. Fish and Shellfish Immunology, 2020, 106, 715-723.	3.6	31
21	Effects of dietary Cu and Zn on the accumulation, oxidative stress and the expressions of immune-related genes in the livers of Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2020, 100, 198-207.	3.6	21
22	Endocrine disruption in western mosquitofish from open and closed aquatic ecosystems polluted by swine farm wastewaters. Environment International, 2020, 137, 105552.	10.0	12
23	Medroxyprogesterone acetate affects eye growth and the transcription of associated genes in zebrafish. Ecotoxicology and Environmental Safety, 2020, 193, 110371.	6.0	15
24	Occurrence, mass loads and risks of bisphenol analogues in the Pearl River Delta region, South China: Urban rainfall runoff as a potential source for receiving rivers. Environmental Pollution, 2020, 263, 114361.	7.5	65
25	Norethindrone alters mating behaviors, ovary histology, hormone production and transcriptional expression of steroidogenic genes in zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2020, 195, 110496.	6.0	11
26	Contamination of neonicotinoid insecticides in soil-water-sediment systems of the urban and rural areas in a rapidly developing region: Guangzhou, South China. Environment International, 2020, 139, 105719.	10.0	82
27	The role of the freshwater oligochaete Limnodrilus hoffmeisteri in the distribution of Se in a water/sediment microcosm. Science of the Total Environment, 2019, 687, 1098-1106.	8.0	5
28	Dydrogesterone affects the transcription of genes in visual cycle and circadian rhythm network in the eye of zebrafish. Ecotoxicology and Environmental Safety, 2019, 183, 109556.	6.0	18
29	Mitigative effects of natural and model dissolved organic matter with different functionalities on the toxicity of methylmercury in embryonic zebrafish. Environmental Pollution, 2019, 252, 616-626.	7.5	13
30	Endocrine disrupting effects in western mosquitofish Gambusia affinis in two rivers impacted by untreated rural domestic wastewaters. Science of the Total Environment, 2019, 683, 61-70.	8.0	27
31	Medroxyprogesterone acetate affects sex differentiation and spermatogenesis in zebrafish. Aquatic Toxicology, 2019, 212, 70-76.	4.0	20
32	Copper caused reproductive endocrine disruption in zebrafish (Danio rerio). Aquatic Toxicology, 2019, 211, 124-136.	4.0	45
33	Use of biological detection methods to assess dioxin-like compounds in sediments of Bohai Bay, China. Ecotoxicology and Environmental Safety, 2019, 173, 339-346.	6.0	16
34	Rapid masculinization and effects on the liver of female western mosquitofish (Gambusia affinis) by norethindrone. Chemosphere, 2019, 216, 94-102.	8.2	20
35	Dydrogesterone affects the transcription of genes in GnRH and steroidogenesis pathways and increases the frequency of atretic follicles in zebrafish (Danio rerio). Chemosphere, 2019, 216, 725-732.	8.2	16
36	Swine farm wastewater discharge causes masculinization of western mosquitofish (Gambusia affinis). Environment International, 2019, 123, 132-140.	10.0	29

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37	Increased coiling frequency linked to apoptosis in the brain and altered thyroid signaling in zebrafish embryos (Danio rerio) exposed to the PBDE metabolite 6-OH-BDE-47. Chemosphere, 2018, 198, 342-350.	8.2	19
38	Alterations of secondary sex characteristics, reproductive histology and behaviors by norgestrel in the western mosquitoï¬sh (Gambusia affinis). Aquatic Toxicology, 2018, 198, 224-230.	4.0	24
39	Individual and binary mixture effects of bisphenol A and lignin-derived bisphenol in Daphnia magna under chronic exposure. Chemosphere, 2018, 191, 779-786.	8.2	18
