

# Bingsheng Zhou

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microplastic Size-Dependent Toxicity, Oxidative Stress Induction, and p-JNK and p-p38 Activation in the Monogonont Rotifer ( <i>Brachionus koreanus</i> ). <i>Environmental Science &amp; Technology</i> , 2016, 50, 8849-8857.	10.0	875
2	Occurrence and Characteristics of Microplastic Pollution in Xiangxi Bay of Three Gorges Reservoir, China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 3794-3801.	10.0	393
3	Developmental toxicity and alteration of gene expression in zebrafish embryos exposed to PFOS. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 23-32.	2.8	307
4	Induction of oxidative stress and apoptosis by PFOS and PFOA in primary cultured hepatocytes of freshwater tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquatic Toxicology</i> , 2007, 82, 135-143.	4.0	289
5	The Role of Nrf2 and MAPK Pathways in PFOS-Induced Oxidative Stress in Zebrafish Embryos. <i>Toxicological Sciences</i> , 2010, 115, 391-400.	3.1	253
6	Exposure of zebrafish embryos/larvae to TDCPP alters concentrations of thyroid hormones and transcriptions of genes involved in the hypothalamic-pituitary-thyroid axis. <i>Aquatic Toxicology</i> , 2013, 126, 207-213.	4.0	244
7	Hexabromocyclododecane-induced developmental toxicity and apoptosis in zebrafish embryos. <i>Aquatic Toxicology</i> , 2009, 93, 29-36.	4.0	240
8	Exposure to DE-71 alters thyroid hormone levels and gene transcription in the hypothalamic-pituitary-thyroid axis of zebrafish larvae. <i>Aquatic Toxicology</i> , 2010, 97, 226-233.	4.0	221
9	Pharmaceuticals in Tap Water: Human Health Risk Assessment and Proposed Monitoring Framework in China. <i>Environmental Health Perspectives</i> , 2013, 121, 839-846.	6.0	211
10	Bioconcentration and Transfer of the Organophorous Flame Retardant 1,3-Dichloro-2-propyl Phosphate Causes Thyroid Endocrine Disruption and Developmental Neurotoxicity in Zebrafish Larvae. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5123-5132.	10.0	194
11	Bioconcentration and metabolism of decabromodiphenyl ether (BDE-209) result in thyroid endocrine disruption in zebrafish larvae. <i>Aquatic Toxicology</i> , 2012, 110-111, 141-148.	4.0	190
12	Waterborne exposure to PFOS causes disruption of the hypothalamus-pituitary-thyroid axis in zebrafish larvae. <i>Chemosphere</i> , 2009, 77, 1010-1018.	8.2	189
13	Parental Transfer of Polybrominated Diphenyl Ethers (PBDEs) and Thyroid Endocrine Disruption in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2011, 45, 10652-10659.	10.0	183
14	Chronic effects of water-borne PFOS exposure on growth, survival and hepatotoxicity in zebrafish: A partial life-cycle test. <i>Chemosphere</i> , 2009, 74, 723-729.	8.2	178
15	Bioconcentration, metabolism and neurotoxicity of the organophorous flame retardant 1,3-dichloro 2-propyl phosphate (TDCPP) to zebrafish. <i>Aquatic Toxicology</i> , 2015, 158, 108-115.	4.0	174
16	Evaluation of estrogenic activities and mechanism of action of perfluorinated chemicals determined by vitellogenin induction in primary cultured tilapia hepatocytes. <i>Aquatic Toxicology</i> , 2007, 85, 267-277.	4.0	163
17	Prenatal Transfer of Polybrominated Diphenyl Ethers (PBDEs) Results in Developmental Neurotoxicity in Zebrafish Larvae. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9727-9734.	10.0	147
18	Developmental exposure to the organophosphorus flame retardant tris(1,3-dichloro-2-propyl) phosphate: Estrogenic activity, endocrine disruption and reproductive effects on zebrafish. <i>Aquatic Toxicology</i> , 2015, 160, 163-171.	4.0	138

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19	Developmental neurotoxicity of triphenyl phosphate in zebrafish larvae. <i>Aquatic Toxicology</i> , 2018, 203, 80-87.	4.0	138
20	Dysbiosis of gut microbiota by chronic coexposure to titanium dioxide nanoparticles and bisphenol A: Implications for host health in zebrafish. <i>Environmental Pollution</i> , 2018, 234, 307-317.	7.5	136
21	Effect of titanium dioxide nanoparticles on the bioavailability, metabolism, and toxicity of pentachlorophenol in zebrafish larvae. <i>Journal of Hazardous Materials</i> , 2015, 283, 897-904.	12.4	131
