

Jinmiao Zha

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Histological alternation and vitellogenin induction in adult rare minnow (<i>Gobiocypris rarus</i>) after exposure to ethinylestradiol and nonylphenol. <i>Chemosphere</i> , 2007, 66, 488-495.	4.2	149
2	Assessment of 17 β -ethinylestradiol effects and underlying mechanisms in a continuous, multigeneration exposure of the Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 298-308.	1.3	126
3	Accumulation and distribution of organophosphate flame retardants (PFRs) and their di-alkyl phosphates (DAPs) metabolites in different freshwater fish from locations around Beijing, China. <i>Environmental Pollution</i> , 2017, 229, 548-556.	3.7	114
4	Effects of the human antiepileptic drug carbamazepine on the behavior, biomarkers, and heat shock proteins in the Asian clam <i>Corbicula fluminea</i> . <i>Aquatic Toxicology</i> , 2014, 155, 1-8.	1.9	91
5	Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (<i>Gobiocypris</i>)	1.9	85
6	Targeting neurotrophic factors and their receptors, but not cholinesterase or neurotransmitter, in the neurotoxicity of TDCPP in Chinese rare minnow adults (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2016, 208, 670-677.	3.7	75
7	Organophosphate flame retardants (OPFRs) induce genotoxicity in vivo: A survey on apoptosis, DNA methylation, DNA oxidative damage, liver metabolites, and transcriptomics. <i>Environment International</i> , 2019, 130, 104914.	4.8	74
8	Fish behavior: A promising model for aquatic toxicology research. <i>Science of the Total Environment</i> , 2019, 686, 311-321.	3.9	67
9	Effects of fluoxetine on behavior, antioxidant enzyme systems, and multixenobiotic resistance in the Asian clam <i>Corbicula fluminea</i> . <i>Chemosphere</i> , 2015, 119, 856-862.	4.2	66
10	Endocrine disrupting effects of benzotriazole in rare minnow (<i>Gobiocypris rarus</i>) in a sex-dependent manner. <i>Chemosphere</i> , 2014, 112, 154-162.	4.2	62
11	Comparison of ethinylestradiol and nonylphenol effects on reproduction of Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 390-399.	2.9	57
12	Tamoxifen effects on the early life stages and reproduction of Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 23-29.	2.0	54
13	Changes of hematological and biochemical parameters revealed genotoxicity and immunotoxicity of neonicotinoids on Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2018, 233, 862-871.	3.7	51
14	Effect of imidacloprid on the behavior, antioxidant system, multixenobiotic resistance, and histopathology of Asian freshwater clams (<i>Corbicula fluminea</i>). <i>Aquatic Toxicology</i> , 2020, 218, 105333.	1.9	51
15	Effects of pentachlorophenol on the reproduction of Japanese medaka (<i>Oryzias latipes</i>). <i>Chemico-Biological Interactions</i> , 2006, 161, 26-36.	1.7	49
16	Halogen-free organophosphorus flame retardants caused oxidative stress and multixenobiotic resistance in Asian freshwater clams (<i>Corbicula fluminea</i>). <i>Environmental Pollution</i> , 2017, 225, 559-568.	3.7	47
17	Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (<i>Gobiocypris rarus</i>). <i>Aquatic Toxicology</i> , 2010, 97, 204-211.	1.9	46
18	Benzotriazole ultraviolet stabilizers alter the expression of the thyroid hormone pathway in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2017, 182, 22-30.	4.2	46

