

Xiao-Wei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1904434/publications.pdf>

Version: 2024-02-01

206
papers

10,026
citations

34016

52
h-index

46693

89
g-index

210
all docs

210
docs citations

210
times ranked

11198
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of genotoxic chemicals using chemogenomic profiling based on gene-knockout library in <i>Saccharomyces cerevisiae</i> . <i>Toxicology in Vitro</i> , 2022, 79, 105278.	1.1	4
2	CRISPR screen identified that UGT1A9 was required for bisphenols-induced mitochondria dyshomeostasis. <i>Environmental Research</i> , 2022, 205, 112427.	3.7	6
3	Organophosphorus Flame Retardant TDCPP Displays Genotoxic and Carcinogenic Risks in Human Liver Cells. <i>Cells</i> , 2022, 11, 195.	1.8	11
4	Allosteric binding on nuclear receptors: Insights on screening of non-competitive endocrine-disrupting chemicals. <i>Environment International</i> , 2022, 159, 107009.	4.8	7
5	eDNA biomonitoring revealed the ecological effects of water diversion projects between Yangtze River and Tai Lake. <i>Water Research</i> , 2022, 210, 117994.	5.3	30
6	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> , 2022, 34, 21.	2.6	39
7	Gap analysis for DNA-based biomonitoring of aquatic ecosystems in China. <i>Ecological Indicators</i> , 2022, 137, 108732.	2.6	13
8	Tris(2-butoxyethyl) phosphate (TBEP): A flame retardant in solid waste display hepatotoxic and carcinogenic risks for humans. <i>Chemosphere</i> , 2022, 296, 133977.	4.2	16
9	Evaluation of dioxin induced transcriptomic responses in a 3D human liver microtissue model. <i>Environmental Research</i> , 2022, 210, 112906.	3.7	3
10	Toxicological Mechanism of Individual Susceptibility to Formaldehyde-Induced Respiratory Effects. <i>Environmental Science & Technology</i> , 2022, 56, 6511-6524.	4.6	10
11	Metal-Organic Frameworks Decorated Cu ₂ O Heterogeneous Catalysts for Selective Oxidation of Styrene. <i>Catalysts</i> , 2022, 12, 487.	1.6	10
12	Holistic Impact Evaluation of Human Activities on the Coastal Fish Biodiversity in the Chinese Coastal Environment. <i>Environmental Science & Technology</i> , 2022, 56, 6574-6583.	4.6	8
13	Occurrence, partitioning, and bioaccumulation of an emerging class of PBT substances (polychlorinated diphenyl sulfides) in Chaohu Lake, Southeast China. <i>Water Research</i> , 2022, 218, 118498.	5.3	7
14	Effect-Directed Analysis Based on the Reduced Human Transcriptome (RHT) to Identify Organic Contaminants in Source and Tap Waters along the Yangtze River. <i>Environmental Science & Technology</i> , 2022, 56, 7840-7852.	4.6	10
15	Identification of (anti-)androgenic activities and risks of sludges from industrial and domestic wastewater treatment plants. <i>Environmental Pollution</i> , 2021, 268, 115716.	3.7	5
16	Bisphenol S increases the obesogenic effects of a high-glucose diet through regulating lipid metabolism in <i>Caenorhabditis elegans</i> . <i>Food Chemistry</i> , 2021, 339, 127813.	4.2	16
17	Coastal ecosystem in East Asia: Pollution and management. <i>Environment International</i> , 2021, 149, 106185.	4.8	0
18	Photodegradation of carbon dots cause cytotoxicity. <i>Nature Communications</i> , 2021, 12, 812.	5.8	78