22	Effects of tris(1,3-dichloro-2-propyl) phosphate and triphenyl phosphate on receptor-associated mRNA expression in zebrafish embryos/larvae. <i>Aquatic Toxicology</i> , 2013, 128-129, 147-157.	4.0	125
23	Enhanced Bioconcentration of Bisphenol A in the Presence of Nano-TiO <sub>2</sub> Can Lead to Adverse Reproductive Outcomes in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1005-1013.	10.0	119
24	Effects of Prochloraz or Propylthiouracil on the Cross-Talk between the HPG, HPA, and HPT Axes in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2011, 45, 769-775.	10.0	113
25	Disruption of endocrine function in in vitro H295R cell-based and in in vivo assay in zebrafish by 2,4-dichlorophenol. <i>Aquatic Toxicology</i> , 2012, 106-107, 173-181.	4.0	104
26	Toxicogenomic Responses of Zebrafish Embryos/Larvae to Tris(1,3-dichloro-2-propyl) Phosphate (TDCPP) Reveal Possible Molecular Mechanisms of Developmental Toxicity. <i>Environmental Science &amp; Technology</i> , 2013, 47, 10574-10582.	10.0	102
27	Bioconcentration and metabolism of BDE-209 in the presence of titanium dioxide nanoparticles and impact on the thyroid endocrine system and neuronal development in zebrafish larvae. <i>Nanotoxicology</i> , 2014, 8, 196-207.	3.0	99
28	Bioconcentration, Biotransformation, and Thyroid Endocrine Disruption of Decabromodiphenyl Ethane (Dbdpe), A Novel Brominated Flame Retardant, in Zebrafish Larvae. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8437-8446.	10.0	98
29	Chronic exposure to environmental levels of tribromophenol impairs zebrafish reproduction. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 87-95.	2.8	97
30	Acute exposure to PBDEs at an environmentally realistic concentration causes abrupt changes in the gut microbiota and host health of zebrafish. <i>Environmental Pollution</i> , 2018, 240, 17-26.	7.5	96
31	Effects of titanium dioxide nanoparticles on lead bioconcentration and toxicity on thyroid endocrine system and neuronal development in zebrafish larvae. <i>Aquatic Toxicology</i> , 2015, 161, 117-126.	4.0	93
32	Occurrence and risk assessment of pharmaceuticals and personal care products (PPCPs) against COVID-19 in lakes and WWTP-river-estuary system in Wuhan, China. <i>Science of the Total Environment</i> , 2021, 792, 148352.	8.0	88
33	Cultured gill epithelia as models for the freshwater fish gill. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1566, 72-83.	2.6	87
34	Acute exposure to DEHP: Effects on locomotor behavior and developmental neurotoxicity in zebrafish larvae. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2338-2344.	4.3	84
35	Effects of Tris(1,3-dichloro-2-propyl) Phosphate on Growth, Reproduction, and Gene Transcription of <i>Daphnia magna</i> at Environmentally Relevant Concentrations. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12975-12983.	10.0	81
36	The adverse effect of TCIPP and TCEP on neurodevelopment of zebrafish embryos/larvae. <i>Chemosphere</i> , 2019, 220, 811-817.	8.2	81

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37	Waterborne exposure to fluorotelomer alcohol 6:2 FTOH alters plasma sex hormone and gene transcription in the hypothalamic-pituitary-gonadal (HPG) axis of zebrafish. <i>Aquatic Toxicology</i> , 2009, 93, 131-137.	4.0	79
38	Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2323-2330.	10.0	78
39	Protein Profiles in Zebrafish ( <i>Danio rerio</i> ) Embryos Exposed to Perfluorooctane Sulfonate. <i>Toxicological Sciences</i> , 2009, 110, 334-340.	3.1	75
40	Exposure of spermatozoa to duroquinone may impair reproduction of the common carp ( <i>Cyprinus</i> )	4.0	74
41	Endocrine disruption and reproductive impairment in zebrafish by exposure to 8:2 fluorotelomer alcohol. <i>Aquatic Toxicology</i> , 2010, 96, 70-76.	4.0	74
42	Tetrabromobisphenol A caused neurodevelopmental toxicity via disrupting thyroid hormones in zebrafish larvae. <i>Chemosphere</i> , 2018, 197, 353-361.	8.2	69
