

# Charles R Tyler

## List of Publications by Year in descending order

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Version: 2024-02-01

202  
papers

19,240  
citations

10986

71  
h-index

12272

133  
g-index

205  
all docs

205  
docs citations

205  
times ranked

16773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estrogens regulate early embryonic development of the olfactory sensory system via estrogen-responsive glia. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	3
2	Improving zebrafish laboratory welfare and scientific research through understanding their natural history. <i>Biological Reviews</i> , 2022, 97, 1038-1056.	10.4	19
3	Co-exposure of zinc oxide nanoparticles and multi-layer graphenes in blackfish ( <i>Capoeta fusca</i> ): evaluation of lethal, behavioural, and histopathological effects. <i>Ecotoxicology</i> , 2022, 31, 425.	2.4	6
4	Harmful Algal Blooms and their impacts on shellfish mariculture follow regionally distinct patterns of water circulation in the western English Channel during the 2018 heatwave. <i>Harmful Algae</i> , 2022, 111, 102166.	4.8	7
5	Application of Transgenic Zebrafish Models for Studying the Effects of Estrogenic Endocrine Disrupting Chemicals on Embryonic Brain Development. <i>Frontiers in Pharmacology</i> , 2022, 13, 718072.	3.5	3
6	Quantifying habitat provisioning at macroalgal cultivation sites. <i>Reviews in Aquaculture</i> , 2022, 14, 1671-1694.	9.0	13
7	Are synthetic glucocorticoids in the aquatic environment a risk to fish?. <i>Environment International</i> , 2022, 162, 107163.	10.0	16
8	Feminizing effects of ethinylestradiol in roach ( <i>Rutilus rutilus</i> ) populations with different estrogenic pollution exposure histories. <i>Aquatic Toxicology</i> , 2022, 249, 106229.	4.0	4
9	How do abiotic environmental conditions influence shrimp susceptibility to disease? A critical analysis focussed on White Spot Disease. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107369.	3.2	41
10	Probiotics and competitive exclusion of pathogens in shrimp aquaculture. <i>Reviews in Aquaculture</i> , 2021, 13, 324-352.	9.0	74
11	Neutrophil activation by nanomaterials in vitro: comparing strengths and limitations of primary human cells with those of an immortalized (HL-60) cell line. <i>Nanotoxicology</i> , 2021, 15, 1-20.	3.0	19
12	Production without medicalisation: Risk practices and disease in Bangladesh aquaculture. <i>Geographical Journal</i> , 2021, 187, 39-50.	3.1	14
13	Antioxidant properties of dietary supplements of free and nanoencapsulated silymarin and their ameliorative effects on silver nanoparticles induced oxidative stress in Nile tilapia ( <i>Oreochromis</i> Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	14
14	Effects of maternal exposure to environmentally relevant concentrations of 17 $\beta$ -ethinyloestradiol in a live bearing freshwater fish, <i>Xenotoca eiseni</i> (Cyprinodontiformes, Goodeidae). <i>Aquatic Toxicology</i> , 2021, 232, 105746.	4.0	0
15	Global variation in freshwater physicochemistry and its influence on chemical toxicity in aquatic wildlife. <i>Biological Reviews</i> , 2021, 96, 1528-1546.	10.4	25
16	Functional brain imaging in larval zebrafish for characterising the effects of seizurogenic compounds acting via a range of pharmacological mechanisms. <i>British Journal of Pharmacology</i> , 2021, 178, 2671-2689.	5.4	16
17	Seasonal variation in oestrogenic potency and biological effects of wastewater treatment works effluents assessed using ERE-GFP transgenic zebrafish embryo-larvae. <i>Aquatic Toxicology</i> , 2021, 237, 105864.	4.0	6
18	Impacts of land use on water quality and the viability of bivalve shellfish mariculture in the UK: A case study and review for SW England. <i>Environmental Science and Policy</i> , 2021, 126, 122-131.	4.9	19

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19	Characterization of G protein-coupled estrogen receptors in Japanese medaka, <i>Oryzias latipes</i> . <i>Journal of Applied Toxicology</i> , 2021, 41, 1390-1399.	2.8	3
20	Evaluating antimicrobial resistance in the global shrimp industry. <i>Reviews in Aquaculture</i> , 2020, 12, 966-986.	9.0	132
21	Development and Application of a Microplate Assay for Toxicity Testing on Aquatic Cyanobacteria. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 705-720.	4.3	2
22	Geographic Range and Natural Distribution. , 2020, , 41-56.		3
23	Stakeholder perspectives on the importance of water quality and other constraints for sustainable mariculture. <i>Environmental Science and Policy</i> , 2020, 114, 506-518.	4.9	20
24	Expression dynamics of genes in the hypothalamic-pituitary-thyroid (HPT) cascade and their responses to 3,3,5-triiodo-L-thyronine (T3) highlights potential vulnerability to thyroid-disrupting chemicals in zebrafish ( <i>Danio rerio</i> ) embryo-larvae. <i>Aquatic Toxicology</i> , 2020, 225, 105547.	4.0	18
25	Environment and food web structure interact to alter the trophic magnification of persistent chemicals across river ecosystems. <i>Science of the Total Environment</i> , 2020, 717, 137271.	8.0	15
26	A newly developed genetic sex marker and its application to understanding chemically induced feminisation in roach ( <i>Rutilus rutilus</i> ). <i>Molecular Ecology Resources</i> , 2020, 20, 1007-1022.	4.8	6
27	A laboratory investigation into features of morphology and physiology for their potential to predict reproductive success in male frogs. <i>PLoS ONE</i> , 2020, 15, e0241625.	2.5	5
28	Investigation into Adaptation in Genes Associated with Response to Estrogenic Pollution in Populations of Roach ( <i>Rutilus rutilus</i> ) Living in English Rivers. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15935-15945.	10.0	3
29	Effects of environmental enrichment on survivorship, growth, sex ratio and behaviour in laboratory maintained zebrafish <i>Danio rerio</i> . <i>Journal of Fish Biology</i> , 2019, 94, 86-95.	1.6	36
30	Microplastic ingestion by riverine macroinvertebrates. <i>Science of the Total Environment</i> , 2019, 646, 68-74.	8.0	293
31	Persistent contaminants as potential constraints on the recovery of urban river food webs from gross pollution. <i>Water Research</i> , 2019, 163, 114858.	11.3	35
32	New insights into organ-specific oxidative stress mechanisms using a novel biosensor zebrafish. <i>Environment International</i> , 2019, 133, 105138.	10.0	23
33	Biological Traits and the Transfer of Persistent Organic Pollutants through River Food Webs. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13246-13256.	10.0	21
34	The Pathobiome in Animal and Plant Diseases. <i>Trends in Ecology and Evolution</i> , 2019, 34, 996-1008.	8.7	208
35	Variability in cyanobacteria sensitivity to antibiotics and implications for environmental risk assessment. <i>Science of the Total Environment</i> , 2019, 695, 133804.	8.0	20
36	A catchment-scale perspective of plastic pollution. <i>Global Change Biology</i> , 2019, 25, 1207-1221.	9.5	260

