## Karen L Thorpe

List of Publications by Year in descending order

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| #  | Article                                                                                                                                                                                                                                 | IF   | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Plastic Bag Derived-Microplastics as a Vector for Metal Exposure in Terrestrial Invertebrates.<br>Environmental Science & Technology, 2017, 51, 4714-4721.                                                                              | 10.0 | 519       |
| 2  | Relative Potencies and Combination Effects of Steroidal Estrogens in Fish. Environmental Science & amp; Technology, 2003, 37, 1142-1149.                                                                                                | 10.0 | 427       |
| 3  | Gene expression profiles revealing the mechanisms of anti-androgen- and estrogen-induced feminization in fish. Aquatic Toxicology, 2007, 81, 219-231.                                                                                   | 4.0  | 272       |
| 4  | Assessing the Biological Potency of Binary Mixtures of Environmental Estrogens using Vitellogenin<br>Induction in Juvenile Rainbow Trout (Oncorhynchus mykiss). Environmental Science &<br>Technology, 2001, 35, 2476-2481.             | 10.0 | 245       |
| 5  | Statistical Modeling Suggests that Antiandrogens in Effluents from Wastewater Treatment Works<br>Contribute to Widespread Sexual Disruption in Fish Living in English Rivers. Environmental Health<br>Perspectives, 2009, 117, 797-802. | 6.0  | 163       |
| 6  | Multiple molecular effect pathways of an environmental oestrogen in fish. Journal of Molecular<br>Endocrinology, 2006, 37, 121-134.                                                                                                     | 2.5  | 127       |
| 7  | Health Impacts of Estrogens in the Environment, Considering Complex Mixture Effects. Environmental<br>Health Perspectives, 2007, 115, 1704-1710.                                                                                        | 6.0  | 117       |
| 8  | An Assessment of the Model of Concentration Addition for Predicting the Estrogenic Activity of<br>Chemical Mixtures in Wastewater Treatment Works Effluents. Environmental Health Perspectives,<br>2006, 114, 90-97.                    | 6.0  | 100       |
| 9  | Characteristic and Functional Analysis of Toll-like Receptors (TLRs) in the lophotrocozoan,<br>Crassostrea gigas, Reveals Ancient Origin of TLR-Mediated Innate Immunity. PLoS ONE, 2013, 8, e76464.                                    | 2.5  | 84        |
| 10 | Short-term exposure to the environmentally relevant estrogenic mycotoxin zearalenone impairs reproduction in fish. Science of the Total Environment, 2010, 409, 326-333.                                                                | 8.0  | 75        |
| 11 | Estrogenic Wastewater Treatment Works Effluents Reduce Egg Production in Fish. Environmental<br>Science & Technology, 2009, 43, 2976-2982.                                                                                              | 10.0 | 73        |
| 12 | Associations between altered vitellogenin concentrations and adverse health effects in fathead minnow (Pimephales promelas). Aquatic Toxicology, 2007, 85, 176-183.                                                                     | 4.0  | 71        |
| 13 | DYNAMICS OF ESTROGEN BIOMARKER RESPONSES IN RAINBOW TROUT EXPOSED TO 17Î2-ESTRADIOL AND 17α-ETHINYLESTRADIOL. Environmental Toxicology and Chemistry, 2003, 22, 3001.                                                                   | 4.3  | 62        |
| 14 | DEVELOPMENT OF AN IN VIVO SCREENING ASSAY FOR ESTROGENIC CHEMICALS USING JUVENILE RAINBOW TROUT (ONCORHYNCHUS MYKISS). Environmental Toxicology and Chemistry, 2000, 19, 2812.                                                          | 4.3  | 44        |
| 15 | Gene Expression Profiling for Understanding Chemical Causation of Biological Effects for Complex<br>Mixtures: A Case Study on Estrogens. Environmental Science & Technology, 2007, 41, 8187-8194.                                       | 10.0 | 42        |
| 16 | Immunotoxic effects of oil sands-derived naphthenic acids to rainbow trout. Aquatic Toxicology, 2013, 126, 95-103.                                                                                                                      | 4.0  | 42        |
| 17 | Test concentration setting for fish in vivo endocrine screening assays. Chemosphere, 2013, 92, 1067-1076.                                                                                                                               | 8.2  | 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. Aquatic Toxicology, 2011, 105, 412-420.                                           | 4.0  | 25        |

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| #  | Article                                                                                                                                                                                      | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | An optimised experimental test procedure for measuring chemical effects on reproduction in the fathead minnow, Pimephales promelas. Aquatic Toxicology, 2007, 81, 90-98.                     | 4.0 | 21        |
| 20 | Development of an ex vivo brown trout (Salmo trutta fario) gonad culture for assessing chemical effects on steroidogenesis. Aquatic Toxicology, 2011, 101, 500-511.                          | 4.0 | 17        |
| 21 | Reproductive effects of exposure to oestrone in the fathead minnow. Fish Physiology and Biochemistry, 2003, 28, 451-452.                                                                     | 2.3 | 16        |
| 22 | A practicable laboratory flow-through exposure system for assessing the health effects of effluents in fish. Aquatic Toxicology, 2008, 88, 164-172.                                          | 4.0 | 14        |
| 23 | Molecular and cellular effects of chemicals disrupting steroidogenesis during early ovarian<br>development of brown trout (Salmo trutta fario). Environmental Toxicology, 2014, 29, 199-206. | 4.0 | 14        |
| 24 | Opportunistic disease in yellow perch in response to decadal changes in the chemistry of oil sands-affected waters. Environmental Pollution, 2018, 234, 769-778.                             | 7.5 | 13        |
| 25 | Investigating endocrineâ€disrupting properties of chemicals in fish and amphibians: Opportunities to apply the 3Rs. Integrated Environmental Assessment and Management, 2022, 18, 442-458.   | 2.9 | 13        |
| 26 | Artificial steps mitigate the effect of fine sediment on the survival of brown trout embryos in a heavily modified river. Freshwater Biology, 2014, 59, 544-556.                             | 2.4 | 8         |
| 27 | Estrogenic Effects of the Alkylphenol Ethoxylates and Their Biodegradation Products. Surfactant<br>Science, 2004, , 447-466.                                                                 | 0.0 | 0         |