43	Multigenerational Disruption of the Thyroid Endocrine System in Marine Medaka after a Life-Cycle Exposure to Perfluorobutanesulfonate. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4432-4439.	10.0	69
44	Effect of combined exposure to lead and decabromodiphenyl ether on neurodevelopment of zebrafish larvae. <i>Chemosphere</i> , 2016, 144, 1646-1654.	8.2	66
45	Parental co-exposure to bisphenol A and nano-TiO <sub>2</sub> causes thyroid endocrine disruption and developmental neurotoxicity in zebrafish offspring. <i>Science of the Total Environment</i> , 2019, 650, 557-565.	8.0	64
46	Probiotic Modulation of Lipid Metabolism Disorders Caused by Perfluorobutanesulfonate Pollution in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7494-7503.	10.0	64
47	Perfluorobutanesulfonate Exposure Skews Sex Ratio in Fish and Transgenerationally Impairs Reproduction. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8389-8397.	10.0	61
48	Endocrine disruption and reproduction impairment in zebrafish after long-term exposure to DEHP. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1354-1362.	4.3	59
49	The progestin levonorgestrel affects sex differentiation in zebrafish at environmentally relevant concentrations. <i>Aquatic Toxicology</i> , 2015, 166, 1-9.	4.0	57
50	Thyroid endocrine system disruption by pentachlorophenol: An in vitro and in vivo assay. <i>Aquatic Toxicology</i> , 2013, 142-143, 138-145.	4.0	56
51	Transgenerational endocrine disruption and neurotoxicity in zebrafish larvae after parental exposure to binary mixtures of decabromodiphenyl ether (BDE-209) and lead. <i>Environmental Pollution</i> , 2017, 230, 96-106.	7.5	56
52	The binary mixtures of megestrol acetate and 17 $\beta$ -ethynylestradiol adversely affect zebrafish reproduction. <i>Environmental Pollution</i> , 2016, 213, 776-784.	7.5	55
53	Combined effects of polyfluorinated and perfluorinated compounds on primary cultured hepatocytes from rare minnow ( <i>Gobiocypris rarus</i> ) using toxicogenomic analysis. <i>Aquatic Toxicology</i> , 2009, 95, 27-36.	4.0	53
54	Contamination by perfluoroalkyl substances and microbial community structure in Pearl River Delta sediments. <i>Environmental Pollution</i> , 2019, 245, 218-225.	7.5	52

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55	Chronic Exposure of Marine Medaka ( <i>Oryzias melastigma</i> ) to 4,5-Dichloro-2-octyl-4-isothiazolin-3-one (DCOIT) Reveals Its Mechanism of Action in Endocrine Disruption via the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4492-4501.	10.0	51
56	Accumulation of perfluorobutane sulfonate (PFBS) and impairment of visual function in the eyes of marine medaka after a life-cycle exposure. <i>Aquatic Toxicology</i> , 2018, 201, 1-10.	4.0	49
57	Optical toxicity of triphenyl phosphate in zebrafish larvae. <i>Aquatic Toxicology</i> , 2019, 210, 139-147.	4.0	49
58	Variation in microbial community structure in surface seawater from Pearl River Delta: Discerning the influencing factors. <i>Science of the Total Environment</i> , 2019, 660, 136-144.	8.0	49
59	Multiple bio-analytical methods to reveal possible molecular mechanisms of developmental toxicity in zebrafish embryos/larvae exposed to tris(2-butoxyethyl) phosphate. <i>Aquatic Toxicology</i> , 2014, 150, 175-181.	4.0	48
60	Bioconcentration, metabolism and alterations of thyroid hormones of Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) in Zebrafish. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 581-586.	4.0	48
61	Endocrine disruption by di(2-ethylhexyl)phthalate in Chinese rare minnow ( <i>Gobiocypris rarus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1846-1854.	4.3	47
62	The synthetic progestin megestrol acetate adversely affects zebrafish reproduction. <i>Aquatic Toxicology</i> , 2014, 150, 66-72.	4.0	47
63	Primary cultured cells as sensitive in vitro model for assessment of toxicants-comparison to hepatocytes and gill epithelia. <i>Aquatic Toxicology</i> , 2006, 80, 109-118.	4.0	46
64	Tris (1, 3-dichloro-2-propyl) phosphate induces apoptosis and autophagy in SH-SY5Y cells: Involvement of ROS-mediated AMPK/mTOR/ULK1 pathways. <i>Food and Chemical Toxicology</i> , 2017, 100, 183-196.	3.6	46