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19	Exposure to environmentally relevant concentrations of deltamethrin renders the Chinese rare minnow (<i>Gobiocypris rarus</i>) vulnerable to <i>Pseudomonas fluorescens</i> infection. <i>Science of the Total Environment</i> , 2020, 715, 136943.	3.9	43
20	Environmentally Relevant Concentrations of Carbamazepine Caused Endocrine-Disrupting Effects on Nontarget Organisms, Chinese Rare Minnows (<i>Gobiocypris rarus</i>). <i>Environmental Science & Technology</i> , 2018, 52, 886-894.	4.6	42
21	Sequencing and De Novo Assembly of the Asian Clam (<i>Corbicula fluminea</i>) Transcriptome Using the Illumina GAIIx Method. <i>PLoS ONE</i> , 2013, 8, e79516.	1.1	38
22	Butachlor causes disruption of HPG and HPT axes in adult female rare minnow (<i>Gobiocypris rarus</i>). <i>Chemico-Biological Interactions</i> , 2014, 221, 119-126.	1.7	38
23	Reproductive toxicity and estrogen activity in Japanese medaka (<i>Oryzias latipes</i>) exposed to environmentally relevant concentrations of octocrylene. <i>Environmental Pollution</i> , 2020, 261, 114104.	3.7	38
24	A review on China's constructed wetlands in recent three decades: Application and practice. <i>Journal of Environmental Sciences</i> , 2021, 104, 53-68.	3.2	37
25	Acute and early life stage toxicity of industrial effluent on Japanese medaka (<i>Oryzias latipes</i>). <i>Science of the Total Environment</i> , 2006, 357, 112-119.	3.9	34
26	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
27	Comparison of the Toxicity Effects of Tris(1,3-dichloro-2-propyl)phosphate (TDCIPP) with Tributyl Phosphate (TNBP) Reveals the Mechanism of the Apoptosis Pathway in Asian Freshwater Clams (<i>Corbicula fluminea</i>). <i>Environmental Science & Technology</i> , 2020, 54, 6850-6858.	4.6	31
28	Brain quantitative proteomic responses reveal new insight of benzotriazole neurotoxicity in female Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Aquatic Toxicology</i> , 2016, 181, 67-75.	1.9	30
29	New cytochrome P450 1B1, 1C1, 2Aa, 2Y3, and 2K genes from Chinese rare minnow (<i>Gobiocypris rarus</i>): Molecular characterization, basal expression and response of rare minnow CYP1s and CYP2s mRNA exposed to the AHR agonist benzo[a]pyrene. <i>Chemosphere</i> , 2013, 93, 209-216.	4.2	28
30	Three organophosphate flame retardants (OPFRs) reduce sperm quality in Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2020, 263, 114525.	3.7	28
31	Toxicogenomic applications of Chinese rare minnow (<i>Gobiocypris rarus</i>) in aquatic toxicology. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 174-180.	0.4	27
32	Effects of dechlorane plus on the hepatic proteome of juvenile Chinese sturgeon (<i>Acipenser sinensis</i>). <i>Aquatic Toxicology</i> , 2014, 148, 83-91.	1.9	26
33	Developmental toxicity and thyroid hormone-disrupting effects of 2,4-dichloro-6-nitrophenol in Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Aquatic Toxicology</i> , 2017, 185, 40-47.	1.9	26
34	The immune responses of the Chinese rare minnow (<i>Gobiocypris rarus</i>) exposed to environmentally relevant concentrations of cypermethrin and subsequently infected by the bacteria <i>Pseudomonas fluorescens</i> . <i>Environmental Pollution</i> , 2019, 250, 990-997.	3.7	26
35	Identification and characterization of novel and conserved microRNAs in several tissues of the Chinese rare minnow (<i>Gobiocypris rarus</i>) based on illumina deep sequencing technology. <i>BMC Genomics</i> , 2016, 17, 283.	1.2	25
36	Phenanthrene-Induced Apoptosis and Its Underlying Mechanism. <i>Environmental Science & Technology</i> , 2017, 51, 14397-14405.	4.6	25

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37	2, 4-Dichloro-6-nitrophenol, a photonitration product of 2, 4-dichlorophenol, caused anti-androgenic potency in Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2016, 216, 591-598.	3.7	24
38	Carbamazepine at environmentally relevant concentrations caused DNA damage and apoptosis in the liver of Chinese rare minnows (<i>Gobiocypris rarus</i>) by the Ras/Raf/ERK/p53 signaling pathway. <i>Environmental Pollution</i> , 2021, 270, 116245.	3.7	24
39	Environmentally relevant concentrations of carbamazepine induce liver histopathological changes and a gender-specific response in hepatic proteome of Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2018, 243, 480-491.	3.7	22
40	Risks to aquatic environments posed by 14 pharmaceuticals as illustrated by their effects on zebrafish behaviour. <i>Science of the Total Environment</i> , 2021, 771, 145450.	3.9	22
41	Benzo[a]pyrene induced p53-mediated cell cycle arrest, DNA repair, and apoptosis pathways in Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Environmental Toxicology</i> , 2017, 32, 979-988.	2.1	21
42	3-(4-Methylbenzylidene) camphor induced reproduction toxicity and antiandrogenicity in Japanese medaka (<i>Oryzias latipes</i>). <i>Chemosphere</i> , 2020, 249, 126224.	4.2	21
43	Basal and benzo[a]pyrene-induced expression profile of phase I and II enzymes and ABC transporter mRNA in the early life stage of Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 86-94.	2.9	19
44	Age composition, growth, and reproductive biology of yellow catfish (<i>Peltobagrus fulvidraco</i>). <i>Tj ETQq0 0 0 rgBT /Ove</i> , 2018, 10, 462.	0.4	18
45	Global microRNA and isomiR expression associated with liver metabolism is induced by organophosphorus flame retardant exposure in male Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Science of the Total Environment</i> , 2019, 649, 829-838.	3.9	18
46	Environmentally relevant concentrations of bifenthrin induce changes in behaviour, biomarkers, histological characteristics, and the transcriptome in <i>Corbicula fluminea</i> . <i>Science of the Total Environment</i> , 2020, 728, 138821.	3.9	17
47	Benzo(a)pyrene-induced a mitochondria-independent apoptosis of liver in juvenile Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2017, 231, 191-199.	3.7	16
48	Dicamba affects sex steroid hormone level and mRNA expression of related genes in adult rare minnow (<i>Gobiocypris rarus</i>) at environmentally relevant concentrations. <i>Environmental Toxicology</i> , 2015, 30, 693-703.	2.1	15
49	Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence. <i>Chemosphere</i> , 2017, 166, 174-183.	4.2	15
50	Diastereoisomer-specific neurotoxicity of hexabromocyclododecane in human SH-SY5Y neuroblastoma cells. <i>Science of the Total Environment</i> , 2019, 686, 893-902.	3.9	15
51	Assessment of benthic invertebrate diversity and river ecological status along an urbanized gradient using environmental DNA metabarcoding and a traditional survey method. <i>Science of the Total Environment</i> , 2022, 806, 150587.	3.9	15
52	Transcriptional expression analysis of ABC efflux transporters and xenobiotic-metabolizing enzymes in the Chinese rare minnow. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 984-995.	2.0	14
53	Metabolic pathways of decabromodiphenyl ether (BDE209) in rainbow trout (<i>Oncorhynchus mykiss</i>) via intraperitoneal injection. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 536-544.	2.0	14
54	Triphenyl Phosphate (TPHP)-Induced Neurotoxicity in Adult Male Chinese Rare Minnows (<i>Gobiocypris rarus</i>). <i>Environmental Science & Technology</i> , 2018, 52, 11895-11903.	4.6	14

