

Jinmiao Zha

List of Publications by Year in descending order

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75
papers

2,354
citations

186209

28
h-index

233338

45
g-index

75
all docs

75
docs citations

75
times ranked

2504
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Identification of toxicity factors and causal analysis of toxicity in surface sediments from Liaohe river basin, Northeast China using an effect guidance strategy. <i>Environmental Research</i> , 2022, 207, 112153. | 3.7 | 2 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Fish behavior: A promising model for aquatic toxicology research. <i>Science of the Total Environment</i> , 2019, 686, 311-321. | 3.9 | 67 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Phenanthrene-Induced Apoptosis and Its Underlying Mechanism. <i>Environmental Science & Technology</i> , 2017, 51, 14397-14405. | 4.6 | 25 |
| 41 | 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 |
| 42 | Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence. <i>Chemosphere</i> , 2017, 166, 174-183. | 4.2 | 15 |
| 43 | 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 |
| 44 | 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 |
| 45 | Mechanistic study of chlordecone-induced endocrine disruption: Based on an adverse outcome pathway network. <i>Chemosphere</i> , 2016, 161, 372-381. | 4.2 | 8 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | Pyruvate carboxylase as a sensitive protein biomarker for exogenous steroid chemicals. <i>Environmental Pollution</i> , 2014, 189, 184-193. | 3.7 | 10 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | Long-term exposure investigating the estrogenic potency of estriol in Japanese medaka (<i>Oryzias latipes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 86-92. | 1.3 | 12 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | In vivo toxicity of nano-C60 aggregates complex with atrazine to aquatic organisms. <i>Science Bulletin</i> , 2010, 55, 339-345. | 1.7 | 11 |
| 66 | 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 |
| 67 | Age composition, growth, and reproductive biology of yellow catfish (<i>Peltobagrus fulvidraco</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 18 0.4 | 0.4 | 18 |
| 68 | Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (<i>Gobiocypris rarus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 85 1.9 | 1.9 | 85 |
| 69 | Assessment of 17 β -ethinylestradiol effects and underlying mechanisms in a continuous, multigeneration exposure of the Chinese rare minnow (<i>Gobiocypris rarus</i>) $\hat{\alpha}$ †. <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 298-308. | 1.3 | 126 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |