

# Lingtian Xie

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

2,516  
citations

185998

28  
h-index

233125

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 ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , 2022, 805, 150460.	3.9	20
2	Parental exposure to sulfamethazine and nanoplastics alters the gut microbial communities in the offspring of marine medaka ( <i>Oryzias melastigma</i> ). <i>Journal of Hazardous Materials</i> , 2022, 423, 127003.	6.5	17
3	Chemical characteristics and toxicological effects of leachates from plastics under simulated seawater and fish digest. <i>Water Research</i> , 2022, 209, 117892.	5.3	14
4	Altered life history traits and transcripts of molting- and reproduction-related genes by cadmium in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2022, 31, 735-745.	1.1	8
5	Phosphorus fertilization regimes and rates alter Cd extractability in rhizospheric soils and uptake in maize ( <i>Zea mays</i> L.). <i>Chemosphere</i> , 2022, 298, 134288.	4.2	8
6	Interactive effects of fluoride and seleno-l-methionine at environmental related concentrations on zebrafish ( <i>Danio rerio</i> ) liver via the gut-liver axis. <i>Fish and Shellfish Immunology</i> , 2022, 127, 690-702.	1.6	9
7	Occurrence, fate and mass loading of benzodiazepines and their transformation products in eleven wastewater treatment plants in Guangdong province, China. <i>Science of the Total Environment</i> , 2021, 755, 142648.	3.9	23
8	Microplastics decrease the toxicity of triphenyl phosphite (TPHP) in the marine medaka ( <i>Oryzias latipes</i> ). <i>Journal of Hazardous Materials</i> , 2021, 401, 124504.	3.9	38
9	Endocrine disrupting effects of binary mixtures of 17 $\beta$ -estradiol and testosterone in adult female western mosquitofish ( <i>Gambusia affinis</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111566.	2.9	14
10	Fluoride exposure changed the expression of microRNAs in gills of male zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2021, 233, 105789.	1.9	5
11	Dietary Seleno-l-methionine Causes Alterations in Neurotransmitters, Ultrastructure of the Brain, and Behaviors in Zebrafish ( <i>Danio rerio</i> ). <i>Environmental Science &amp; Technology</i> , 2021, 55, 11894-11905.	4.6	39
12	Anticancer drugs in the aquatic ecosystem: Environmental occurrence, ecotoxicological effect and risk assessment. <i>Environment International</i> , 2021, 153, 106543.	4.8	61
13	Levonorgestrel and dydrogesterone affect sex determination via different pathways in zebrafish. <i>Aquatic Toxicology</i> , 2021, 240, 105972.	1.9	6
14	Contamination of drinking water by neonicotinoid insecticides in China: Human exposure potential through drinking water consumption and percutaneous penetration. <i>Environment International</i> , 2021, 156, 106650.	4.8	40
15	Subchronic toxicity of dietary sulfamethazine and nanoplastics in marine medaka ( <i>Oryzias latipes</i> ). <i>Environmental Safety</i> , 2021, 226, 112820.	2.9	26
16	Dietary Seleno-l-methionine Alters the Microbial Communities and Causes Damage in the Gastrointestinal Tract of Japanese Medaka ( <i>Oryzias latipes</i> ). <i>Environmental Science &amp; Technology</i> , 2021, 55, 16515-16525.	4.6	19
17	Subchronic effects of dietary selenium yeast and selenite on growth performance and the immune and antioxidant systems in Nile tilapia <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2020, 97, 283-293.	1.6	31
18	Selenomethionine exposure affects chondrogenic differentiation and bone formation in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Journal of Hazardous Materials</i> , 2020, 387, 121720.	6.5	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 ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , 2020, 747, 141554.	3.9	18
20	Sesamin attenuates histological alterations, oxidative stress and expressions of immune-related genes in liver of zebrafish ( <i>Danio rerio</i> ) exposed to fluoride. <i>Fish and Shellfish Immunology</i> , 2020, 106, 715-723.	1.6	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 ( <i>Oreochromis niloticus</i> ). <i>Fish and Shellfish Immunology</i> , 2020, 100, 198-207.	1.6	21
22	Endocrine disruption in western mosquitofish from open and closed aquatic ecosystems polluted by swine farm wastewaters. <i>Environment International</i> , 2020, 137, 105552.	4.8	12
23	Medroxyprogesterone acetate affects eye growth and the transcription of associated genes in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110371.	2.9	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. <i>Environmental Pollution</i> , 2020, 263, 114361.	3.7	65
25	Norethindrone alters mating behaviors, ovary histology, hormone production and transcriptional expression of steroidogenic genes in zebrafish ( <i>Danio rerio</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110496.	2.9	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. <i>Environment International</i> , 2020, 139, 105719.	4.8	82
27	The role of the freshwater oligochaete <i>Limnodrilus hoffmeisteri</i> in the distribution of Se in a water/sediment microcosm. <i>Science of the Total Environment</i> , 2019, 687, 1098-1106.	3.9	5
28	Dydrogesterone affects the transcription of genes in visual cycle and circadian rhythm network in the eye of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109556.	2.9	18
29	Mitigative effects of natural and model dissolved organic matter with different functionalities on the toxicity of methylmercury in embryonic zebrafish. <i>Environmental Pollution</i> , 2019, 252, 616-626.	3.7	13
30	Endocrine disrupting effects in western mosquitofish <i>Gambusia affinis</i> in two rivers impacted by untreated rural domestic wastewaters. <i>Science of the Total Environment</i> , 2019, 683, 61-70.	3.9	27
31	Medroxyprogesterone acetate affects sex differentiation and spermatogenesis in zebrafish. <i>Aquatic Toxicology</i> , 2019, 212, 70-76.	1.9	20
32	Copper caused reproductive endocrine disruption in zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2019, 211, 124-136.	1.9	45
33	Use of biological detection methods to assess dioxin-like compounds in sediments of Bohai Bay, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 339-346.	2.9	16
34	Rapid masculinization and effects on the liver of female western mosquitofish ( <i>Gambusia affinis</i> ) by norethindrone. <i>Chemosphere</i> , 2019, 216, 94-102.	4.2	20
35	Dydrogesterone affects the transcription of genes in GnRH and steroidogenesis pathways and increases the frequency of atretic follicles in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2019, 216, 725-732.	4.2	16
36	Swine farm wastewater discharge causes masculinization of western mosquitofish ( <i>Gambusia affinis</i> ). <i>Environment International</i> , 2019, 123, 132-140.	4.8	29