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37	Molecular mechanisms and tissue targets of brominated flame retardants, BDE-47 and TBBPA, in embryo-larval life stages of zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2019, 209, 99-112.	4.0	50
38	A mini review of bisphenol A (BPA) effects on cancer-related cellular signaling pathways. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8459-8467.	5.3	56
39	Pharmacology beyond the patient – The environmental risks of human drugs. <i>Environment International</i> , 2019, 129, 320-332.	10.0	101
40	The fate of cerium oxide nanoparticles in sediments and their routes of uptake in a freshwater worm. <i>Nanotoxicology</i> , 2019, 13, 894-908.	3.0	11
41	A restatement of the natural science evidence base on the effects of endocrine disrupting chemicals on wildlife. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182416.	2.6	37
42	Evolution of non-kin cooperation: social assortment by cooperative phenotype in guppies. <i>Royal Society Open Science</i> , 2019, 6, 181493.	2.4	30
43	Ontogeny and Dynamics of the Gonadal Development, Embryogenesis, and Gestation in <i>Xenotoca eiseni</i> (Cyprinodontiformes, Goodeidae). <i>Sexual Development</i> , 2019, 13, 297-310.	2.0	3
44	Raising awareness of antimicrobial resistance in rural aquaculture practice in Bangladesh through digital communications: a pilot study. <i>Global Health Action</i> , 2019, 12, 1734735.	1.9	19
45	Capturing ecology in modeling approaches applied to environmental risk assessment of endocrine active chemicals in fish. <i>Critical Reviews in Toxicology</i> , 2018, 48, 109-120.	3.9	4
46	Effects of neonicotinoid exposure on molecular and physiological indicators of honey bee immunocompetence. <i>Apidologie</i> , 2018, 49, 196-208.	2.0	11
47	Adoption of <i>in vitro</i> systems and zebrafish embryos as alternative models for reducing rodent use in assessments of immunological and oxidative stress responses to nanomaterials. <i>Critical Reviews in Toxicology</i> , 2018, 48, 252-271.	3.9	46
48	Concentrating mixtures of neuroactive pharmaceuticals and altered neurotransmitter levels in the brain of fish exposed to a wastewater effluent. <i>Science of the Total Environment</i> , 2018, 621, 782-790.	8.0	46
49	Endocrine disruption in aquatic systems: upscaling research to address ecological consequences. <i>Biological Reviews</i> , 2018, 93, 626-641.	10.4	93
50	Fipronil pesticide as a suspect in historical mass mortalities of honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13033-13038.	7.1	60
51	Assessing population impacts of toxicant-induced disruption of breeding behaviours using an individual-based model for the three-spined stickleback. <i>Ecological Modelling</i> , 2018, 387, 107-117.	2.5	10
52	ECOdrug: a database connecting drugs and conservation of their targets across species. <i>Nucleic Acids Research</i> , 2018, 46, D930-D936.	14.5	56
53	Estrogenic Mechanisms and Cardiac Responses Following Early Life Exposure to Bisphenol A (BPA) and Its Metabolite 4-Methyl-2,4-bis( <i>p</i> -hydroxyphenyl)pent-1-ene (MBP) in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6656-6665.	10.0	45
54	Functional distinctions associated with the diversity of sex steroid hormone receptors ESR and AR. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 184, 38-46.	2.5	48