65	EFFECTS OF BROMINATED FLAME RETARDANTS AND BROMINATED DIOXINS ON STEROIDOGENESIS IN H295R HUMAN ADRENOCORTICAL CARCINOMA CELL LINE. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 764.	4.3	45
66	Acute exposure to DE-71 causes alterations in visual behavior in zebrafish larvae. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1370-1375.	4.3	45
67	DE-71-Induced Apoptosis Involving Intracellular Calcium and the Bax-Mitochondria-Caspase Protease Pathway in Human Neuroblastoma Cells In Vitro. <i>Toxicological Sciences</i> , 2008, 104, 341-351.	3.1	44
68	The reproductive responses of earthworms ( <i>Eisenia fetida</i> ) exposed to nanoscale zero-valent iron (nZVI) in the presence of decabromodiphenyl ether (BDE209). <i>Environmental Pollution</i> , 2018, 237, 784-791.	7.5	43
69	Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate Affects Lipid Metabolism in Zebrafish Larvae via DNA Methylation Modification. <i>Environmental Science &amp; Technology</i> , 2020, 54, 355-363.	10.0	43
70	Acute exposure to triphenyl phosphate (TPhP) disturbs ocular development and muscular organization in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 119-126.	6.0	42
71	Early-life exposure to the organophosphorus flame-retardant tris (1,3-dichloro-2-propyl) phosphate induces delayed neurotoxicity associated with DNA methylation in adult zebrafish. <i>Environment International</i> , 2020, 134, 105293.	10.0	42
72	The developmental neurotoxicity of polybrominated diphenyl ethers: Effect of DE-71 on dopamine in zebrafish larvae. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1119-1126.	4.3	41

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73	A protective role of autophagy in TDCIPP-induced developmental neurotoxicity in zebrafish larvae. <i>Aquatic Toxicology</i> , 2018, 199, 46-54.	4.0	41
74	Impact of co-exposure with lead and decabromodiphenyl ether (BDE-209) on thyroid function in zebrafish larvae. <i>Aquatic Toxicology</i> , 2014, 157, 186-195.	4.0	40
75	Disturbances in Microbial and Metabolic Communication across the Gut-Liver Axis Induced by a Dioxin-like Pollutant: An Integrated Metagenomics and Metabolomics Analysis. <i>Environmental Science &amp; Technology</i> , 2021, 55, 529-537.	10.0	40
76	Effects of fluorotelomer alcohol 8:2 FTOH on steroidogenesis in H295R cells: Targeting the cAMP signalling cascade. <i>Toxicology and Applied Pharmacology</i> , 2010, 247, 222-228.	2.8	38
77	Characteristics of legacy and novel brominated flame retardants in water and sediment surrounding two e-waste dismantling regions in Taizhou, eastern China. <i>Science of the Total Environment</i> , 2021, 794, 148744.	8.0	37
78	Waterborne exposure to low concentrations of BDE-47 impedes early vascular development in zebrafish embryos/larvae. <i>Aquatic Toxicology</i> , 2018, 203, 19-27.	4.0	36
79	Identification and quantification of titanium nanoparticles in surface water: A case study in Lake Taihu, China. <i>Journal of Hazardous Materials</i> , 2020, 382, 121045.	12.4	36
80	An in vitro biotic ligand model (BLM) for silver binding to cultured gill epithelia of freshwater rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Toxicology and Applied Pharmacology</i> , 2005, 202, 25-37.	2.8	35
81	Tris (1,3-dichloro-2-propyl) phosphate-induced apoptotic signaling pathways in SH-SY5Y neuroblastoma cells. <i>NeuroToxicology</i> , 2017, 58, 1-10.	3.0	35
82	Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP. <i>Toxicology</i> , 2011, 282, 146-153.	4.2	33
83	High-throughput transcriptome sequencing reveals the combined effects of key e-waste contaminants, decabromodiphenyl ether (BDE-209) and lead, in zebrafish larvae. <i>Environmental Pollution</i> , 2016, 214, 324-333.	7.5	33
84	Effects of xenoestrogens on the expression of vitellogenin ( <i>vtg</i> ) and cytochrome P450 aromatase ( <i>cyp19a</i> and <i>cyp17</i> ) genes in zebrafish ( <i>Danio rerio</i> ) larvae. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 960-967.	1.7	31
85	Alterations in retinoid status after long-term exposure to PBDEs in zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2012, 120-121, 11-18.	4.0	31