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37	Increased coiling frequency linked to apoptosis in the brain and altered thyroid signaling in zebrafish embryos ( <i>Danio rerio</i> ) exposed to the PBDE metabolite 6-OH-BDE-47. <i>Chemosphere</i> , 2018, 198, 342-350.	4.2	19
38	Alterations of secondary sex characteristics, reproductive histology and behaviors by norgestrel in the western mosquitofish ( <i>Gambusia affinis</i> ). <i>Aquatic Toxicology</i> , 2018, 198, 224-230.	1.9	24
39	Individual and binary mixture effects of bisphenol A and lignin-derived bisphenol in <i>Daphnia magna</i> under chronic exposure. <i>Chemosphere</i> , 2018, 191, 779-786.	4.2	18
40	Accumulation, depuration dynamics and effects of dissolved hexavalent chromium in juvenile Japanese medaka ( <i>Oryzias latipes</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 254-260.	2.9	23
41	Sensitivities of seven algal species to triclosan, fluoxetine and their mixtures. <i>Scientific Reports</i> , 2018, 8, 15361.	1.6	34
42	The differences in bioaccumulation and effects between Se(IV) and Se(VI) in the topmouth gudgeon <i>Pseudorasbora parva</i> . <i>Scientific Reports</i> , 2018, 8, 13860.	1.6	9
43	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
44	Selenium accumulation and the effects on the liver of topmouth gudgeon <i>Pseudorasbora parva</i> exposed to dissolved inorganic selenium. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 240-248.	2.9	7
45	Dydrogesterone Causes Male Bias and Accelerates Sperm Maturation in Zebrafish ( <i>Danio rerio</i> ). <i>Environmental Science &amp; Technology</i> , 2018, 52, 8903-8911.	4.6	40
46	The progestin norethindrone affects sex differentiation and alters transcriptional profiles of genes along the hypothalamic-pituitary-gonadal and hypothalamic-pituitary-adrenal axes in juvenile zebrafish <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , 2018, 201, 31-39.	1.9	33
47	Assessment of metal contamination in the Hun River, China, and evaluation of the fish <i>Zacco platypus</i> and the snail <i>Radix swinhoei</i> as potential biomonitors. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6512-6522.	2.7	7
48	The acute toxicity of bisphenol A and lignin-derived bisphenol in algae, daphnids, and Japanese medaka. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23872-23879.	2.7	29
49	Accumulation and effects of Cr(VI) in Japanese medaka ( <i>Oryzias latipes</i> ) during chronic dissolved and dietary exposures. <i>Aquatic Toxicology</i> , 2016, 176, 208-216.	1.9	26
50	The bioaccumulation and effects of selenium in the oligochaete <i>Lumbriculus variegatus</i> via dissolved and dietary exposure routes. <i>Aquatic Toxicology</i> , 2016, 178, 1-7.	1.9	15
51	A low level of dietary selenium has both beneficial and toxic effects and is protective against Cd-toxicity in the least killifish <i>Heterandria formosa</i> . <i>Chemosphere</i> , 2016, 161, 358-364.	4.2	29
52	Metal Concentrations in Sediment And Biota of the Huludao Coast in Liaodong Bay and Associated Human and Ecological Health Risks. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 87-96.	2.1	17
53	Maternal transfer and reproductive effects of Cr(VI) in Japanese medaka ( <i>Oryzias latipes</i> ) under acute and chronic exposures. <i>Aquatic Toxicology</i> , 2016, 171, 59-68.	1.9	38
54	The chronic effects of lignin-derived bisphenol and bisphenol A in Japanese medaka <i>Oryzias latipes</i> . <i>Aquatic Toxicology</i> , 2016, 170, 199-207.	1.9	43

