

Bingsheng Zhou

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142
papers

7,139
citations

43
h-index

80
g-index

149
ext. papers

8,549
ext. citations

7.3
avg. IF

6.1
L-index

#	Paper	IF	Citations
142	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 & Technology</i> , 2016 , 50, 8849-57	10.3	556
141	Occurrence and Characteristics of Microplastic Pollution in Xiangxi Bay of Three Gorges Reservoir, China. <i>Environmental Science & Technology</i> , 2017 , 51, 3794-3801	10.3	277
140	Developmental toxicity and alteration of gene expression in zebrafish embryos exposed to PFOS. <i>Toxicology and Applied Pharmacology</i> , 2008 , 230, 23-32	4.6	271
139	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, 135-43	5.1	251
138	The role of Nrf2 and MAPK pathways in PFOS-induced oxidative stress in zebrafish embryos. <i>Toxicological Sciences</i> , 2010 , 115, 391-400	4.4	201
137	Hexabromocyclododecane-induced developmental toxicity and apoptosis in zebrafish embryos. <i>Aquatic Toxicology</i> , 2009 , 93, 29-36	5.1	201
136	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, 207-13	5.1	194
135	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, 226-33	5.1	194
134	Pharmaceuticals in tap water: human health risk assessment and proposed monitoring framework in China. <i>Environmental Health Perspectives</i> , 2013 , 121, 839-46	8.4	168
133	Waterborne exposure to PFOS causes disruption of the hypothalamus-pituitary-thyroid axis in zebrafish larvae. <i>Chemosphere</i> , 2009 , 77, 1010-8	8.4	167
132	Bioconcentration and metabolism of decabromodiphenyl ether (BDE-209) result in thyroid endocrine disruption in zebrafish larvae. <i>Aquatic Toxicology</i> , 2012 , 110-111, 141-8	5.1	163
131	Chronic effects of water-borne PFOS exposure on growth, survival and hepatotoxicity in zebrafish: a partial life-cycle test. <i>Chemosphere</i> , 2009 , 74, 723-9	8.4	148
130	Parental transfer of polybrominated diphenyl ethers (PBDEs) and thyroid endocrine disruption in zebrafish. <i>Environmental Science & Technology</i> , 2011 , 45, 10652-9	10.3	144
129	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 & Technology</i> , 2015 , 49, 5123-32	10.3	143
128	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, 267-77	5.1	143
127	Bioconcentration, metabolism and neurotoxicity of the organophorous flame retardant 1,3-dichloro 2-propyl phosphate (TDCPP) to zebrafish. <i>Aquatic Toxicology</i> , 2015 , 158, 108-15	5.1	126
126	Prenatal transfer of polybrominated diphenyl ethers (PBDEs) results in developmental neurotoxicity in zebrafish larvae. <i>Environmental Science & Technology</i> , 2012 , 46, 9727-34	10.3	111

125	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, 163-71	5.1	109
124	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, 147-57	5.1	102
123	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	12.8	101
122	Effects of prochloraz or propylthiouracil on the cross-talk between the HPG, HPA, and HPT axes in zebrafish. <i>Environmental Science & Technology</i> , 2011 , 45, 769-75	10.3	91
121	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, 173-81	5.1	88
120	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 & Technology</i> , 2013 , 47, 10574-82	10.3	85
119	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	9.3	83
118	Chronic exposure to environmental levels of tribromophenol impairs zebrafish reproduction. <i>Toxicology and Applied Pharmacology</i> , 2010 , 243, 87-95	4.6	82
117	Enhanced Bioconcentration of Bisphenol A in the Presence of Nano-TiO ₂ Can Lead to Adverse Reproductive Outcomes in Zebrafish. <i>Environmental Science & Technology</i> , 2016 , 50, 1005-13	10.3	80
116	Cultured gill epithelia as models for the freshwater fish gill. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1566, 72-83	3.8	78
115	Developmental neurotoxicity of triphenyl phosphate in zebrafish larvae. <i>Aquatic Toxicology</i> , 2018 , 203, 80-87	5.1	74
114	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, 117-26	5.1	72
113	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, 131-7	5.1	72
112	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 Suppl 1, 196-207	5.3	71
111	Acute exposure to DE-71: effects on locomotor behavior and developmental neurotoxicity in zebrafish larvae. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2338-44	3.8	70
110	Protein profiles in zebrafish (<i>Danio rerio</i>) embryos exposed to perfluorooctane sulfonate. <i>Toxicological Sciences</i> , 2009 , 110, 334-40	4.4	68
109	Exposure of spermatozoa to duroquinone may impair reproduction of the common carp (<i>Cyprinus carpio</i>) through oxidative stress. <i>Aquatic Toxicology</i> , 2006 , 77, 136-42	5.1	67
108	Endocrine disruption and reproductive impairment in zebrafish by exposure to 8:2 fluorotelomer alcohol. <i>Aquatic Toxicology</i> , 2010 , 96, 70-6	5.1	66