40	Accumulation, depuration dynamics and effects of dissolved hexavalent chromium in juvenile Japanese medaka (Oryzias latipes). Ecotoxicology and Environmental Safety, 2018, 148, 254-260.	6.0	23
41	Sensitivities of seven algal species to triclosan, fluoxetine and their mixtures. Scientific Reports, 2018, 8, 15361.	3.3	34
42	The differences in bioaccumulation and effects between Se(IV) and Se(VI) in the topmouth gudgeon Pseudorasbora parva. Scientific Reports, 2018, 8, 13860.	3.3	9
43	Effects of acute and chronic exposures of fluoxetine on the Chinese fish, topmouth gudgeon Pseudorasbora parva. Ecotoxicology and Environmental Safety, 2018, 160, 104-113.	6.0	32
44	Selenium accumulation and the effects on the liver of topmouth gudgeon Pseudorasbora parva exposed to dissolved inorganic selenium. Ecotoxicology and Environmental Safety, 2018, 160, 240-248.	6.0	7
45	Dydrogesterone Causes Male Bias and Accelerates Sperm Maturation in Zebrafish (Danio rerio). Environmental Science & Technology, 2018, 52, 8903-8911.	10.0	40
46	The progestin norethindrone affects sex differentiation and alters transcriptional profiles of genes along the hypothalamicâ€“pituitaryâ€“gonadal and hypothalamicâ€“pituitaryâ€“adrenal axes in juvenile zebrafish Dario renio. Aquatic Toxicology, 2018, 201, 31-39.	4.0	33
47	Assessment of metal contamination in the Hun River, China, and evaluation of the fish Zacco platypus and the snail Radix swinhoei as potential biomonitors. Environmental Science and Pollution Research, 2017, 24, 6512-6522.	5.3	7
48	The acute toxicity of bisphenol A and lignin-derived bisphenol in algae, daphnids, and Japanese medaka. Environmental Science and Pollution Research, 2017, 24, 23872-23879.	5.3	29
49	Accumulation and effects of Cr(VI) in Japanese medaka (Oryzias latipes) during chronic dissolved and dietary exposures. Aquatic Toxicology, 2016, 176, 208-216.	4.0	26
50	The bioaccumulation and effects of selenium in the oligochaete Lumbriculus variegatus via dissolved and dietary exposure routes. Aquatic Toxicology, 2016, 178, 1-7.	4.0	15
51	A low level of dietary selenium has both beneficial and toxic effects and is protective against Cd-toxicity in the least killifish Heterandria formosa. Chemosphere, 2016, 161, 358-364.	8.2	29
52	Metal Concentrations in Sediment And Biota of the Huludao Coast in Liaodong Bay and Associated Human and Ecological Health Risks. Archives of Environmental Contamination and Toxicology, 2016, 71, 87-96.	4.1	17
53	Maternal transfer and reproductive effects of Cr(VI) in Japanese medaka (Oryzias latipes) under acute and chronic exposures. Aquatic Toxicology, 2016, 171, 59-68.	4.0	38
54	The chronic effects of lignin-derived bisphenol and bisphenol A in Japanese medaka Oryzias latipes. Aquatic Toxicology, 2016, 170, 199-207.	4.0	43

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55	Bioaccumulation, subcellular distribution, and acute effects of chromium in Japanese medaka (Oryzias latipes). Environmental Toxicology and Chemistry, 2015, 34, 2611-2617.	4.3	20
56	Protective properties of sesamin against fluoride-induced oxidative stress and apoptosis in kidney of carp (Cyprinus carpio) via JNK signaling pathway. Aquatic Toxicology, 2015, 167, 180-190.	4.0	77
57	Fluorideâ€induced apoptosis and expressions of caspase proteins in the kidney of carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Ove	4.0	23
58	Expression of ERK and p-ERK proteins of ERK signaling pathway in the kidneys of fluoride-exposed carp (Cyprinus carpio). Acta Histochemica, 2014, 116, 1337-1341.	1.8	14
59	Mercury bioaccumulation in Southern Appalachian birds, assessed through feather concentrations. Ecotoxicology, 2014, 23, 304-316.	2.4	32