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55	Bioaccumulation, subcellular distribution, and acute effects of chromium in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2611-2617.	2.2	20
56	Protective properties of sesamin against fluoride-induced oxidative stress and apoptosis in kidney of carp ( <i>Cyprinus carpio</i> ) via JNK signaling pathway. <i>Aquatic Toxicology</i> , 2015, 167, 180-190.	1.9	77
57	Fluoride-induced apoptosis and expressions of caspase proteins in the kidney of carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Over	2.1	23
58	Expression of ERK and p-ERK proteins of ERK signaling pathway in the kidneys of fluoride-exposed carp ( <i>Cyprinus carpio</i> ). <i>Acta Histochemica</i> , 2014, 116, 1337-1341.	0.9	14
59	Mercury bioaccumulation in Southern Appalachian birds, assessed through feather concentrations. <i>Ecotoxicology</i> , 2014, 23, 304-316.	1.1	32
60	Dynamic Selenium Assimilation, Distribution, Efflux, and Maternal Transfer in Japanese Medaka Fed a Diet of Se-enriched Mayflies. <i>Environmental Science &amp; Technology</i> , 2014, 48, 2971-2978.	4.6	31
61	The arsenic content in marketed seafood and associated health risks for the residents of Shandong, China. <i>Ecotoxicology and Environmental Safety</i> , 2014, 102, 168-173.	2.9	43
62	Effects of sodium fluoride on MAPKs signaling pathway in the gills of a freshwater teleost, <i>Cyprinus carpio</i> . <i>Aquatic Toxicology</i> , 2014, 152, 164-172.	1.9	17
63	Effects of fluoride on growth, body composition, and serum biochemical profile in a freshwater teleost, <i>Cyprinus carpio</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2315-2321.	2.2	30
64	Tissue distributions of fluoride and its toxicity in the gills of a freshwater teleost, <i>Cyprinus carpio</i> . <i>Aquatic Toxicology</i> , 2013, 130-131, 68-76.	1.9	32
65	Effects of sediment composition on cadmium bioaccumulation in the clam <i>Meretrix meretrix</i> Linnaeus. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 841-847.	2.2	5
66	Cadmium exposure route affects antioxidant responses in the mayfly <i>Centroptilum triangulifer</i> . <i>Aquatic Toxicology</i> , 2011, 105, 199-205.	1.9	64
67	Quantitative genetics approaches to study evolutionary processes in ecotoxicology; a perspective from research on the evolution of resistance. <i>Ecotoxicology</i> , 2011, 20, 513-523.	1.1	79
68	Trophic transfer of Cd from natural periphyton to the grazing mayfly <i>Centroptilum triangulifer</i> in a life cycle test. <i>Environmental Pollution</i> , 2010, 158, 272-277.	3.7	63
69	Mercury(II) Bioaccumulation and Antioxidant Physiology in Four Aquatic Insects. <i>Environmental Science &amp; Technology</i> , 2009, 43, 934-940.	4.6	41
70	Cadmium biodynamics in the oligochaete <i>Lumbriculus variegatus</i> and its implications for trophic transfer. <i>Aquatic Toxicology</i> , 2008, 86, 265-271.	1.9	25
71	Aquatic insect ecophysiological traits reveal phylogenetically based differences in dissolved cadmium susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8321-8326.	3.3	171
72	IN VIVO BIOASSAY-GUIDED FRACTIONATION OF MARINE SEDIMENT EXTRACTS FROM THE SOUTHERN CALIFORNIA BIGHT, USA, FOR ESTROGENIC ACTIVITY. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2820.	2.2	83

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73	Evaluation of Estrogenic Activities of Aquatic Herbicides and Surfactants Using an Rainbow Trout Vitellogenin Assay. <i>Toxicological Sciences</i> , 2005, 87, 391-398.	1.4	82
74	METALLOTHIONEIN-LIKE PROTEIN IN THE LEAST KILLIFISH HETERANDRIA FORMOSA AND ITS ROLE IN CADMIUM RESISTANCE. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 173.	2.2	30
75	FITNESS COST OF RESISTANCE TO CADMIUM IN THE LEAST KILLIFISH (HETERANDRIA FORMOSA). <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1499.	2.2	90
76	Evaluation of Wetland and Tertiary Wastewater Treatments for Estrogenicity Using In Vivo and In Vitro Assays. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 48, 81-86.	2.1	21
77	Changes in cadmium accumulation as a mechanism for cadmium resistance in the least killifish <i>Heterandria formosa</i> . <i>Aquatic Toxicology</i> , 2004, 66, 73-81.	1.9	39
78	Responses to selection for cadmium resistance in the least killifish, <i>Heterandria formosa</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 313-320.	2.2	60
79	RESPONSES TO SELECTION FOR CADMIUM RESISTANCE IN THE LEAST KILLIFISH, HETERANDRIA FORMOSA. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 313.	2.2	28
80	Responses to selection for cadmium resistance in the least killifish, <i>Heterandria formosa</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 313-20.	2.2	17