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55	Hepatic transcriptional responses to copper in the three-spined stickleback are affected by their pollution exposure history. <i>Aquatic Toxicology</i> , 2017, 184, 26-36.	4.0	12
56	Bioavailability and Kidney Responses to Diclofenac in the Fathead Minnow ( <i>Pimephales</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 702 Td	10.0	46
57	Development of a common carp ( <i>Cyprinus carpio</i> ) pregnane X receptor (cPXR) transactivation reporter assay and its activation byazole fungicides and pharmaceutical chemicals. <i>Toxicology in Vitro</i> , 2017, 41, 114-122.	2.4	13
58	The Evolution of Cooperation: Interacting Phenotypes among Social Partners. <i>American Naturalist</i> , 2017, 189, 630-643.	2.1	27
59	Adaptive capabilities and fitness consequences associated with pollution exposure in fish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160042.	4.0	63
60	Disruption of the Prostaglandin Metabolome and Characterization of the Pharmaceutical Exposome in Fish Exposed to Wastewater Treatment Works Effluent As Revealed by Nanoflow-Nanospray Mass Spectrometry-Based Metabolomics. <i>Environmental Science &amp; Technology</i> , 2017, 51, 616-624.	10.0	46
61	Integrating human and environmental health in antibiotic risk assessment: A critical analysis of protection goals, species sensitivity and antimicrobial resistance. <i>Environment International</i> , 2017, 109, 155-169.	10.0	163
62	Acute Toxicity, Teratogenic, and Estrogenic Effects of Bisphenol A and Its Alternative Replacements Bisphenol S, Bisphenol F, and Bisphenol AF in Zebrafish Embryo-Larvae. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12796-12805.	10.0	344
63	Ecotoxicological assessment of nanoparticle-containing acrylic copolymer dispersions in fairy shrimp and zebrafish embryos. <i>Environmental Science: Nano</i> , 2017, 4, 1981-1997.	4.3	15
64	4-dimensional functional profiling in the convulsant-treated larval zebrafish brain. <i>Scientific Reports</i> , 2017, 7, 6581.	3.3	39
65	Establishment of estrogen receptor 1 (ESR1) knockout medaka: <i>ESR1</i> is dispensable for sexual development and reproduction in medaka, <i>Oryzias latipes</i> . <i>Development Growth and Differentiation</i> , 2017, 59, 552-561.	1.5	32
66	Shipbuilding Docks as Experimental Systems for Realistic Assessments of Anthropogenic Stressors on Marine Organisms. <i>BioScience</i> , 2017, 67, 853-859.	4.9	2
67	Interactive effects of pesticide exposure and pathogen infection on bee health – A critical analysis. <i>Biological Reviews</i> , 2016, 91, 1006-1019.	10.4	62
68	High-Content and Semi-Automated Quantification of Responses to Estrogenic Chemicals Using a Novel Translucent Transgenic Zebrafish. <i>Environmental Science &amp; Technology</i> , 2016, 50, 6536-6545.	10.0	17
69	Evolution of estrogen receptors in ray-finned fish and their comparative responses to estrogenic substances. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 189-197.	2.5	18
70	Sensory systems and ionocytes are targets for silver nanoparticle effects in fish. <i>Nanotoxicology</i> , 2016, 10, 1276-1286.	3.0	26
71	Population-level consequences for wild fish exposed to sublethal concentrations of chemicals – a critical review. <i>Fish and Fisheries</i> , 2016, 17, 545-566.	5.3	119
72	Cerium oxide nanoparticles induce oxidative stress in the sediment-dwelling amphipod <i>Corophium volutator</i> . <i>Nanotoxicology</i> , 2016, 10, 480-487.	3.0	27

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73	A tiered assessment strategy for more effective evaluation of bioaccumulation of chemicals in fish. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 75, 20-26.	2.7	19
74	Do stressful conditions make adaptation difficult? Guppies in the oil-polluted environments of southern Trinidad. <i>Evolutionary Applications</i> , 2015, 8, 854-870.	3.1	39
75	Environmental chemicals active as human antiandrogens do not activate a stickleback androgen receptor but enhance a feminising effect of oestrogen in roach. <i>Aquatic Toxicology</i> , 2015, 168, 48-59.	4.0	25
76	Characterization of <i>Oryzias latipes</i> glucocorticoid receptors and their unique response to progestins. <i>Journal of Applied Toxicology</i> , 2015, 35, 302-309.	2.8	13
77	Ecotoxicology of Nanomaterials in Aquatic Systems. <i>Frontiers of Nanoscience</i> , 2015, 8, 3-45.	0.6	9
78	Lou Guillette: Scientist and communicator par excellence. <i>Molecular Reproduction and Development</i> , 2015, 82, Fmi-Fmv.	2.0	0
79	Apparent underdiagnosis of Cerebrotendinous Xanthomatosis revealed by analysis of ~60,000 human exomes. <i>Molecular Genetics and Metabolism</i> , 2015, 116, 298-304.	1.1	79
80	Effects of the lipid regulating drug clofibrac acid on PPAR $\alpha$ -regulated gene transcript levels in common carp ( <i>Cyprinus carpio</i> ) at pharmacological and environmental exposure levels. <i>Aquatic Toxicology</i> , 2015, 161, 127-137.	4.0	37
81	Understanding the Molecular Basis for Differences in Responses of Fish Estrogen Receptor Subtypes to Environmental Estrogens. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7439-7447.	10.0	53
82	Tracing engineered nanomaterials in biological tissues using coherent anti-Stokes Raman scattering (CARS) microscopy – A critical review. <i>Nanotoxicology</i> , 2015, 9, 928-939.	3.0	21
83	Climate change and pollution speed declines in zebrafish populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1237-46.	7.1	79
84	Effects of Exposure to WwTW Effluents over Two Generations on Sexual Development and Breeding in Roach <i>Rutilus rutilus</i> . <i>Environmental Science &amp; Technology</i> , 2015, 49, 12994-13002.	10.0	11
85	Transgenic fish systems and their application in ecotoxicology. <i>Critical Reviews in Toxicology</i> , 2015, 45, 124-141.	3.9	48
86	Do hormone-modulating chemicals impact on reproduction and development of wild amphibians?. <i>Biological Reviews</i> , 2015, 90, 1100-1117.	10.4	88
87	The <i>vas:egfp</i> transgenic zebrafish: A practical model for studies on the molecular mechanisms by which environmental estrogens affect gonadal sex differentiation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 602-605.	4.3	10
88	Populations of a cyprinid fish are self-sustaining despite widespread feminization of males. <i>BMC Biology</i> , 2014, 12, 1.	3.8	199
89	Uptake and Retention of Microplastics by the Shore Crab <i>Carcinus maenas</i> . <i>Environmental Science &amp; Technology</i> , 2014, 48, 8823-8830.	10.0	563
90	A new approach for plasma (xeno)metabolomics based on solid-phase extraction and nanoflow liquid chromatography-nanoelectrospray ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1365, 72-85.	3.7	63