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55	Long-term exposure investigating the estrogenic potency of estriol in Japanese medaka (<i>Oryzias latipes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 186-92.	1.3	12
56	Environmentally relevant concentrations of benzophenones triggered DNA damage and apoptosis in male Chinese rare minnows (<i>Gobiocypris rarus</i>). <i>Environment International</i> , 2022, 164, 107260.	4.8	12
57	In vivo toxicity of nano-C60 aggregates complex with atrazine to aquatic organisms. <i>Science Bulletin</i> , 2010, 55, 339-345.	1.7	11
58	Pyruvate carboxylase as a sensitive protein biomarker for exogenous steroid chemicals. <i>Environmental Pollution</i> , 2014, 189, 184-193.	3.7	10
59	New cytokines and TLR pathway signaling molecules in Chinese rare minnow (<i>Gobiocypris rarus</i>): Molecular characterization, basal expression, and their response to chlorpyrifos. <i>Chemosphere</i> , 2018, 199, 26-34.	4.2	10
60	Estimating aquatic plant diversity and distribution in rivers from Jingjinji region, China, using environmental DNA metabarcoding and a traditional survey method. <i>Environmental Research</i> , 2021, 199, 111348.	3.7	10
61	Regulation of thyroid hormone related genes mRNA expression by exogenous T3 in larvae and adult Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 189-197.	2.0	9
62	Low doses and lifecycle exposure of waterborne antidepressants in zebrafish model: A survey on sperm traits, reproductive behaviours, and transcriptome responses. <i>Science of the Total Environment</i> , 2022, 832, 155017.	3.9	9
63	Mechanistic study of chlordecone-induced endocrine disruption: Based on an adverse outcome pathway network. <i>Chemosphere</i> , 2016, 161, 372-381.	4.2	8
64	The neuropeptides of Asian freshwater clam (<i>Corbicula fluminea</i>) as new molecular biomarker basing on the responses of organophosphate chemicals exposure. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 52-59.	2.9	7
65	Environmentally relevant concentrations of carbamazepine induced lipid metabolism disorder of Chinese rare minnow (<i>Gobiocypris rarus</i>) in a gender-specific pattern. <i>Chemosphere</i> , 2021, 265, 129080.	4.2	7
66	Environmentally relevant concentrations of clozapine induced lipotoxicity and gut microbiota dysbiosis in Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Environmental Pollution</i> , 2021, 286, 117298.	3.7	6
67	Toxicity of waterborne vortioxetine, a new antidepressant, in non-target aquatic organisms: From wonder to concern drugs?. <i>Environmental Pollution</i> , 2022, 304, 119175.	3.7	6
68	Impact of dissolved humic acid on the bioavailability of acenaphthene and chrysene assessed by membrane-based passive samplers. <i>Science Bulletin</i> , 2007, 52, 2642-2648.	1.7	5
69	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
70	Evaluating environmental impact of STP effluents on receiving water in Beijing by the joint use of chemical analysis and biomonitoring. <i>Science of the Total Environment</i> , 2021, 752, 141942.	3.9	5
71	Environmentally relevant concentrations of fenvalerate induces immunotoxicity and reduces pathogen resistance in Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Science of the Total Environment</i> , 2022, 838, 156347.	3.9	4
72	Toxicokinetics and the related metabolites in rainbow trout (<i>Oncorhynchus mykiss</i>) after exposure to decabromodiphenyl ether. <i>Science China Chemistry</i> , 2010, 53, 2379-2386.	4.2	3

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73	Susceptibility of male and female Japanese medaka (<i>Oryzias latipes</i>) to 2,4,6-trichlorophenol-induced micronuclei in peripheral erythrocytes. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 77-84.	3.3	3
74	Evaluation and mechanistic study of chlordecone-induced thyroid disruption: Based on in vivo, in vitro and in silico assays. <i>Science of the Total Environment</i> , 2020, 716, 136987.	3.9	3
75	Identification of toxicity factors and causal analysis of toxicity in surface sediments from Liaohhe river basin, Northeast China using an effect guidance strategy. <i>Environmental Research</i> , 2022, 207, 112153.	3.7	2