#	ARTICLE	IF	CITATIONS
19	Assessment of fibrotic pathways induced by environmental chemicals using 3D-human liver microtissue model. <i>Environmental Research</i> , 2021, 194, 110679.	3.7	8
20	Biodirected Identification of Untargeted Toxicants in Industrial Wastewater Guides the Upgrading of Water Treatments. <i>Environmental Science and Technology Letters</i> , 2021, 8, 474-481.	3.9	10
21	Cross-Model Comparison of Transcriptomic Dose-Response of Short-Chain Chlorinated Paraffins. <i>Environmental Science & Technology</i> , 2021, 55, 8149-8158.	4.6	15
22	Polychlorinated Diphenyl Sulfides: An Emerging Class of Persistent, Bioaccumulative, and Toxic Substances in the Environment. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2657-2666.	2.2	6
23	Recent advances in environmental DNA-based biodiversity assessment and conservation. <i>Diversity and Distributions</i> , 2021, 27, 1876-1879.	1.9	13
24	eDNA metabarcoding revealed differential structures of aquatic communities in a dynamic freshwater ecosystem shaped by habitat heterogeneity. <i>Environmental Research</i> , 2021, 201, 111602.	3.7	28
25	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> , 2021, 250, 109175.	1.3	7
26	CRISPR approach in environmental chemical screening focusing on population variability. <i>Journal of Toxicological Sciences</i> , 2021, 46, 499-507.	0.7	0
27	Using <i>In Vitro</i> 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 & Technology</i> , 2021, 55, 16056-16066.	4.6	6
28	Consideration of Multitrophic Biodiversity and Ecosystem Functions Improves Indices on River Ecological Status. <i>Environmental Science & Technology</i> , 2021, 55, 16434-16444.	4.6	18
29	Structures of Endocrine-Disrupting Chemicals Correlate with the Activation of 12 Classic Nuclear Receptors. <i>Environmental Science & Technology</i> , 2021, 55, 16552-16562.	4.6	20
30	eDNA metabarcoding in zooplankton improves the ecological status assessment of aquatic ecosystems. <i>Environment International</i> , 2020, 134, 105230.	4.8	53
31	Concentration-dependent transcriptome of zebrafish embryo for environmental chemical assessment. <i>Chemosphere</i> , 2020, 245, 125632.	4.2	13
32	Holistic pelagic biodiversity monitoring of the Black Sea via eDNA metabarcoding approach: From bacteria to marine mammals. <i>Environment International</i> , 2020, 135, 105307.	4.8	58
33	Development of the transcriptome for a sediment ecotoxicological model species, <i>Chironomus dilutus</i> . <i>Chemosphere</i> , 2020, 244, 125541.	4.2	13
34	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 & Technology</i> , 2020, 54, 996-1004.	4.6	12
35	High-throughput transcriptomics: An insight on the pathways affected in HepG2 cells exposed to nickel oxide nanoparticles. <i>Chemosphere</i> , 2020, 244, 125488.	4.2	17
36	Oral Exposure to 1,4-Dioxane Induces Hepatic Inflammation in Mice: The Potential Promoting Effect of the Gut Microbiome. <i>Environmental Science & Technology</i> , 2020, 54, 10149-10158.	4.6	17

#	ARTICLE	IF	CITATIONS
37	Molecular fingerprints of conazoles via functional genomic profiling of. <i>Toxicology in Vitro</i> , 2020, 69, 104998.	1.1	13
38	Structures of Endocrine-Disrupting Chemicals Determine Binding to and Activation of the Estrogen Receptor α and Androgen Receptor. <i>Environmental Science & Technology</i> , 2020, 54, 11424-11433.	4.6	45
39	Human activities' fingerprint on multitrophic biodiversity and ecosystem functions across a major river catchment in China. <i>Global Change Biology</i> , 2020, 26, 6867-6879.	4.2	56
40	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1485-1505.	2.2	38
41	A Tiered Approach for Screening and Assessment of Environmental Mixtures by Omics and <i>In Vitro</i> Assays. <i>Environmental Science & Technology</i> , 2020, 54, 7430-7439.	4.6	24
42	Evidence-based assessment on environmental mixture using a concentration-dependent transcriptomics approach. <i>Environmental Pollution</i> , 2020, 265, 114839.	3.7	4
43	Integrated assessment of west coast of South Korea by use of benthic bacterial community structure as determined by eDNA, concentrations of contaminants, and <i>in vitro</i> bioassays. <i>Environment International</i> , 2020, 137, 105569.	4.8	5
44	Pathway-based assessment of single chemicals and mixtures by a high-throughput transcriptomics approach. <i>Environment International</i> , 2020, 136, 105455.	4.8	21
45	Uncovering the complete biodiversity structure in spatial networks: the example of riverine systems. <i>Oikos</i> , 2020, 129, 607-618.	1.2	73
46	A meeting framework for inclusive and sustainable science. <i>Nature Ecology and Evolution</i> , 2020, 4, 668-671.	3.4	8
47	Toxicology Advances for 21st Century Chemical Pollution. <i>One Earth</i> , 2020, 2, 312-316.	3.6	37
48	Mechanistic <i>in silico</i> modeling of bisphenols to predict estrogen and glucocorticoid disrupting potentials. <i>Science of the Total Environment</i> , 2020, 728, 138854.	3.9	11
49	Dose-Dependent Transcriptomic Approach for Mechanistic Screening in Chemical Risk Assessment. , 2020, , 33-56.		3
50	A critical review of synthetic chemicals in surface waters of the US, the EU and China. <i>Environment International</i> , 2019, 131, 104994.	4.8	112
51	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> , 2019, 130, 104952.	4.8	21
52	Sedimentary DNA reveals over 150 years of ecosystem change by human activities in Lake Chao, China. <i>Environment International</i> , 2019, 133, 105214.	4.8	25
53	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> , 2019, 31, .	2.6	140
54	Toxicity and multigenerational effects of bisphenol S exposure to <i>Caenorhabditis elegans</i> on developmental, biochemical, reproductive and oxidative stress. <i>Toxicology Research</i> , 2019, 8, 630-640.	0.9	48