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91	Differing Species Responsiveness of Estrogenic Contaminants in Fish Is Conferred by the Ligand Binding Domain of the Estrogen Receptor. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5254-5263.	10.0	77
92	Bioavailability of the imidazole antifungal agent clotrimazole and its effects on key biotransformation genes in the common carp ( <i>Cyprinus carpio</i> ). <i>Aquatic Toxicology</i> , 2014, 152, 57-65.	4.0	35
93	Developmental impairment in eurasian dipper nestlings exposed to urban stream pollutants. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1315-1323.	4.3	30
94	Population relevance of toxicant mediated changes in sex ratio in fish: An assessment using an individual-based zebrafish ( <i>Danio rerio</i> ) model. <i>Ecological Modelling</i> , 2014, 280, 76-88.	2.5	39
95	Effects of intracerebroventricular administered fluoxetine on cardio-ventilatory functions in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>General and Comparative Endocrinology</i> , 2014, 205, 176-184.	1.8	9
96	Aeration Study Optimization at the Deer Island Treatment Plant for the Greater Metropolitan Area of Boston, Massachusetts. <i>Proceedings of the Water Environment Federation</i> , 2014, 2014, 6625-6644.	0.0	0
97	Cloning, expression and functional characterization of carp, <i>Cyprinus carpio</i> , estrogen receptors and their differential activations by estrogens. <i>Journal of Applied Toxicology</i> , 2013, 33, 41-49.	2.8	22
98	Eurasian Dipper Eggs Indicate Elevated Organohalogenated Contaminants in Urban Rivers. <i>Environmental Science &amp; Technology</i> , 2013, 47, 130717151648003.	10.0	13
99	Effects of particle size and coating on nanoscale Ag and TiO <sub>2</sub> exposure in zebrafish ( <i>Danio rerio</i> ) embryos. <i>Nanotoxicology</i> , 2013, 7, 1315-1324.	3.0	98
100	Impact of environmental estrogens on Yfish considering the diversity of estrogen signaling. <i>General and Comparative Endocrinology</i> , 2013, 191, 190-201.	1.8	61
101	Molecular Mechanisms of Toxicity of Silver Nanoparticles in Zebrafish Embryos. <i>Environmental Science &amp; Technology</i> , 2013, 47, 8005-8014.	10.0	198
102	Development of methods to detect occurrence and effects of endocrine-disrupting chemicals: Fueling a fundamental shift in regulatory ecotoxicology. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2661-2662.	4.3	4
103	Biosensor Zebrafish Provide New Insights into Potential Health Effects of Environmental Estrogens. <i>Environmental Health Perspectives</i> , 2012, 120, 990-996.	6.0	60
104	The Xenometabolome and Novel Contaminant Markers in Fish Exposed to a Wastewater Treatment Works Effluent. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9080-9088.	10.0	57
105	Effects of Pharmaceuticals on the Expression of Genes Involved in Detoxification in a Carp Primary Hepatocyte Model. <i>Environmental Science &amp; Technology</i> , 2012, 46, 6306-6314.	10.0	36
106	Differential sensitivity of honey bees and bumble bees to a dietary insecticide (imidacloprid). <i>Zoology</i> , 2012, 115, 365-371.	1.2	128
107	Sequestration of Zinc from Zinc Oxide Nanoparticles and Life Cycle Effects in the Sediment Dweller Amphipod <i>Corophium volutator</i> . <i>Environmental Science &amp; Technology</i> , 2012, 46, 1128-1135.	10.0	71
108	Comparative Breeding and Behavioral Responses to Ethinylestradiol Exposure in Wild and Laboratory Maintained Zebrafish ( <i>Danio rerio</i> ) Populations. <i>Environmental Science &amp; Technology</i> , 2012, 46, 11377-11383.	10.0	31