107	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 & Technology</i> , 2015 , 49, 12975-83	10.3	56
106	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	9.3	55
105	Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor. <i>Environmental Science & Technology</i> , 2018 , 52, 2323-2330 ^{10.3}	10.3	52
104	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	5.1	49
103	Thyroid endocrine system disruption by pentachlorophenol: an in vitro and in vivo assay. <i>Aquatic Toxicology</i> , 2013 , 142-143, 138-45	5.1	48
102	Endocrine disruption and reproduction impairment in zebrafish after long-term exposure to DE-71. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1354-62	3.8	46
101	Effect of combined exposure to lead and decabromodiphenyl ether on neurodevelopment of zebrafish larvae. <i>Chemosphere</i> , 2016 , 144, 1646-54	8.4	44
100	Parental co-exposure to bisphenol A and nano-TiO causes thyroid endocrine disruption and developmental neurotoxicity in zebrafish offspring. <i>Science of the Total Environment</i> , 2019 , 650, 557-565 ^{10.2}	10.2	44
99	The synthetic progestin megestrol acetate adversely affects zebrafish reproduction. <i>Aquatic Toxicology</i> , 2014 , 150, 66-72	5.1	42
98	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, 175-81	5.1	42
97	The adverse effect of TCIPP and TCEP on neurodevelopment of zebrafish embryos/larvae. <i>Chemosphere</i> , 2019 , 220, 811-817	8.4	42
96	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, 341-51	4.4	41
95	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, 764-72	3.8	41
94	Primary cultured cells as sensitive in vitro model for assessment of toxicants--comparison to hepatocytes and gill epithelia. <i>Aquatic Toxicology</i> , 2006 , 80, 109-18	5.1	41
93	Bioconcentration, Biotransformation, and Thyroid Endocrine Disruption of Decabromodiphenyl Ethane (Ddbpe), A Novel Brominated Flame Retardant, in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2019 , 53, 8437-8446	10.3	39
92	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	9.3	39
91	Multigenerational Disruption of the Thyroid Endocrine System in Marine Medaka after a Life-Cycle Exposure to Perfluorobutanesulfonate. <i>Environmental Science & Technology</i> , 2018 , 52, 4432-4439	10.3	38
90	The binary mixtures of megestrol acetate and 17 β ethynylestradiol adversely affect zebrafish reproduction. <i>Environmental Pollution</i> , 2016 , 213, 776-784	9.3	38

89	Tetrabromobisphenol A caused neurodevelopmental toxicity via disrupting thyroid hormones in zebrafish larvae. <i>Chemosphere</i> , 2018 , 197, 353-361	8.4	36
88	Impact of co-exposure with lead and decabromodiphenyl ether (BDE-209) on thyroid function in zebrafish larvae. <i>Aquatic Toxicology</i> , 2014 , 157, 186-95	5.1	36
87	Endocrine disruption by di-(2-ethylhexyl)-phthalate in Chinese rare minnow (<i>Gobiocypris rarus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1846-54	3.8	36
86	The progestin levonorgestrel affects sex differentiation in zebrafish at environmentally relevant concentrations. <i>Aquatic Toxicology</i> , 2015 , 166, 1-9	5.1	35
85	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, 222-8	4.6	34
84	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	4.7	33
83	Chronic Exposure of Marine Medaka (<i>Oryzias melastigma</i>) to 4,5-Dichloro-2-n-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 & Technology</i> , 2016 , 50, 4492-501	10.3	33
82	The developmental neurotoxicity of polybrominated diphenyl ethers: Effect of DE-71 on dopamine in zebrafish larvae. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1119-26	3.8	32
81	Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP. <i>Toxicology</i> , 2011 , 282, 146-53	4.4	32
80	Acute exposure to DE-71 causes alterations in visual behavior in zebrafish larvae. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1370-5	3.8	30
79	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	4.6	30
78	Contamination by perfluoroalkyl substances and microbial community structure in Pearl River Delta sediments. <i>Environmental Pollution</i> , 2019 , 245, 218-225	9.3	30
77	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	9.3	30
76	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	5.1	30
75	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	10.2	29
74	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, 285-94	5.1	28
73	Perfluorobutanesulfonate Exposure Skews Sex Ratio in Fish and Transgenerationally Impairs Reproduction. <i>Environmental Science & Technology</i> , 2019 , 53, 8389-8397	10.3	28
72	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, 581-6	5.8	27

