

# Xiao-Wei Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

198 papers	7,247 citations	47 h-index	77 g-index
210 ext. papers	8,685 ext. citations	7.8 avg, IF	5.9 L-index

#	Paper	IF	Citations
198	Adverse Outcome Pathway Network-Based Chemical Risk Assessment Using High-Throughput Transcriptomics <b>2022</b> , 307-324		
197	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. <i>Environmental Sciences Europe</i> , <b>2022</b> , 34, 21	5	2
196	Gap analysis for DNA-based biomonitoring of aquatic ecosystems in China. <i>Ecological Indicators</i> , <b>2022</b> , 137, 108732	5.8	0
195	Tris(2-butoxyethyl) phosphate (TBEP): A flame retardant in solid waste display hepatotoxic and carcinogenic risks for humans.. <i>Chemosphere</i> , <b>2022</b> , 133977	8.4	0
194	Evaluation of dioxin induced transcriptomic responses in a 3D human liver microtissue model.. <i>Environmental Research</i> , <b>2022</b> , 210, 112906	7.9	0
193	Metal-Organic Frameworks Decorated Cu <sub>2</sub> O Heterogeneous Catalysts for Selective Oxidation of Styrene. <i>Catalysts</i> , <b>2022</b> , 12, 487	4	1
192	Occurrence, partitioning, and bioaccumulation of an emerging class of PBT substances (polychlorinated diphenyl sulfides) in Chaohu Lake, Southeast China.. <i>Water Research</i> , <b>2022</b> , 218, 118498	12.5	1
191	Assessment of genotoxic chemicals using chemogenomic profiling based on gene-knockout library in <i>Saccharomyces cerevisiae</i> . <i>Toxicology in Vitro</i> , <b>2021</b> , 79, 105278	3.6	0
190	CRISPR screen identified that UGT1A9 was required for bisphenols-induced mitochondria dyshomeostasis. <i>Environmental Research</i> , <b>2021</b> , 205, 112427	7.9	1
189	Using and Machine Learning Approaches to Determine Species-Specific Dioxin-like Potency and Congener-Specific Relative Sensitivity among Birds for Brominated Dioxin Analogues. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 16056-16066	10.3	2
188	Allosteric binding on nuclear receptors: Insights on screening of non-competitive endocrine-disrupting chemicals. <i>Environment International</i> , <b>2021</b> , 159, 107009	12.9	1
187	eDNA biomonitoring revealed the ecological effects of water diversion projects between Yangtze River and Tai Lake.. <i>Water Research</i> , <b>2021</b> , 210, 117994	12.5	2
186	CRISPR approach in environmental chemical screening focusing on population variability. <i>Journal of Toxicological Sciences</i> , <b>2021</b> , 46, 499-507	1.9	
185	Assessment of fibrotic pathways induced by environmental chemicals using 3D-human liver microtissue model. <i>Environmental Research</i> , <b>2021</b> , 194, 110679	7.9	4
184	Biodirected Identification of Untargeted Toxicants in Industrial Wastewater Guides the Upgrading of Water Treatments. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 474-481	11	2
183	Cross-Model Comparison of Transcriptomic Dose-Response of Short-Chain Chlorinated Paraffins. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 8149-8158	10.3	1
182	Polychlorinated Diphenyl Sulfides: An Emerging Class of Persistent, Bioaccumulative, and Toxic Substances in the Environment. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 2657-2666	3.8	3

181	Identification of (anti-)androgenic activities and risks of sludges from industrial and domestic wastewater treatment plants. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115716	9.3	1
180	Bisphenol S increases the obesogenic effects of a high-glucose diet through regulating lipid metabolism in <i>Caenorhabditis elegans</i> . <i>Food Chemistry</i> , <b>2021</b> , 339, 127813	8.5	5
179	Photodegradation of carbon dots cause cytotoxicity. <i>Nature Communications</i> , <b>2021</b> , 12, 812	17.4	27
178	eDNA metabarcoding revealed differential structures of aquatic communities in a dynamic freshwater ecosystem shaped by habitat heterogeneity. <i>Environmental Research</i> , <b>2021</b> , 201, 111602	7.9	3
177	Bisphenol S promotes fat storage in multiple generations of <i>Caenorhabditis elegans</i> in a daf-16/nhr-49 dependent manner. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 250, 109175	3.2	2
176	Structures of Endocrine-Disrupting Chemicals Correlate with the Activation of 12 Classic Nuclear Receptors. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	5
175	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 1485-1505	3.8	21
174	A Tiered Approach for Screening and Assessment of Environmental Mixtures by Omics and Assays. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 7430-7439	10.3	14
173	Evidence-based assessment on environmental mixture using a concentration-dependent transcriptomics approach. <i>Environmental Pollution</i> , <b>2020</b> , 265, 114839	9.3	3
172	Integrated assessment of west coast of South Korea by use of benthic bacterial community structure as determined by eDNA, concentrations of contaminants, and in vitro bioassays. <i>Environment International</i> , <b>2020</b> , 137, 105569	12.9	4
171	Pathway-based assessment of single chemicals and mixtures by a high-throughput transcriptomics approach. <i>Environment International</i> , <b>2020</b> , 136, 105455	12.9	11
170	Uncovering the complete biodiversity structure in spatial networks: the example of riverine systems. <i>Oikos</i> , <b>2020</b> , 129, 607-618	4	29
169	A meeting framework for inclusive and sustainable science. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 668-671	11.3	7
168	Mechanistic in silico modeling of bisphenols to predict estrogen and glucocorticoid disrupting potentials. <i>Science of the Total Environment</i> , <b>2020</b> , 728, 138854	10.2	5
167	Dose-Dependent Transcriptomic Approach for Mechanistic Screening in Chemical Risk Assessment <b>2020</b> , 33-56		2
166	eDNA metabarcoding in zooplankton improves the ecological status assessment of aquatic ecosystems. <i>Environment International</i> , <b>2020</b> , 134, 105230	12.9	20
165	Concentration-dependent transcriptome of zebrafish embryo for environmental chemical assessment. <i>Chemosphere</i> , <b>2020</b> , 245, 125632	8.4	6
164	Holistic pelagic biodiversity monitoring of the Black Sea via eDNA metabarcoding approach: From bacteria to marine mammals. <i>Environment International</i> , <b>2020</b> , 135, 105307	12.9	20

163	Development of the transcriptome for a sediment ecotoxicological model species, <i>Chironomus dilutus</i> . <i>Chemosphere</i> , <b>2020</b> , 244, 125541	8.4	10
162	Early Life Stage Bioactivity Assessment of Short-Chain Chlorinated Paraffins at Environmentally Relevant Concentrations by Concentration-Dependent Transcriptomic Analysis of Zebrafish Embryos. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 996-1004	10.3	4
161	High-throughput transcriptomics: An insight on the pathways affected in HepG2 cells exposed to nickel oxide nanoparticles. <i>Chemosphere</i> , <b>2020</b> , 244, 125488	8.4	11
160	Oral Exposure to 1,4-Dioxane Induces Hepatic Inflammation in Mice: The Potential Promoting Effect of the Gut Microbiome. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 10149-10158	10.3	7
159	Molecular fingerprints of conazoles via functional genomic profiling of <i>Saccharomyces cerevisiae</i> . <i>Toxicology in Vitro</i> , <b>2020</b> , 69, 104998	3.6	1
158	Structures of Endocrine-Disrupting Chemicals Determine Binding to and Activation of the Estrogen Receptor and Androgen Receptor. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11424-11433	10.3	16
157	Human activities fingerprint on multitrophic biodiversity and ecosystem functions across a major river catchment in China. <i>Global Change Biology</i> , <b>2020</b> , 26, 6867-6879	11.4	9
156	Effect-based methods are key. The European Collaborative Project SOLUTIONS recommends integrating effect-based methods for diagnosis and monitoring of water quality. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	82
155	Toxicity and multigenerational effects of bisphenol S exposure to on developmental, biochemical, reproductive and oxidative stress. <i>Toxicology Research</i> , <b>2019</b> , 8, 630-640	2.6	30
154	Risk assessment of chlorantraniliprole pesticide use in rice-crab coculture systems in the basin of the lower reaches of the Yangtze River in China. <i>Chemosphere</i> , <b>2019</b> , 230, 440-448	8.4	7
153	Environmental DNA Shaping a New Era of Ecotoxicological Research. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 5605-5612	10.3	23
152	Directly imaging the structure-property correlation of perovskites in crystalline microwires. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 13305-13314	13	5
151	Molecular Initiating Events of Bisphenols on Androgen Receptor-Mediated Pathways Provide Guidelines for in Silico Screening and Design of Substitute Compounds. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 205-210	11	10
150	A critical review of synthetic chemicals in surface waters of the US, the EU and China. <i>Environment International</i> , <b>2019</b> , 131, 104994	12.9	57
149	Spatial distribution and hazard of halogenated flame retardants and polychlorinated biphenyls to common kingfisher ( <i>Alcedo atthis</i> ) from a region of South China affected by electronic waste recycling. <i>Environment International</i> , <b>2019</b> , 130, 104952	12.9	11
148	Sedimentary DNA reveals over 150 years of ecosystem change by human activities in Lake Chao, China. <i>Environment International</i> , <b>2019</b> , 133, 105214	12.9	11
147	Occurrences and patterns of residual organochlorine pesticides (OCPs) in cultured Chinese mitten crab ( <i>Eriocheir sinensis</i> ) in China: concentrations, sources, and a human health risk assessment. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 4952-4960	5.1	11
146	Acid mine drainage affects the diversity and metal resistance gene profile of sediment bacterial community along a river. <i>Chemosphere</i> , <b>2019</b> , 217, 790-799	8.4	48

145	Omics Advances in Ecotoxicology. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 3842-3851	10.3	71
144	Adverse outcome pathway networks I: Development and applications. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 1723-1733	3.8	87
143	Adverse outcome pathway networks II: Network analytics. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 1734-1748	3.8	67
142	In situ microbiota distinguished primary anthropogenic stressor in freshwater sediments. <i>Environmental Pollution</i> , <b>2018</b> , 239, 189-197	9.3	15
141	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , <b>2018</b> , 238, 739-748	9.3	32
140	Use of prospective and retrospective risk assessment methods that simplify chemical mixtures associated with treated domestic wastewater discharges. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 690-702	3.8	20
139	Functional genomics assessment of narcotic and specific acting chemical pollutants using <i>E. coli</i> . <i>Environmental Pollution</i> , <b>2018</b> , 232, 146-153	9.3	4
138	Sensitive community responses of microbiota to copper in sediment toxicity test. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 599-608	3.8	13
137	Non-Target and Suspect Screening of Per- and Polyfluoroalkyl Substances in Airborne Particulate Matter in China. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 8205-8214	10.3	77
136	Chemical-, site-, and taxa-dependent benthic community health in coastal areas of the Bohai Sea and northern Yellow Sea: A sediment quality triad approach. <i>Science of the Total Environment</i> , <b>2018</b> , 645, 743-752	10.2	17
135	Screening hundreds of emerging organic pollutants (EOPs) in surface water from the Yangtze River Delta (YRD): Occurrence, distribution, ecological risk. <i>Environmental Pollution</i> , <b>2018</b> , 241, 484-493	9.3	93
134	Copper Affects Composition and Functioning of Microbial Communities in Marine Biofilms at Environmentally Relevant Concentrations. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3248	5.7	20
133	A Reduced Transcriptome Approach to Assess Environmental Toxicants Using Zebrafish Embryo Test. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 821-830	10.3	34
132	A qPCR method to quantify bioavailable phosphorus using indigenous aquatic species. <i>Environmental Sciences Europe</i> , <b>2018</b> , 30, 32	5	4
131	Environmental DNA Metabarcoding Supporting Community Assessment of Environmental Stressors in a Field-Based Sediment Microcosm Study. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 14469-14479	10.3	21
130	Down-Regulation of hspb9 and hspb11 Contributes to Wavy Notochord in Zebrafish Embryos Following Exposure to Polychlorinated Diphenylsulfides. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 12829-12840	10.3	5
129	Elevated CO2 accelerates polycyclic aromatic hydrocarbon accumulation in a paddy soil grown with rice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196439	3.7	3
128	Application of Environmental DNA Metabarcoding for Predicting Anthropogenic Pollution in Rivers. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11708-11719	10.3	26

127	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. <i>Chemosphere</i> , <b>2017</b> , 168, 390-398	8.4	14
126	Influence of blooms of phytoplankton on concentrations of hydrophobic organic chemicals in sediments and snails in a hyper-eutrophic, freshwater lake. <i>Water Research</i> , <b>2017</b> , 113, 22-31	12.5	29
125	Where less may be more: how the rare biosphere pulls ecosystems strings. <i>ISME Journal</i> , <b>2017</b> , 11, 853-862	12.9	460
124	Ecogenomics of Zooplankton Community Reveals Ecological Threshold of Ammonia Nitrogen. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 3057-3064	10.3	53
123	An in situ toxicity identification and evaluation water analysis system: Laboratory validation. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 1636-1643	3.8	2
122	Environmental risk assessment of polycyclic musks HHCB and AHTN in consumer product chemicals in China. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 771-779	10.2	13
121	Advancing the adverse outcome pathway framework-An international horizon scanning approach. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 1411-1421	3.8	45
120	Searching for novel modes of toxic actions of oil spill using E. coli live cell array reporter system - A Hebei Spirit oil spill study. <i>Chemosphere</i> , <b>2017</b> , 169, 669-677	8.4	2
119	Environmental DNA metabarcoding reveals primary chemical contaminants in freshwater sediments from different land-use types. <i>Chemosphere</i> , <b>2017</b> , 172, 201-209	8.4	32
118	Ecogenomic responses of benthic communities under multiple stressors along the marine and adjacent riverine areas of northern Bohai Sea, China. <i>Chemosphere</i> , <b>2017</b> , 172, 166-174	8.4	22
117	Phthalate Esters on Hands of Office Workers: Estimating the Influence of Touching Surfaces. <i>Environmental Science and Technology Letters</i> , <b>2017</b> , 4, 1-5	11	13
116	Extended Virtual Screening Strategies To Link Antiandrogenic Activities and Detected Organic Contaminants in Soils. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 12528-12536	10.3	11
115	Functional genomic assessment of 2, 2-bis (bromomethyl)-1, 3-propanediol induced cytotoxicity in a single-gene knockout library of E. coli. <i>Chemosphere</i> , <b>2017</b> , 185, 582-588	8.4	3
114	Zooplankton Community Profiling in a Eutrophic Freshwater Ecosystem-Lake Tai Basin by DNA Metabarcoding. <i>Scientific Reports</i> , <b>2017</b> , 7, 1773	4.9	34
113	Qualitative and quantitative simulation of androgen receptor antagonists: A case study of polybrominated diphenyl ethers. <i>Science of the Total Environment</i> , <b>2017</b> , 603-604, 495-501	10.2	5
112	p53, MAPKAPK-2 and caspases regulate nickel oxide nanoparticles induce cell death and cytogenetic anomalies in rats. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 228-237	7.9	21
111	Benchmarking Water Quality from Wastewater to Drinking Waters Using Reduced Transcriptome of Human Cells. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 9318-9326	10.3	30
110	Responses of earthworms and microbial communities in their guts to Triclosan. <i>Chemosphere</i> , <b>2017</b> , 168, 1194-1202	8.4	39



109	Elevated CO levels modify TiO nanoparticle effects on rice and soil microbial communities. <i>Science of the Total Environment</i> , <b>2017</b> , 578, 408-416	10.2	46
108	Detecting copper toxicity in sediments: from the subindividual level to the population level. <i>Journal of Applied Ecology</i> , <b>2017</b> , 54, 1331-1342	5.8	16
107	A high-throughput, computational system to predict if environmental contaminants can bind to human nuclear receptors. <i>Science of the Total Environment</i> , <b>2017</b> , 576, 609-616	10.2	12
106	Indigenous species barcode database improves the identification of zooplankton. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185697	3.7	13
105	Effects of Perfluorooctanoic Acid on Metabolic Profiles in Brain and Liver of Mouse Revealed by a High-throughput Targeted Metabolomics Approach. <i>Scientific Reports</i> , <b>2016</b> , 6, 23963	4.9	67
104	Impairment of reproduction of adult zebrafish ( <i>Danio rerio</i> ) by binary mixtures of environmentally relevant concentrations of triclocarban and inorganic mercury. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 134P1, 124-132	7	13
103	Effect-Directed Analysis of Aryl Hydrocarbon Receptor Agonists in Sediments from the Three Gorges Reservoir, China. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 11319-11328	10.3	20
102	Identification of Thyroid Hormone Disruptors among HO-PBDEs: In Vitro Investigations and Coregulator Involved Simulations. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12429-12438	10.3	26
101	Toxicogenomic Assessment of 6-OH-BDE47-Induced Developmental Toxicity in Chicken Embryos. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12493-12503	10.3	14
100	Effects of captivity and artificial breeding on microbiota in feces of the red-crowned crane ( <i>Grus japonensis</i> ). <i>Scientific Reports</i> , <b>2016</b> , 6, 33350	4.9	37
99	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. <i>Chemosphere</i> , <b>2016</b> , 144, 1754-62	8.4	15
98	Identification of androgen receptor antagonists: In Vitro investigation and classification methodology for flavonoid. <i>Chemosphere</i> , <b>2016</b> , 158, 72-9	8.4	7
97	Occurrence, compositional distribution, and toxicity assessment of pyrethroid insecticides in sediments from the fluvial systems of Chaohu Lake, Eastern China. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 10406-10414	5.1	13
96	Using in situ bacterial communities to monitor contaminants in river sediments. <i>Environmental Pollution</i> , <b>2016</b> , 212, 348-357	9.3	69
95	Bioavailability-based assessment of aryl hydrocarbon receptor-mediated activity in Lake Tai Basin from Eastern China. <i>Science of the Total Environment</i> , <b>2016</b> , 544, 987-94	10.2	19
94	Classification and toxicity mechanisms of novel flame retardants (NFRs) based on whole genome expression profiling. <i>Chemosphere</i> , <b>2016</b> , 144, 2150-7	8.4	12
93	Relative sensitivities among avian species to individual and mixtures of aryl hydrocarbon receptor-active compounds. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1239-46	3.8	1
92	Causes of endocrine disrupting potencies in surface water in East China. <i>Chemosphere</i> , <b>2016</b> , 144, 1435-42	4.4	21

91	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 126, 202-210	7	12
90	Functional Toxicogenomic Assessment of Triclosan in Human HepG2 Cells Using Genome-Wide CRISPR-Cas9 Screening. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 10682-10692	10.3	35
89	Short-term exposure of arsenite disrupted thyroid endocrine system and altered gene transcription in the HPT axis in zebrafish. <i>Environmental Pollution</i> , <b>2015</b> , 205, 145-52	9.3	21
88	The SOLUTIONS project: challenges and responses for present and future emerging pollutants in land and water resources management. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 22-31	10.2	149
87	Maternal transfer, distribution, and metabolism of BDE-47 and its related hydroxylated, methoxylated analogs in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2015</b> , 120, 31-6	8.4	24
86	Microbial reporter gene assay as a diagnostic and early warning tool for the detection and characterization of toxic pollution in surface waters. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 2523-32	3.8	11
85	Comparison on the molecular response profiles between nano zinc oxide (ZnO) particles and free zinc ion using a genome-wide toxicogenomics approach. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 17434-42	5.1	18
84	Future water quality monitoring--adapting tools to deal with mixtures of pollutants in water resource management. <i>Science of the Total Environment</i> , <b>2015</b> , 512-513, 540-551	10.2	198
83	Bioassay-directed identification of organic toxicants in water and sediment of Tai Lake, China. <i>Water Research</i> , <b>2015</b> , 73, 231-41	12.5	25
82	Residues of organophosphorus insecticides in sediment around a highly eutrophic lake, Eastern China. <i>Journal of Soils and Sediments</i> , <b>2015</b> , 15, 436-444	3.4	9
81	Bioaccumulation, biotransformation, and toxicity of BDE-47, 6-OH-BDE-47, and 6-MeO-BDE-47 in early life-stages of zebrafish ( <i>Danio rerio</i> ). <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1823-33	10.3	56
80	Monitoring of non-destructive sampling strategies to assess the exposure of avian species in Jiangsu Province, China to heavy metals. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 2898-906	5.1	32
79	Heavy metals in seawater, sediments, and biota from the coastal area of Yancheng City, China. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1697-704	3.8	16
78	Species-specific considerations in using the fish embryo test as an alternative to identify endocrine disruption. <i>Aquatic Toxicology</i> , <b>2014</b> , 155, 62-72	5.1	24
77	Occurrence of additive brominated flame retardants in aquatic organisms from Tai Lake and Yangtze River in Eastern China, 2009-2012. <i>Chemosphere</i> , <b>2014</b> , 114, 340-6	8.4	34
76	Mechanisms of toxicity of hydroxylated polybrominated diphenyl ethers (HO-PBDEs) determined by toxicogenomic analysis with a live cell array coupled with mutagenesis in <i>Escherichia coli</i> . <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 5929-37	10.3	38
75	Activation of avian aryl hydrocarbon receptor and inter-species sensitivity variations by polychlorinated diphenylsulfides. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 10948-56	10.3	19
74	Benchmarking organic micropollutants in wastewater, recycled water and drinking water with in vitro bioassays. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1940-56	10.3	295