#	ARTICLE	IF	CITATIONS
55	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> , 2019, 230, 440-448.	4.2	21
56	Environmental DNA Shaping a New Era of Ecotoxicological Research. <i>Environmental Science & Technology</i> , 2019, 53, 5605-5612.	4.6	45
57	Directly imaging the structure–property correlation of perovskites in crystalline microwires. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13305-13314.	5.2	9
58	Molecular Initiating Events of Bisphenols on Androgen Receptor-Mediated Pathways Provide Guidelines for <i>in Silico</i> Screening and Design of Substitute Compounds. <i>Environmental Science and Technology Letters</i> , 2019, 6, 205-210.	3.9	19
59	Coastal ecosystem in East Asia: Pollution and management. <i>Environmental Pollution</i> , 2019, 251, 990-992.	3.7	0
60	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> , 2019, 26, 4952-4960.	2.7	18
61	Acid mine drainage affects the diversity and metal resistance gene profile of sediment bacterial community along a river. <i>Chemosphere</i> , 2019, 217, 790-799.	4.2	83
62	Omics Advances in Ecotoxicology. <i>Environmental Science & Technology</i> , 2018, 52, 3842-3851.	4.6	123
63	Adverse outcome pathway networks I: Development and applications. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1723-1733.	2.2	146
64	Adverse outcome pathway networks II: Network analytics. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1734-1748.	2.2	102
65	In situ microbiota distinguished primary anthropogenic stressor in freshwater sediments. <i>Environmental Pollution</i> , 2018, 239, 189-197.	3.7	19
66	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , 2018, 238, 739-748.	3.7	47
67	Use of prospective and retrospective risk assessment methods that simplify chemical mixtures associated with treated domestic wastewater discharges. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 690-702.	2.2	31
68	Functional genomics assessment of narcotic and specific acting chemical pollutants using <i>E. coli</i> . <i>Environmental Pollution</i> , 2018, 232, 146-153.	3.7	7
69	Sensitive community responses of microbiota to copper in sediment toxicity test. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 599-608.	2.2	23
70	A Reduced Transcriptome Approach to Assess Environmental Toxicants Using Zebrafish Embryo Test. <i>Environmental Science & Technology</i> , 2018, 52, 821-830.	4.6	44
71	A qPCR method to quantify bioavailable phosphorus using indigenous aquatic species. <i>Environmental Sciences Europe</i> , 2018, 30, 32.	2.6	6
72	Environmental DNA Metabarcoding Supporting Community Assessment of Environmental Stressors in a Field-Based Sediment Microcosm Study. <i>Environmental Science & Technology</i> , 2018, 52, 14469-14479.	4.6	30

#	ARTICLE	IF	CITATIONS
73	Down-Regulation of <i>hspb9</i> and <i>hspb11</i> Contributes to Wavy Notochord in Zebrafish Embryos Following Exposure to Polychlorinated Diphenylsulfides. <i>Environmental Science & Technology</i> , 2018, 52, 12829-12840.	4.6	7
74	Elevated CO2 accelerates polycyclic aromatic hydrocarbon accumulation in a paddy soil grown with rice. <i>PLoS ONE</i> , 2018, 13, e0196439.	1.1	4
75	Application of Environmental DNA Metabarcoding for Predicting Anthropogenic Pollution in Rivers. <i>Environmental Science & Technology</i> , 2018, 52, 11708-11719.	4.6	44
76	Non-Target and Suspect Screening of Per- and Polyfluoroalkyl Substances in Airborne Particulate Matter in China. <i>Environmental Science & Technology</i> , 2018, 52, 8205-8214.	4.6	133
77	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> , 2018, 645, 743-752.	3.9	29
78	Screening hundreds of emerging organic pollutants (EOPs) in surface water from the Yangtze River Delta (YRD): Occurrence, distribution, ecological risk. <i>Environmental Pollution</i> , 2018, 241, 484-493.	3.7	169
79	Copper Affects Composition and Functioning of Microbial Communities in Marine Biofilms at Environmentally Relevant Concentrations. <i>Frontiers in Microbiology</i> , 2018, 9, 3248.	1.5	30
80	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. <i>Chemosphere</i> , 2017, 168, 390-398.	4.2	20
81	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> , 2017, 113, 22-31.	5.3	39
82	Where less may be more: how the rare biosphere pulls ecosystems strings. <i>ISME Journal</i> , 2017, 11, 853-862.	4.4	857
83	Ecogenomics of Zooplankton Community Reveals Ecological Threshold of Ammonia Nitrogen. <i>Environmental Science & Technology</i> , 2017, 51, 3057-3064.	4.6	83
84	An in situ toxicity identification and evaluation water analysis system: Laboratory validation. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1636-1643.	2.2	2
85	Environmental risk assessment of polycyclic musks HHCB and AHTN in consumer product chemicals in China. <i>Science of the Total Environment</i> , 2017, 599-600, 771-779.	3.9	17
86	Advancing the adverse outcome pathway framework—An international horizon scanning approach. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1411-1421.	2.2	58
87	Searching for novel modes of toxic actions of oil spill using <i>E. coli</i> live cell array reporter system—A Hebei Spirit oil spill study. <i>Chemosphere</i> , 2017, 169, 669-677.	4.2	4
88	Environmental DNA metabarcoding reveals primary chemical contaminants in freshwater sediments from different land-use types. <i>Chemosphere</i> , 2017, 172, 201-209.	4.2	41
89	Ecogenomic responses of benthic communities under multiple stressors along the marine and adjacent riverine areas of northern Bohai Sea, China. <i>Chemosphere</i> , 2017, 172, 166-174.	4.2	31
90	Phthalate Esters on Hands of Office Workers: Estimating the Influence of Touching Surfaces. <i>Environmental Science and Technology Letters</i> , 2017, 4, 1-5.	3.9	15

#	ARTICLE	IF	CITATIONS
91	Extended Virtual Screening Strategies To Link Antiandrogenic Activities and Detected Organic Contaminants in Soils. <i>Environmental Science & Technology</i> , 2017, 51, 12528-12536.	4.6	16
92	Functional genomic assessment of 2, 2-bis (bromomethyl)-1, 3-propanediol induced cytotoxicity in a single-gene knockout library of <i>E. Coli</i> . <i>Chemosphere</i> , 2017, 185, 582-588.	4.2	4
93	Zooplankton Community Profiling in a Eutrophic Freshwater Ecosystem-Lake Tai Basin by DNA Metabarcoding. <i>Scientific Reports</i> , 2017, 7, 1773.	1.6	52
94	Qualitative and quantitative simulation of androgen receptor antagonists: A case study of polybrominated diphenyl ethers. <i>Science of the Total Environment</i> , 2017, 603-604, 495-501.	3.9	6
95	p53, MAPKAPK-2 and caspases regulate nickel oxide nanoparticles induce cell death and cytogenetic anomalies in rats. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 228-237.	3.6	26
96	Benchmarking Water Quality from Wastewater to Drinking Waters Using Reduced Transcriptome of Human Cells. <i>Environmental Science & Technology</i> , 2017, 51, 9318-9326.	4.6	45
97	Responses of earthworms and microbial communities in their guts to Triclosan. <i>Chemosphere</i> , 2017, 168, 1194-1202.	4.2	63
98	Elevated CO ₂ levels modify TiO ₂ nanoparticle effects on rice and soil microbial communities. <i>Science of the Total Environment</i> , 2017, 578, 408-416.	3.9	58
99	Detecting copper toxicity in sediments: from the subindividual level to the population level. <i>Journal of Applied Ecology</i> , 2017, 54, 1331-1342.	1.9	23
100	A high-throughput, computational system to predict if environmental contaminants can bind to human nuclear receptors. <i>Science of the Total Environment</i> , 2017, 576, 609-616.	3.9	18
101	Indigenous species barcode database improves the identification of zooplankton. <i>PLoS ONE</i> , 2017, 12, e0185697.	1.1	21
102	Relative sensitivities among avian species to individual and mixtures of aryl hydrocarbon receptor-“active compounds. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1239-1246.	2.2	1
103	Causes of endocrine disrupting potencies in surface water in East China. <i>Chemosphere</i> , 2016, 144, 1435-1442.	4.2	22
104	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 202-210.	2.9	14
105	Functional Toxicogenomic Assessment of Triclosan in Human HepG2 Cells Using Genome-Wide CRISPR-Cas9 Screening. <i>Environmental Science & Technology</i> , 2016, 50, 10682-10692.	4.6	45
106	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> , 2016, 6, 23963.	1.6	88
107	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> , 2016, 134, 124-132.	2.9	17
108	Effect-Directed Analysis of Aryl Hydrocarbon Receptor Agonists in Sediments from the Three Gorges Reservoir, China. <i>Environmental Science & Technology</i> , 2016, 50, 11319-11328.	4.6	30