60	Dynamic Selenium Assimilation, Distribution, Efflux, and Maternal Transfer in Japanese Medaka Fed a Diet of Se-enriched Mayflies. Environmental Science & Technology, 2014, 48, 2971-2978.	10.0	31
61	The arsenic content in marketed seafood and associated health risks for the residents of Shandong, China. Ecotoxicology and Environmental Safety, 2014, 102, 168-173.	6.0	43
62	Effects of sodium fluoride on MAPKs signaling pathway in the gills of a freshwater teleost, Cyprinus carpio. Aquatic Toxicology, 2014, 152, 164-172.	4.0	17
63	Effects of fluoride on growth, body composition, and serum biochemical profile in a freshwater teleost, Cyprinus carpio. Environmental Toxicology and Chemistry, 2013, 32, 2315-2321.	4.3	30
64	Tissue distributions of fluoride and its toxicity in the gills of a freshwater teleost, Cyprinus carpio. Aquatic Toxicology, 2013, 130-131, 68-76.	4.0	32
65	Effects of sediment composition on cadmium bioaccumulation in the clam Meretrix meretrix Linnaeus. Environmental Toxicology and Chemistry, 2013, 32, 841-847.	4.3	5
66	Cadmium exposure route affects antioxidant responses in the mayfly Centroptilum triangulifer. Aquatic Toxicology, 2011, 105, 199-205.	4.0	64
67	Quantitative genetics approaches to study evolutionary processes in ecotoxicology; a perspective from research on the evolution of resistance. Ecotoxicology, 2011, 20, 513-523.	2.4	79
68	Trophic transfer of Cd from natural periphyton to the grazing mayfly Centroptilum triangulifer in a life cycle test. Environmental Pollution, 2010, 158, 272-277.	7.5	63
69	Mercury(II) Bioaccumulation and Antioxidant Physiology in Four Aquatic Insects. Environmental Science & Technology, 2009, 43, 934-940.	10.0	41
70	Cadmium biodynamics in the oligochaete Lumbriculus variegatus and its implications for trophic transfer. Aquatic Toxicology, 2008, 86, 265-271.	4.0	25
71	Aquatic insect ecophysiological traits reveal phylogenetically based differences in dissolved cadmium susceptibility. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8321-8326.	7.1	171
72	IN VIVO BIOASSAY-GUIDED FRACTIONATION OF MARINE SEDIMENT EXTRACTS FROM THE SOUTHERN CALIFORNIA BIGHT, USA, FOR ESTROGENIC ACTIVITY. Environmental Toxicology and Chemistry, 2005, 24, 2820.	4.3	83

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73	Evaluation of Estrogenic Activities of Aquatic Herbicides and Surfactants Using an Rainbow Trout Vitellogenin Assay. Toxicological Sciences, 2005, 87, 391-398.	3.1	82
74	METALLOTHIONEIN-LIKE PROTEIN IN THE LEAST KILLIFISH HETERANDRIA FORMOSA AND ITS ROLE IN CADMIUM RESISTANCE. Environmental Toxicology and Chemistry, 2004, 23, 173.	4.3	30
75	FITNESS COST OF RESISTANCE TO CADMIUM IN THE LEAST KILLIFISH (HETERANDRIA FORMOSA). Environmental Toxicology and Chemistry, 2004, 23, 1499.	4.3	90
76	Evaluation of Wetland and Tertiary Wastewater Treatments for Estrogenicity Using In Vivo and In Vitro Assays. Archives of Environmental Contamination and Toxicology, 2004, 48, 81-86.	4.1	21
77	Changes in cadmium accumulation as a mechanism for cadmium resistance in the least killifish Heterandria formosa. Aquatic Toxicology, 2004, 66, 73-81.	4.0	39
78	Responses to selection for cadmium resistance in the least killifish, Heterandria formosa. Environmental Toxicology and Chemistry, 2003, 22, 313-320.	4.3	60
79	RESPONSES TO SELECTION FOR CADMIUM RESISTANCE IN THE LEAST KILLIFISH, HETERANDRIA FORMOSA. Environmental Toxicology and Chemistry, 2003, 22, 313.	4.3	28
80	Responses to selection for cadmium resistance in the least killifish, Heterandria formosa. Environmental Toxicology and Chemistry, 2003, 22, 313-20.	4.3	17