73	Occurrence of organophosphate flame retardants in drinking water from China. <i>Water Research</i> , <b>2014</b> , 54, 53-61	12.5	199
72	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> , <b>2014</b> , 150, 175-81	5.1	42
71	Effects of multigenerational exposures of <i>D. magna</i> to environmentally relevant concentrations of pentachlorophenol. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 234-43	5.1	17
70	Water quality guidelines for chemicals: learning lessons to deliver meaningful environmental metrics. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 6-16	5.1	22
69	A comparison of statistical methods for deriving freshwater quality criteria for the protection of aquatic organisms. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 159-67	5.1	21
68	Dioxin-like activity in sediments from Tai Lake, China determined by use of the H4IIE-luc bioassay and quantification of individual AhR agonists. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 1480-8	5.1	14
67	Signal transduction disturbance related to hepatocarcinogenesis in mouse by prolonged exposure to Nanjing drinking water. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 6468-81	5.1	3
66	Zebrafish embryos/larvae for rapid determination of effects on hypothalamic-pituitary-thyroid (HPT) and hypothalamic-pituitary-interrenal (HPI) axis: mRNA expression. <i>Chemosphere</i> , <b>2013</b> , 93, 2327-32	8.4	18
65	Risk and toxicity assessments of heavy metals in sediments and fishes from the Yangtze River and Taihu Lake, China. <i>Chemosphere</i> , <b>2013</b> , 93, 1887-95	8.4	143
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51	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> , <b>2012</b> , 106-107, 173-81	5.1	88
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49	Thyroid hormone disrupting activities associated with phthalate esters in water sources from Yangtze River Delta. <i>Environment International</i> , <b>2012</b> , 42, 117-23	12.9	51
48	Dietary intake of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) from fish and meat by residents of Nanjing, China. <i>Environment International</i> , <b>2012</b> , 42, 138-43	12.9	54
47	Incidence of jaw lesions and activity and gene expression of hepatic P4501A enzymes in mink ( <i>Mustela vison</i> ) exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran, and 2,3,4,7,8-pentachlorodibenzofuran. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 2545-56	3.8	3
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41	In vitro profiling of endocrine disrupting potency of 2,2,4,4-tetrabromodiphenyl ether (BDE47) and related hydroxylated analogs (HO-PBDEs). <i>Marine Pollution Bulletin</i> , <b>2011</b> , 63, 287-96	6.7	34
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39	Bioanalytical and instrumental analysis of thyroid hormone disrupting compounds in water sources along the Yangtze River. <i>Environmental Pollution</i> , <b>2011</b> , 159, 441-8	9.3	30
38	Effects of prochloraz or propylthiouracil on the cross-talk between the HPG, HPA, and HPT axes in zebrafish. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 769-75	10.3	91

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36	Identification of trace organic pollutants in freshwater sources in Eastern China and estimation of their associated human health risks. <i>Ecotoxicology</i> , <b>2011</b> , 20, 1099-106	2.9	49
35	Predicting chemical impacts on vertebrate endocrine systems. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 39-51	3.8	35
34	Effects of subchronic exposure of early life stages of white sturgeon ( <i>Acipenser transmontanus</i> ) to copper, cadmium, and zinc. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2497-505	3.8	23
33	Effects of Endosulfan on the growth and reproduction of zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2525-31	3.8	32
32	Modulation of estrogen synthesis through activation of protein kinase A in H295R cells by extracts of estuary sediments. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2793-801	3.8	5
31	Endocrine disruption effects of 2,2,4,4,5-pentabromodiphenylether (BDE100) in reporter gene assays. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 850-4		15
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29	Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP. <i>Toxicology</i> , <b>2011</b> , 282, 146-53	4.4	32
28	Bisphenol A disrupts steroidogenesis in human H295R cells. <i>Toxicological Sciences</i> , <b>2011</b> , 121, 320-7	4.4	99
27	Interconversion of hydroxylated and methoxylated polybrominated diphenyl ethers in Japanese medaka. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 8729-35	10.3	94
26	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka ( <i>Oryzias latipes</i> ) and freshwater cladocerans <i>Daphnia magna</i> and <i>Moina macrocopa</i> . <i>Aquatic Toxicology</i> , <b>2010</b> , 98, 256-264	5.1	184
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18	Sequencing and characterization of mixed function monooxygenase genes CYP1A1 and CYP1A2 of Mink ( <i>Mustela vison</i> ) to facilitate study of dioxin-like compounds. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 234, 306-13	4.6	6
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