71	Adverse Effects, Expression of the Bk-CYP3045C1 Gene, and Activation of the ERK Signaling Pathway in the Water Accommodated Fraction-Exposed Rotifer. <i>Environmental Science & Technology</i> , 2016 , 50, 6025-35	10.3	27
70	Effects of xenoestrogens on the expression of vitellogenin (vtg) and cytochrome P450 aromatase (cyp19a and b) 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, 960-7	2.3	27
69	A protective role of autophagy in TDCIPP-induced developmental neurotoxicity in zebrafish larvae. <i>Aquatic Toxicology</i> , 2018 , 199, 46-54	5.1	25
68	Alterations in retinoid status after long-term exposure to PBDEs in zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2012 , 120-121, 11-8	5.1	25
67	Potential exposure of perfluorinated compounds to Chinese in Shenyang and Yangtze River Delta areas. <i>Environmental Chemistry</i> , 2011 , 8, 407	3.2	25
66	Optical toxicity of triphenyl phosphate in zebrafish larvae. <i>Aquatic Toxicology</i> , 2019 , 210, 139-147	5.1	24
65	A settlement inhibition assay with cyprid larvae of the barnacle <i>Balanus amphitrite</i> . <i>Chemosphere</i> , 1997 , 35, 1867-1874	8.4	24
64	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	12.8	24
63	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	7	23
62	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	12.9	23
61	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	9.3	23
60	Tris (1,3-dichloro-2-propyl) phosphate-induced apoptotic signaling pathways in SH-SY5Y neuroblastoma cells. <i>NeuroToxicology</i> , 2017 , 58, 1-10	4.4	22
59	Photodegradation of novel brominated flame retardants (NBFRs) in a liquid system: Kinetics and photoproducts. <i>Chemical Engineering Journal</i> , 2019 , 362, 938-946	14.7	21
58	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 & Technology</i> , 2017 , 51, 1840-1847	10.3	20
57	Probiotic Modulation of Lipid Metabolism Disorders Caused by Perfluorobutanesulfonate Pollution in Zebrafish. <i>Environmental Science & Technology</i> , 2020 , 54, 7494-7503	10.3	20
56	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	5.1	20
55	Waterborne exposure to low concentrations of BDE-47 impedes early vascular development in zebrafish embryos/larvae. <i>Aquatic Toxicology</i> , 2018 , 203, 19-27	5.1	20
54	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	5.1	19

53	Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate Affects Lipid Metabolism in Zebrafish Larvae via DNA Methylation Modification. <i>Environmental Science & Technology</i> , 2020 , 54, 355-363	10.3	19
52	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	8.4	18
51	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	9.3	18
50	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	10.2	18
49	Impact of co-exposure to titanium dioxide nanoparticles and Pb on zebrafish embryos. <i>Chemosphere</i> , 2019 , 233, 579-589	8.4	17
48	The impact of long term exposure to phthalic acid esters on reproduction in Chinese rare minnow (<i>Gobio cypris rarus</i>). <i>Environmental Pollution</i> , 2015 , 203, 130-136	9.3	17
47	TiO nanoparticles and BPA are combined to impair the development of offspring zebrafish after parental coexposure. <i>Chemosphere</i> , 2019 , 217, 732-741	8.4	17
46	Adverse outcome pathway: Framework, application, and challenges in chemical risk assessment. <i>Journal of Environmental Sciences</i> , 2015 , 35, 191-193	6.4	16
45	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	4.4	16
44	Endocrine Disruption throughout the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis in Marine Medaka (<i>Oryzias melastigma</i>) Chronically Exposed to the Antifouling and Chemopreventive Agent, 3,3'-Diindolylmethane (DIM). <i>Chemical Research in Toxicology</i> , 2016 , 29, 1020-8	4	16
43	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	9.3	15
42	Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish. <i>Environmental Pollution</i> , 2019 , 255, 113357	9.3	14
41	Effects of acute exposure to polybrominated diphenyl ethers on retinoid signaling in zebrafish larvae. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 35, 13-20	5.8	14
40	Parental Exposure to Perfluorobutanesulfonate Impairs Offspring Development through Inheritance of Paternal Methylome. <i>Environmental Science & Technology</i> , 2019 , 53, 12018-12025	10.3	12
39	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	4.1	11
38	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	2	11
37	Exposure to cadmium causes inhibition of otolith development and behavioral impairment in zebrafish larvae. <i>Aquatic Toxicology</i> , 2019 , 214, 105236	5.1	10
36	Nano-TiO enhanced bioaccumulation and developmental neurotoxicity of bisphenol a in zebrafish larvae. <i>Environmental Research</i> , 2020 , 187, 109682	7.9	10