#	ARTICLE	IF	CITATIONS
109	Identification of Thyroid Hormone Disruptors among HO-PBDEs: <i>In Vitro</i> Investigations and Coregulator Involved Simulations. <i>Environmental Science & Technology</i> , 2016, 50, 12429-12438.	4.6	37
110	Toxicogenomic Assessment of 6-OH-BDE47-Induced Developmental Toxicity in Chicken Embryos. <i>Environmental Science & Technology</i> , 2016, 50, 12493-12503.	4.6	17
111	Effects of captivity and artificial breeding on microbiota in feces of the red-crowned crane (<i>Grus</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 1.6 63	1.6	63
112	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. <i>Chemosphere</i> , 2016, 144, 1754-1762.	4.2	18
113	Identification of androgen receptor antagonists: <i>In Vitro</i> investigation and classification methodology for flavonoid. <i>Chemosphere</i> , 2016, 158, 72-79.	4.2	8
114	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> , 2016, 23, 10406-10414.	2.7	22
115	Using in situ bacterial communities to monitor contaminants in river sediments. <i>Environmental Pollution</i> , 2016, 212, 348-357.	3.7	89
116	Bioavailability-based assessment of aryl hydrocarbon receptor-mediated activity in Lake Tai Basin from Eastern China. <i>Science of the Total Environment</i> , 2016, 544, 987-994.	3.9	21
117	Classification and toxicity mechanisms of novel flame retardants (NFRs) based on whole genome expression profiling. <i>Chemosphere</i> , 2016, 144, 2150-2157.	4.2	15
118	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> , 2015, 34, 2523-2532.	2.2	15
119	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> , 2015, 22, 17434-17442.	2.7	26
120	Future water quality monitoring "Adapting tools to deal with mixtures of pollutants in water resource management. <i>Science of the Total Environment</i> , 2015, 512-513, 540-551.	3.9	243
121	Bioassay-directed identification of organic toxicants in water and sediment of Tai Lake, China. <i>Water Research</i> , 2015, 73, 231-241.	5.3	35
122	Residues of organophosphorus insecticides in sediment around a highly eutrophic lake, Eastern China. <i>Journal of Soils and Sediments</i> , 2015, 15, 436-444.	1.5	11
123	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 & Technology</i> , 2015, 49, 1823-1833.	4.6	72
124	Short-term exposure of arsenite disrupted thyroid endocrine system and altered gene transcription in the HPT axis in zebrafish. <i>Environmental Pollution</i> , 2015, 205, 145-152.	3.7	28
125	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> , 2015, 503-504, 22-31.	3.9	163
126	Maternal transfer, distribution, and metabolism of BDE-47 and its related hydroxylated, methoxylated analogs in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2015, 120, 31-36.	4.2	29

