

# Karen L Thorpe

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,645  
citations

393982

19  
h-index

552369

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plastic Bag Derived-Microplastics as a Vector for Metal Exposure in Terrestrial Invertebrates. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4714-4721.	4.6	519
2	Relative Potencies and Combination Effects of Steroidal Estrogens in Fish. <i>Environmental Science &amp; Technology</i> , 2003, 37, 1142-1149.	4.6	427
3	Gene expression profiles revealing the mechanisms of anti-androgen- and estrogen-induced feminization in fish. <i>Aquatic Toxicology</i> , 2007, 81, 219-231.	1.9	272
4	Assessing the Biological Potency of Binary Mixtures of Environmental Estrogens using Vitellogenin Induction in Juvenile Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). <i>Environmental Science &amp; Technology</i> , 2001, 35, 2476-2481.	4.6	245
5	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.	2.8	163
6	Multiple molecular effect pathways of an environmental oestrogen in fish. <i>Journal of Molecular Endocrinology</i> , 2006, 37, 121-134.	1.1	127
7	Health Impacts of Estrogens in the Environment, Considering Complex Mixture Effects. <i>Environmental Health Perspectives</i> , 2007, 115, 1704-1710.	2.8	117
8	An Assessment of the Model of Concentration Addition for Predicting the Estrogenic Activity of Chemical Mixtures in Wastewater Treatment Works Effluents. <i>Environmental Health Perspectives</i> , 2006, 114, 90-97.	2.8	100
9	Characteristic and Functional Analysis of Toll-like Receptors (TLRs) in the lophotrocozoan, <i>Crassostrea gigas</i> , Reveals Ancient Origin of TLR-Mediated Innate Immunity. <i>PLoS ONE</i> , 2013, 8, e76464.	1.1	84
10	Short-term exposure to the environmentally relevant estrogenic mycotoxin zearalenone impairs reproduction in fish. <i>Science of the Total Environment</i> , 2010, 409, 326-333.	3.9	75
11	Estrogenic Wastewater Treatment Works Effluents Reduce Egg Production in Fish. <i>Environmental Science &amp; Technology</i> , 2009, 43, 2976-2982.	4.6	73
12	Associations between altered vitellogenin concentrations and adverse health effects in fathead minnow ( <i>Pimephales promelas</i> ). <i>Aquatic Toxicology</i> , 2007, 85, 176-183.	1.9	71
13	DYNAMICS OF ESTROGEN BIOMARKER RESPONSES IN RAINBOW TROUT EXPOSED TO 17 $\beta$ -ESTRADIOL AND 17 $\alpha$ -ETHINYLESTRADIOL. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 3001.	2.2	62
14	DEVELOPMENT OF AN IN VIVO SCREENING ASSAY FOR ESTROGENIC CHEMICALS USING JUVENILE RAINBOW TROUT ( <i>ONCORHYNCHUS MYKISS</i> ). <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2812.	2.2	44
15	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.	4.6	42
16	Immunotoxic effects of oil sands-derived naphthenic acids to rainbow trout. <i>Aquatic Toxicology</i> , 2013, 126, 95-103.	1.9	42
17	Test concentration setting for fish in vivo endocrine screening assays. <i>Chemosphere</i> , 2013, 92, 1067-1076.	4.2	41
18	Mode of sexual differentiation and its influence on the relative sensitivity of the fathead minnow and zebrafish in the fish sexual development test. <i>Aquatic Toxicology</i> , 2011, 105, 412-420.	1.9	25

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19	An optimised experimental test procedure for measuring chemical effects on reproduction in the fathead minnow, <i>Pimephales promelas</i> . <i>Aquatic Toxicology</i> , 2007, 81, 90-98.	1.9	21
20	Development of an ex vivo brown trout ( <i>Salmo trutta fario</i> ) gonad culture for assessing chemical effects on steroidogenesis. <i>Aquatic Toxicology</i> , 2011, 101, 500-511.	1.9	17
21	Reproductive effects of exposure to oestrone in the fathead minnow. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 451-452.	0.9	16
22	A practicable laboratory flow-through exposure system for assessing the health effects of effluents in fish. <i>Aquatic Toxicology</i> , 2008, 88, 164-172.	1.9	14
23	Molecular and cellular effects of chemicals disrupting steroidogenesis during early ovarian development of brown trout ( <i>Salmo trutta fario</i> ). <i>Environmental Toxicology</i> , 2014, 29, 199-206.	2.1	14
24	Opportunistic disease in yellow perch in response to decadal changes in the chemistry of oil sands-affected waters. <i>Environmental Pollution</i> , 2018, 234, 769-778.	3.7	13
25	Investigating endocrine-disrupting properties of chemicals in fish and amphibians: Opportunities to apply the 3Rs. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 442-458.	1.6	13
26	Artificial steps mitigate the effect of fine sediment on the survival of brown trout embryos in a heavily modified river. <i>Freshwater Biology</i> , 2014, 59, 544-556.	1.2	8
27	Estrogenic Effects of the Alkylphenol Ethoxylates and Their Biodegradation Products. <i>Surfactant Science</i> , 2004, , 447-466.	0.0	0