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109	Tracing Bioavailability of ZnO Nanoparticles Using Stable Isotope Labeling. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12137-12145.	10.0	71
110	Comparative responsiveness to natural and synthetic estrogens of fish species commonly used in the laboratory and field monitoring. <i>Aquatic Toxicology</i> , 2012, 109, 250-258.	4.0	88
111	Development of a transient expression assay for detecting environmental oestrogens in zebrafish and medaka embryos. <i>BMC Biotechnology</i> , 2012, 12, 32.	3.3	24
112	Environmental Estrogen-Induced Alterations of Male Aggression and Dominance Hierarchies in Fish: A Mechanistic Analysis. <i>Environmental Science &amp; Technology</i> , 2012, 46, 3472-3479.	10.0	56
113	Endocrine disrupting chemicals and sexual behaviors in fish – a critical review on effects and possible consequences. <i>Critical Reviews in Toxicology</i> , 2012, 42, 653-668.	3.9	193
114	Density-Dependent Processes in the Life History of Fishes: Evidence from Laboratory Populations of Zebrafish <i>Danio rerio</i> . <i>PLoS ONE</i> , 2012, 7, e37550.	2.5	48
115	Characterization of cerium oxide nanoparticles – Part 1: Size measurements. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 983-993.	4.3	72
116	Characterization of cerium oxide nanoparticles – Part 2: Nonsize measurements. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 994-1003.	4.3	58
117	Interspecies comparisons on the uptake and toxicity of silver and cerium dioxide nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 144-154.	4.3	154
118	Implications of Persistent Exposure to Treated Wastewater Effluent for Breeding in Wild Roach ( <i>Rutilus rutilus</i> ) Populations. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1673-1679.	10.0	75
119	Metabolomics Reveals Target and Off-Target Toxicities of a Model Organophosphate Pesticide to Roach ( <i>Rutilus rutilus</i> ): Implications for Biomonitoring. <i>Environmental Science &amp; Technology</i> , 2011, 45, 3759-3767.	10.0	68
120	Bioassay-Directed Identification of Novel Antiandrogenic Compounds in Bile of Fish Exposed to Wastewater Effluents. <i>Environmental Science &amp; Technology</i> , 2011, 45, 10660-10667.	10.0	115
121	Are Toxicological Responses in Laboratory (Inbred) Zebrafish Representative of Those in Outbred (Wild) Populations? – A Case Study with an Endocrine Disrupting Chemical. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4166-4172.	10.0	41
122	Silver nanoparticles: Behaviour and effects in the aquatic environment. <i>Environment International</i> , 2011, 37, 517-531.	10.0	1,026
123	Effects of silver and cerium dioxide micro- and nano-sized particles on <i>Daphnia magna</i> . <i>Journal of Environmental Monitoring</i> , 2011, 13, 1227.	2.1	118
124	The Consequences of Feminization in Breeding Groups of Wild Fish. <i>Environmental Health Perspectives</i> , 2011, 119, 306-311.	6.0	199
125	Gas-liquid chromatography-tandem mass spectrometry methodology for the quantitation of estrogenic contaminants in bile of fish exposed to wastewater treatment works effluents and from wild populations. <i>Journal of Chromatography A</i> , 2010, 1217, 112-118.	3.7	51
126	Uptake and Biological Effects of Environmentally Relevant Concentrations of the Nonsteroidal Anti-inflammatory Pharmaceutical Diclofenac in Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). <i>Environmental Science &amp; Technology</i> , 2010, 44, 2176-2182.	10.0	267