#	ARTICLE	IF	CITATIONS
127	Effects of multigenerational exposures of <i>D. magna</i> to environmentally relevant concentrations of pentachlorophenol. <i>Environmental Science and Pollution Research</i> , 2014, 21, 234-243.	2.7	20
128	Water quality guidelines for chemicals: learning lessons to deliver meaningful environmental metrics. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6-16.	2.7	28
129	A comparison of statistical methods for deriving freshwater quality criteria for the protection of aquatic organisms. <i>Environmental Science and Pollution Research</i> , 2014, 21, 159-167.	2.7	27
130	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> , 2014, 21, 1480-1488.	2.7	16
131	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> , 2014, 21, 2898-2906.	2.7	42
132	Heavy metals in seawater, sediments, and biota from the coastal area of Yancheng City, China. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1697-1704.	2.2	22
133	Species-specific considerations in using the fish embryo test as an alternative to identify endocrine disruption. <i>Aquatic Toxicology</i> , 2014, 155, 62-72.	1.9	29
134	Occurrence of additive brominated flame retardants in aquatic organisms from Tai Lake and Yangtze River in Eastern China, 2009–2012. <i>Chemosphere</i> , 2014, 114, 340-346.	4.2	38
135	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 & Technology</i> , 2014, 48, 5929-5937.	4.6	40
136	Activation of Avian Aryl Hydrocarbon Receptor and Inter-species Sensitivity Variations by Polychlorinated Diphenylsulfides. <i>Environmental Science & Technology</i> , 2014, 48, 10948-10956.	4.6	20
137	Benchmarking Organic Micropollutants in Wastewater, Recycled Water and Drinking Water with In Vitro Bioassays. <i>Environmental Science & Technology</i> , 2014, 48, 1940-1956.	4.6	367
138	Occurrence of organophosphate flame retardants in drinking water from China. <i>Water Research</i> , 2014, 54, 53-61.	5.3	249
139	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.	1.9	48
140	Signal transduction disturbance related to hepatocarcinogenesis in mouse by prolonged exposure to Nanjing drinking water. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6468-6481.	2.7	3
141	Zebrafish embryos/larvae for rapid determination of effects on hypothalamic-pituitary-thyroid (HPT) and hypothalamic-pituitary-interrenal (HPI) axis: mRNA expression. <i>Chemosphere</i> , 2013, 93, 2327-2332.	4.2	23
142	Risk and toxicity assessments of heavy metals in sediments and fishes from the Yangtze River and Taihu Lake, China. <i>Chemosphere</i> , 2013, 93, 1887-1895.	4.2	172
143	Differential reconstructed gene interaction networks for deriving toxicity threshold in chemical risk assessment. <i>BMC Bioinformatics</i> , 2013, 14, S3.	1.2	9
144	Effects of HO-/MeO-PBDEs on Androgen Receptor: In Vitro Investigation and Helix 12-Involved MD Simulation. <i>Environmental Science & Technology</i> , 2013, 47, 11802-11809.	4.6	34

#	ARTICLE	IF	CITATIONS
145	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.	1.9	125
146	Mechanisms of toxicity of triphenyltin chloride (TPTC) determined by a live cell reporter array. <i>Environmental Science and Pollution Research</i> , 2013, 20, 803-811.	2.7	16
147	Solution by dilution?â€”A review on the pollution status of the Yangtze River. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6934-6971.	2.7	108
148	Occurrence of Perfluoroalkyl Acids Including Perfluorooctane Sulfonate Isomers in Huai River Basin and Taihu Lake in Jiangsu Province, China. <i>Environmental Science & Technology</i> , 2013, 47, 710-717.	4.6	82
149	Occurrence and Potential Causes of Androgenic Activities in Source and Drinking Water in China. <i>Environmental Science & Technology</i> , 2013, 47, 130828135947000.	4.6	17
150	Relative Potencies of Aroclor Mixtures Derived from Avian in Vitro Bioassays: Comparisons with Calculated Toxic Equivalents. <i>Environmental Science & Technology</i> , 2013, 47, 130717130452005.	4.6	6
151	3D-QSAR and Molecular Docking Studies on Benzotriazoles as Antiproliferative Agents and Histone Deacetylase Inhibitors. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2387-2393.	1.0	8
152	Toxicology of Water. <i>Exs</i> , 2012, 101, 21-46.	1.4	0
153	Biological analysis of endocrine-disrupting chemicals in animal meats from the Pearl River Delta, China. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 93-100.	1.8	6
154	Occurrence of Thyroid Hormone Activities in Drinking Water from Eastern China: Contributions of Phthalate Esters. <i>Environmental Science & Technology</i> , 2012, 46, 1811-1818.	4.6	97
155	Dioxin-like Potency of HO- and MeO- Analogues of PBDEsâ€™™ the Potential Risk through Consumption of Fish from Eastern China. <i>Environmental Science & Technology</i> , 2012, 46, 10781-10788.	4.6	50
156	Toxicogenomic Mechanisms of 6-HO-BDE-47, 6-MeO-BDE-47, and BDE-47 in <i>E. coli</i> . <i>Environmental Science & Technology</i> , 2012, 46, 1185-1191.	4.6	39
157	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.	1.9	104
158	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.	1.9	20
159	Thyroid hormone disrupting activities associated with phthalate esters in water sources from Yangtze River Delta. <i>Environment International</i> , 2012, 42, 117-123.	4.8	58
160	Dietary intake of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) from fish and meat by residents of Nanjing, China. <i>Environment International</i> , 2012, 42, 138-143.	4.8	56
161	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- <i>p</i> - <i>dioxin</i> , 2,3,7,8-tetrachlorodibenzofuran, and 2,3,4,7,8-pentachlorodibenzofuran. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2545-2556.	2.2	3
162	Probabilistic ecological risk assessment for three chlorophenols in surface waters of China. <i>Journal of Environmental Sciences</i> , 2012, 24, 329-334.	3.2	18