86	BDE-47 causes developmental retardation with down-regulated expression profiles of ecdysteroid signaling pathway-involved nuclear receptor (NR) genes in the copepod <i>Tigriopus japonicus</i> . <i>Aquatic Toxicology</i> , 2016, 177, 285-294.	4.0	31
87	Toxic responses of microorganisms to nickel exposure in farmland soil in the presence of earthworm ( <i>Eisenia fetida</i> ). <i>Chemosphere</i> , 2018, 192, 43-50.	8.2	31
88	Impact of co-exposure to titanium dioxide nanoparticles and Pb on zebrafish embryos. <i>Chemosphere</i> , 2019, 233, 579-589.	8.2	30
89	Photodegradation of novel brominated flame retardants (NBFRs) in a liquid system: Kinetics and photoproducts. <i>Chemical Engineering Journal</i> , 2019, 362, 938-946.	12.7	30
90	Effects of acute exposure to polybrominated diphenyl ethers on retinoid signaling in zebrafish larvae. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 13-20.	4.0	29

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91	Identification of Molecular Targets for 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) in Teleosts: New Insight into Mechanism of Toxicity. <i>Environmental Science &amp; Technology</i> , 2017, 51, 1840-1847.	10.0	29
92	Bioconcentration and developmental neurotoxicity of novel brominated flame retardants, hexabromobenzene and pentabromobenzene in zebrafish. <i>Environmental Pollution</i> , 2021, 268, 115895.	7.5	29
93	Nano-TiO <sub>2</sub> enhanced bioaccumulation and developmental neurotoxicity of bisphenol a in zebrafish larvae. <i>Environmental Research</i> , 2020, 187, 109682.	7.5	29
94	Adverse Effects, Expression of the <i>Bk-CYP3045C1</i> Gene, and Activation of the ERK Signaling Pathway in the Water Accommodated Fraction-Exposed Rotifer. <i>Environmental Science &amp; Technology</i> , 2016, 50, 6025-6035.	10.0	28
95	A settlement inhibition assay with cyprid larvae of the barnacle <i>Balanus amphitrite</i> . <i>Chemosphere</i> , 1997, 35, 1867-1874.	8.2	27
96	Potential exposure of perfluorinated compounds to Chinese in Shenyang and Yangtze River Delta areas. <i>Environmental Chemistry</i> , 2011, 8, 407.	1.5	27
97	Chronic exposure to environmental levels of cis-bifenthrin: Enantioselectivity and reproductive effects on zebrafish ( <i>Danio rerio</i> ). <i>Environmental Pollution</i> , 2019, 251, 175-184.	7.5	27
98	Nonalcoholic Fatty Liver Disease Development in Zebrafish upon Exposure to Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate, a Novel Brominated Flame Retardant. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6926-6935.	10.0	27
99	Decabromodiphenyl Ethane Mainly Affected the Muscle Contraction and Reproductive Endocrine System in Female Adult Zebrafish. <i>Environmental Science &amp; Technology</i> , 2022, 56, 470-479.	10.0	27
100	Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish. <i>Environmental Pollution</i> , 2019, 255, 113357.	7.5	25
101	Editor's Highlight: Structure-Based Investigation on the Binding and Activation of Typical Pesticides With Thyroid Receptor. <i>Toxicological Sciences</i> , 2017, 160, 205-216.	3.1	24
102	Exposure to cadmium causes inhibition of otolith development and behavioral impairment in zebrafish larvae. <i>Aquatic Toxicology</i> , 2019, 214, 105236.	4.0	24
103	TiO <sub>2</sub> nanoparticles and BPA are combined to impair the development of offspring zebrafish after parental coexposure. <i>Chemosphere</i> , 2019, 217, 732-741.	8.2	24
104	In vitro biolayer interferometry analysis of acetylcholinesterase as a potential target of aryl-organophosphorus flame-retardants. <i>Journal of Hazardous Materials</i> , 2021, 409, 124999.	12.4	24
105	Multigenerational effects of tris(1,3-dichloro-2-propyl) phosphate on the free-living ciliate protozoa <i>Tetrahymena thermophila</i> exposed to environmentally relevant concentrations and after subsequent recovery. <i>Environmental Pollution</i> , 2016, 218, 50-58.	7.5	22
106	Parental Exposure to Perfluorobutanesulfonate Impairs Offspring Development through Inheritance of Paternal Methylome. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12018-12025.	10.0	22