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127	Effects of Aqueous Exposure to Silver Nanoparticles of Different Sizes in Rainbow Trout. <i>Toxicological Sciences</i> , 2010, 115, 521-534.	3.1	299
128	Dominance Hierarchies in Zebrafish ( <i>Danio rerio</i> ) and Their Relationship with Reproductive Success. <i>Zebrafish</i> , 2010, 7, 109-117.	1.1	159
129	Bioavailability of Nanoscale Metal Oxides TiO <sub>2</sub> , CeO <sub>2</sub> , and ZnO to Fish. <i>Environmental Science &amp; Technology</i> , 2010, 44, 1144-1151.	10.0	251
130	Physiological and health consequences of social status in zebrafish ( <i>Danio rerio</i> ). <i>Physiology and Behavior</i> , 2010, 101, 576-587.	2.1	103
131	Impacts of Early Life Exposure to Estrogen on Subsequent Breeding Behavior and Reproductive Success in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6481-6487.	10.0	47
132	Effects of Advanced Treatments of Wastewater Effluents on Estrogenic and Reproductive Health Impacts in Fish. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4348-4354.	10.0	41
133	Profiles and Some Initial Identifications of (Anti)Androgenic Compounds in Fish Exposed to Wastewater Treatment Works Effluents. <i>Environmental Science &amp; Technology</i> , 2010, 44, 1137-1143.	10.0	61
134	Identifying Health Impacts of Exposure to Copper Using Transcriptomics and Metabolomics in a Fish Model. <i>Environmental Science &amp; Technology</i> , 2010, 44, 820-826.	10.0	152
135	Hepatic transcriptomic and metabolomic responses in the Stickleback ( <i>Gasterosteus aculeatus</i> ) exposed to ethinyl-estradiol. <i>Aquatic Toxicology</i> , 2010, 97, 174-187.	4.0	71
136	Pharmaceuticals in the aquatic environment: A critical review of the evidence for health effects in fish. <i>Critical Reviews in Toxicology</i> , 2010, 40, 287-304.	3.9	466
137	Statistical Modeling Suggests that Antiandrogens in Effluents from Wastewater Treatment Works Contribute to Widespread Sexual Disruption in Fish Living in English Rivers. <i>Environmental Health Perspectives</i> , 2009, 117, 797-802.	6.0	163
138	High Doses of Intravenously Administered Titanium Dioxide Nanoparticles Accumulate in the Kidneys of Rainbow Trout but with no Observable Impairment of Renal Function. <i>Toxicological Sciences</i> , 2009, 109, 372-380.	3.1	96
139	Growth rate during early life affects sexual differentiation in roach ( <i>Rutilus rutilus</i> ). <i>Environmental Biology of Fishes</i> , 2009, 85, 277-284.	1.0	12
140	The organophosphorous pesticide, fenitrothion, acts as an anti-androgen and alters reproductive behavior of the male three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>Ecotoxicology</i> , 2009, 18, 122-133.	2.4	41
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142	Hepatic Transcriptomic and Metabolomic Responses in the Stickleback ( <i>Gasterosteus aculeatus</i> ) Exposed to Environmentally Relevant Concentrations of Dibenzanthracene. <i>Environmental Science &amp; Technology</i> , 2009, 43, 6341-6348.	10.0	71
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146	Manufactured nanoparticles: their uptake and effects on fish—a mechanistic analysis. <i>Ecotoxicology</i> , 2008, 17, 396-409.	2.4	385
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157	Gonadal transcriptome responses and physiological consequences of exposure to oestrogen in breeding zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2007, 83, 134-142.	4.0	89
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161	Gene Expression Profiling for Understanding Chemical Causation of Biological Effects for Complex Mixtures: A Case Study on Estrogens. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8187-8194.	10.0	42
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