#	ARTICLE	IF	CITATIONS
163	Endocrine disruption effects of 2,2,4,4,6-pentabromodiphenylether (BDE100) in reporter gene assays. <i>Journal of Environmental Monitoring</i> , 2011, 13, 850.	2.1	19
164	Effect of Ozonation on the Estrogenicity and Androgenicity of Oil Sands Process-Affected Water. <i>Environmental Science & Technology</i> , 2011, 45, 6268-6274.	4.6	77
165	Biochemical responses and DNA damage in red sea bream from coastal Fujian Province, China. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1526-1535.	2.9	7
166	Effect of perinatal and postnatal bisphenol A exposure to the regulatory circuits at the hypothalamus-pituitary-gonadal axis of CD-1 mice. <i>Reproductive Toxicology</i> , 2011, 31, 409-417.	1.3	189
167	Polybrominated diphenyl ethers and their hydroxylated/methoxylated analogs: Environmental sources, metabolic relationships, and relative toxicities. <i>Marine Pollution Bulletin</i> , 2011, 63, 179-188.	2.3	169
168	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> , 2011, 63, 287-296.	2.3	37
169	Endocrine effects of methoxylated brominated diphenyl ethers in three in vitro models. <i>Marine Pollution Bulletin</i> , 2011, 62, 2356-2361.	2.3	32
170	Bioanalytical and instrumental analysis of thyroid hormone disrupting compounds in water sources along the Yangtze River. <i>Environmental Pollution</i> , 2011, 159, 441-448.	3.7	30
171	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, 769-775.	4.6	113
172	Assessing the Toxicity of Naphthenic Acids Using a Microbial Genome Wide Live Cell Reporter Array System. <i>Environmental Science & Technology</i> , 2011, 45, 1984-1991.	4.6	56
173	Identification of trace organic pollutants in freshwater sources in Eastern China and estimation of their associated human health risks. <i>Ecotoxicology</i> , 2011, 20, 1099-1106.	1.1	66
174	Predicting chemical impacts on vertebrate endocrine systems. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 39-51.	2.2	44
175	Effects of subchronic exposure of early life stages of white sturgeon (<i>Acipenser</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 2497-2505.	2.2	26
176	Effects of Endosulfan on the growth and reproduction of zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2525-2531.	2.2	41
177	Modulation of estrogen synthesis through activation of protein kinase A in H295R cells by extracts of estuary sediments. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2793-2801.	2.2	5
178	Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP. <i>Toxicology</i> , 2011, 282, 146-153.	2.0	33
179	Bisphenol A Disrupts Steroidogenesis in Human H295R Cells. <i>Toxicological Sciences</i> , 2011, 121, 320-327.	1.4	114
180	Assessment of chemical effects on aromatase activity using the H295R cell line. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1137-1148.	2.7	57