107	The neurotoxicity of DE-71: effects on neural development and impairment of serotonergic signaling in zebrafish larvae. <i>Journal of Applied Toxicology</i> , 2016, 36, 1605-1613.	2.8	21
108	Bioconcentration of 2,4,6-tribromophenol (TBP) and thyroid endocrine disruption in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111207.	6.0	21

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109	The genome of the marine rotifer <i>Brachionus koreanus</i> sheds light on the antioxidative defense system in response to 2-ethyl-phenanthrene and piperonyl butoxide. <i>Aquatic Toxicology</i> , 2020, 221, 105443.	4.0	21
110	Early-life exposure to tris (1,3-dichloro-2-propyl) phosphate caused multigenerational neurodevelopmental toxicity in zebrafish via altering maternal thyroid hormones transfer and epigenetic modifications. <i>Environmental Pollution</i> , 2021, 285, 117471.	7.5	21
111	Characterization of a bystander effect induced by the endocrine-disrupting chemical 6-propyl-2-thiouracil in zebrafish embryos. <i>Aquatic Toxicology</i> , 2012, 118-119, 108-115.	4.0	20
112	Adverse outcome pathway: Framework, application, and challenges in chemical risk assessment. <i>Journal of Environmental Sciences</i> , 2015, 35, 191-193.	6.1	20
113	Titanium dioxide nanoparticles enhanced thyroid endocrine disruption of pentachlorophenol rather than neurobehavioral defects in zebrafish larvae. <i>Chemosphere</i> , 2020, 249, 126536.	8.2	20
114	Effects of SiO <sub>2</sub> nanoparticles on the uptake of tetrabromobisphenol A and its impact on the thyroid endocrine system in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111845.	6.0	20
115	Bioaccumulation, elimination and metabolism in earthworms and microbial indices responses after exposure to decabromodiphenyl ethane in a soil-earthworm-microbe system. <i>Environmental Pollution</i> , 2021, 289, 117965.	7.5	20
116	The impact of long term exposure to phthalic acid esters on reproduction in Chinese rare minnow ( <i>Gobiocypris rarus</i> ). <i>Environmental Pollution</i> , 2015, 203, 130-136.	7.5	19
117	Endocrine Disruption throughout the Hypothalamusâ€“Pituitaryâ€“Gonadalâ€“Liver (HPGL) Axis in Marine Medaka ( <i>Oryzias melastigma</i> ) Chronically Exposed to the Antifouling and Chemopreventive Agent, 3,3â€²-Diindolylmethane (DIM). <i>Chemical Research in Toxicology</i> , 2016, 29, 1020-1028.	3.3	19
118	Exploring the environmental fate of novel brominated flame retardants in a sediment-water-mudsnail system: Enrichment, removal, metabolism and structural damage. <i>Environmental Pollution</i> , 2020, 265, 114924.	7.5	19
119	Evaluation and comparison of the mitochondrial and developmental toxicity of three strobilurins in zebrafish embryo/larvae. <i>Environmental Pollution</i> , 2021, 270, 116277.	7.5	19
120	Brominated flame retardants (BFRs) in sediment from a typical e-waste dismantling region in Southern China: Occurrence, spatial distribution, composition profiles, and ecological risks. <i>Science of the Total Environment</i> , 2022, 824, 153813.	8.0	18
121	Endocrine disruption in Chinese rare minnow ( <i>Gobiocypris rarus</i> ) after long-term exposure to low environmental concentrations of progestin megestrol acetate. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 289-297.	6.0	15
122	New evidence for neurobehavioral toxicity of deltamethrin at environmentally relevant levels in zebrafish. <i>Science of the Total Environment</i> , 2022, 822, 153623.	8.0	14
123	Coexposure to environmental concentrations of cis-bifenthrin and graphene oxide: Adverse effects on the nervous system during metamorphic development of <i>Xenopus laevis</i> . <i>Journal of Hazardous Materials</i> , 2020, 381, 120995.	12.4	13
124	Linking genomic responses of gonads with reproductive impairment in marine medaka ( <i>Oryzias</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1. (DIM). <i>Aquatic Toxicology</i> , 2017, 183, 135-143.	4.0	12