35	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 & Technology</i> , 2021 , 55, 529-537	10.3	10
34	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	5.1	9
33	Bioconcentration of 2,4,6-tribromophenol (TBP) and thyroid endocrine disruption in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111207	7	9
32	Bioconcentration and developmental neurotoxicity of novel brominated flame retardants, hexabromobenzene and pentabromobenzene in zebrafish. <i>Environmental Pollution</i> , 2021 , 268, 115895	9.3	9
31	Linking genomic responses of gonads with reproductive impairment in marine medaka (<i>Oryzias melastigma</i>) exposed chronically to the chemopreventive and antifouling agent, 3,3'-diindolylmethane (DIM). <i>Aquatic Toxicology</i> , 2017 , 183, 135-143	5.1	8
30	Mechanistic study of chlordecone-induced endocrine disruption: Based on an adverse outcome pathway network. <i>Chemosphere</i> , 2016 , 161, 372-381	8.4	8
29	Bioconcentration, depuration and toxicity of Pb in the presence of titanium dioxide nanoparticles in zebrafish larvae. <i>Aquatic Toxicology</i> , 2019 , 214, 105257	5.1	8
28	Response of developing cultured freshwater gill epithelia to gradual apical media dilution and hormone supplementation. <i>The Journal of Experimental Zoology</i> , 2004 , 301, 867-81		8
27	Effects of SiO ₂ 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	7	8
26	Titanium dioxide nanoparticles enhanced thyroid endocrine disruption of pentachlorophenol rather than neurobehavioral defects in zebrafish larvae. <i>Chemosphere</i> , 2020 , 249, 126536	8.4	7
25	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	7	7
24	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	5.1	7
23	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	12.8	7
22	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	9.3	6
21	Embryonic exposure to pentabromobenzene inhibited the inflation of posterior swim bladder in zebrafish larvae. <i>Environmental Pollution</i> , 2020 , 259, 113923	9.3	6
20	In vitro bilayer interferometry analysis of acetylcholinesterase as a potential target of aryl-organophosphorus flame-retardants. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124999	12.8	6
19	The involvement of autophagy and cytoskeletal regulation in TDCIPP-induced SH-SY5Y cell differentiation. <i>NeuroToxicology</i> , 2017 , 62, 14-23	4.4	5
18	Unexpected Observations: Probiotic Administration Greatly Aggravates the Reproductive Toxicity of Perfluorobutanesulfonate in Zebrafish. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1605-1608	4	5

17	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 & Technology</i> , 2021 , 55, 6926-6935	10.3	5
16	Evaluation and comparison of the mitochondrial and developmental toxicity of three strobilurins in zebrafish embryo/larvae. <i>Environmental Pollution</i> , 2021 , 270, 116277	9.3	5
15	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	9.3	5
14	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	9.3	4
13	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	10.2	4
12	Binary exposure to hypoxia and perfluorobutane sulfonate disturbs sensory perception and chromatin topography in marine medaka embryos. <i>Environmental Pollution</i> , 2020 , 266, 115284	9.3	3
11	Parental exposure to perfluorobutane sulfonate disturbs the transfer of maternal transcripts and offspring embryonic development in zebrafish. <i>Chemosphere</i> , 2020 , 256, 127169	8.4	2
10	Establishment of a three-step method to evaluate effects of chemicals on development of zebrafish embryo/larvae. <i>Chemosphere</i> , 2017 , 186, 209-217	8.4	2
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5	Effects of nano-TiO on the bioavailability and toxicity of bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH) in developing zebrafish.. <i>Chemosphere</i> , 2022 , 133862	8.4	0
4	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> , 2021 , 152607	10.2	0
3	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	12.8	0
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1	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	3.2	