#	ARTICLE	IF	CITATIONS
181	A combined hydraulic and toxicological approach to assess re-suspended sediments during simulated flood events. Part I—multiple biomarkers in rainbow trout. <i>Journal of Soils and Sediments</i> , 2010, 10, 1347-1361.	1.5	50
182	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.	1.3	38
183	Effects of sulfathiazole, oxytetracycline and chlortetracycline on steroidogenesis in the human adenocarcinoma (H295R) cell line and freshwater fish <i>Oryzias latipes</i> . <i>Journal of Hazardous Materials</i> , 2010, 182, 494-502.	6.5	60
184	Simultaneous quantification of multiple classes of phenolic compounds in blood plasma by liquid chromatography—electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 506-513.	1.8	94
185	Interconversion of Hydroxylated and Methoxylated Polybrominated Diphenyl Ethers in Japanese Medaka. <i>Environmental Science & Technology</i> , 2010, 44, 8729-8735.	4.6	98
186	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Science & Technology</i> , 2010, 44, 8729-8735.	1.9	234
187	Ozonation attenuates the steroidogenic disruptive effects of sediment free oil sands process water in the H295R cell line. <i>Chemosphere</i> , 2010, 80, 578-584.	4.2	74
188	Classification of Chemicals Based on Concentration-Dependent Toxicological Data Using ToxClust. <i>Environmental Science & Technology</i> , 2009, 43, 3926-3932.	4.6	13
189	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> , 2009, 234, 306-313.	1.3	8
190	Hepatic P450 Enzyme Activity, Tissue Morphology and Histology of Mink (<i>Mustela vison</i>) Exposed to Polychlorinated Dibenzofurans. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 416-425.	2.1	6
191	Advanced fluorescence in situ hybridization to localize and quantify gene expression in Japanese medaka (<i>Oryzias latipes</i>) exposed to endocrine-disrupting compounds. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1951-1962.	2.2	17
192	Origin of Hydroxylated Brominated Diphenyl Ethers: Natural Compounds or Man-Made Flame Retardants?. <i>Environmental Science & Technology</i> , 2009, 43, 7536-7542.	4.6	209
193	In situ hybridization to detect spatial gene expression in medaka. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1257-1264.	2.9	10
194	Modulation of steroidogenesis by coastal waters and sewage effluents of Hong Kong, China, using the H295R assay. <i>Environmental Science and Pollution Research</i> , 2008, 15, 332-343.	2.7	39
195	Time-Dependent transcriptional profiles of genes of the hypothalamic-pituitary-gonadal axis in medaka (<i>Oryzias latipes</i>) exposed to fadrozole and 17 β -trenbolone. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2504-2511.	2.2	47
196	Fluorescence in situ hybridization techniques (FISH) to detect changes in CYP19a gene expression of Japanese medaka (<i>Oryzias latipes</i>). <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 226-235.	1.3	26
197	Real-time PCR array to study effects of chemicals on the Hypothalamic-Pituitary-Gonadal axis of the Japanese medaka. <i>Aquatic Toxicology</i> , 2008, 88, 173-182.	1.9	124
198	Responses of the Medaka HPG Axis PCR Array and Reproduction to Prochloraz and Ketoconazole. <i>Environmental Science & Technology</i> , 2008, 42, 6762-6769.	4.6	82

#	ARTICLE	IF	CITATIONS
199	Modulation of steroidogenic gene expression and hormone production of H295R cells by pharmaceuticals and other environmentally active compounds. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 142-153.	1.3	57
200	Effects of PCBs and MeSO ₂ -PCBs on adrenocortical steroidogenesis in H295R human adrenocortical carcinoma cells. <i>Chemosphere</i> , 2006, 63, 772-784.	4.2	54
201	The H295R system for evaluation of endocrine-disrupting effects. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 293-305.	2.9	86
202	Risks posed by trace organic contaminants in coastal sediments in the Pearl River Delta, China. <i>Marine Pollution Bulletin</i> , 2005, 50, 1036-1049.	2.3	67
203	Organochlorines and dioxin-like compounds in green-lipped mussels <i>Perna viridis</i> from Hong Kong mariculture zones. <i>Marine Pollution Bulletin</i> , 2005, 51, 677-687.	2.3	27
204	Quantitative RT-PCR Methods for Evaluating Toxicant-Induced Effects on Steroidogenesis Using the H295R Cell Line. <i>Environmental Science & Technology</i> , 2005, 39, 2777-2785.	4.6	96
205	Assessment of the Effects of Chemicals on the Expression of Ten Steroidogenic Genes in the H295R Cell Line Using Real-Time PCR. <i>Toxicological Sciences</i> , 2004, 81, 78-89.	1.4	159
206	Production of reactive oxygen species and 8-hydroxy-2'-deoxyguanosine in KB cells co-exposed to benzo[a]pyrene and UV-A radiation. <i>Chemosphere</i> , 2004, 55, 1303-1308.	4.2	43