125	Genome-wide identification of ATP-binding cassette ( ABC ) transporters and conservation of their xenobiotic transporter function in the monogonont rotifer ( <i>Brachionus koreanus</i> ). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 21, 17-26.	1.0	12
126	Parental exposure to perfluorobutane sulfonate disturbs the transfer of maternal transcripts and offspring embryonic development in zebrafish. <i>Chemosphere</i> , 2020, 256, 127169.	8.2	12



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127	Cytotoxicity profiling of decabromodiphenyl ethane to earthworm ( <i>Eisenia fetida</i> ): Abnormity-recovery-dysregulation physiological pattern reflects the coping mechanism. <i>Science of the Total Environment</i> , 2022, 813, 152607.	8.0	12
128	The involvement of autophagy and cytoskeletal regulation in TDCIPP-induced SH-SY5Y cell differentiation. <i>NeuroToxicology</i> , 2017, 62, 14-23.	3.0	11
129	Glyphosate and glufosinate-ammonium in aquaculture ponds and aquatic products: Occurrence and health risk assessment. <i>Environmental Pollution</i> , 2022, 296, 118742.	7.5	11
130	Neurotoxicity of tetrabromobisphenol A and SiO <sub>2</sub> nanoparticle co-exposure in zebrafish and barrier function of the embryonic chorion. <i>Science of the Total Environment</i> , 2022, 845, 157364.	8.0	11
131	Response of developing cultured freshwater gill epithelia to gradual apical media dilution and hormone supplementation. <i>The Journal of Experimental Zoology</i> , 2004, 301A, 867-881.	1.4	10
132	Genome-wide identification of 99 autophagy-related (Atg) genes in the monogonont rotifer <i>Brachionus</i> spp. and transcriptional modulation in response to cadmium. <i>Aquatic Toxicology</i> , 2018, 201, 73-82.	4.0	10
133	Bioconcentration, depuration and toxicity of Pb in the presence of titanium dioxide nanoparticles in zebrafish larvae. <i>Aquatic Toxicology</i> , 2019, 214, 105257.	4.0	10
134	Unexpected Observations: Probiotic Administration Greatly Aggravates the Reproductive Toxicity of Perfluorobutanesulfonate in Zebrafish. <i>Chemical Research in Toxicology</i> , 2020, 33, 1605-1608.	3.3	10
135	Bis(2-ethylhexyl)-tetrabromophthalate induces zebrafish obesity by altering the brain-gut axis and intestinal microbial composition. <i>Environmental Pollution</i> , 2021, 290, 118127.	7.5	10
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137	Binary exposure to hypoxia and perfluorobutane sulfonate disturbs sensory perception and chromatin topography in marine medaka embryos. <i>Environmental Pollution</i> , 2020, 266, 115284.	7.5	9
138	Mechanistic study of chlordecone-induced endocrine disruption: Based on an adverse outcome pathway network. <i>Chemosphere</i> , 2016, 161, 372-381.	8.2	8
139	Effects of nano-TiO <sub>2</sub> on the bioavailability and toxicity of bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH) in developing zebrafish. <i>Chemosphere</i> , 2022, 295, 133862.	8.2	8
140	Cultured gill epithelial cells from tilapia ( <i>Oreochromis niloticus</i> ): a new in vitro assay for toxicants. <i>Aquatic Toxicology</i> , 2005, 71, 61-72.	4.0	7
141	Embryonic exposure to pentabromobenzene inhibited the inflation of posterior swim bladder in zebrafish larvae. <i>Environmental Pollution</i> , 2020, 259, 113923.	7.5	7
142	Bis (2-ethylhexyl)-2,3,4,5-tetrabromophthalate showed poor penetrability but increased the permeability of blood brain barrier: Evidences from in vitro and in vivo studies. <i>Journal of Hazardous Materials</i> , 2022, 424, 127386.	12.4	6
143	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.	8.0	3
144	Nano-TiO <sub>2</sub> Adsorbed Decabromodiphenyl Ethane and Changed Its Bioavailability, Biotransformation and Biototoxicity in Zebrafish Embryos/Larvae. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	3

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145	Establishment of a three-step method to evaluate effects of chemicals on development of zebrafish embryo/larvae. <i>Chemosphere</i> , 2017, 186, 209-217.	8.2	2
146	Endocrine disrupting effects induced by levonorgestrel linked to altered DNA methylation in rare minnow ( <i>Gobiocypris rarus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109332.	2.6	0