Cheryl A Murphy

List of Publications by Year
in descending order

27	1,482	430874	610901
papers	citations	18 h-index	24 g-index

27	27	27	2182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adverse outcome pathways and ecological risk assessment: Bridging to populationâ€level effects. Environmental Toxicology and Chemistry, 2011, 30, 64-76.	4.3	195
2	Development and application of the adverse outcome pathway framework for understanding and predicting chronic toxicity: I. Challenges and research needs in ecotoxicology. Chemosphere, 2015, 120, 764-777.	8.2	167
3	Toxicity of dietary methylmercury to fish: Derivation of ecologically meaningful threshold concentrations. Environmental Toxicology and Chemistry, 2012, 31, 1536-1547.	4.3	141
4	Building and Applying Quantitative Adverse Outcome Pathway Models for Chemical Hazard and Risk Assessment. Environmental Toxicology and Chemistry, 2019, 38, 1850-1865.	4.3	105
5	Evidence for harvest-induced maternal influences on the reproductive rates of fish populations. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 919-924.	2.6	103
6	Maternal influences on population dynamics: evidence from an exploited freshwater fish. Ecology, 2010, 91, 2003-2012.	3.2	97
7	Putative steroidal pheromones in the round goby, Neogobius melanostomus: olfactory and behavioral responses. Journal of Chemical Ecology, 2001, 27, 443-470.	1.8	94
8	Development and application of the adverse outcome pathway framework for understanding and predicting chronic toxicity: II. A focus on growth impairment in fish. Chemosphere, 2015, 120, 778-792.	8.2	71
9	Maternal body burdens of methylmercury impair survival skills of offspring in Atlantic croaker (Micropogonias undulatus). Aquatic Toxicology, 2006, 80, 329-337.	4.0	69
10	Does hypoxia have population-level effects on coastal fish? Musings from the virtual world. Journal of Experimental Marine Biology and Ecology, 2009, 381, S188-S203.	1.5	63
11	Highâ€throughput screening and environmental risk assessment: State of the science and emerging applications. Environmental Toxicology and Chemistry, 2019, 38, 12-26.	4.3	63
12	Modeling vitellogenesis in female fish exposed to environmental stressors: predicting the effects of endocrine disturbance due to exposure to a PCB mixture and cadmium. Reproductive Toxicology, 2005, 19, 395-409.	2.9	56
13	Incorporating Suborganismal Processes into Dynamic Energy Budget Models for Ecological Risk Assessment. Integrated Environmental Assessment and Management, 2018, 14, 615-624.	2.9	42
14	Modeling larval fish behavior: Scaling the sublethal effects of methylmercury to population-relevant endpointsâ˜†. Aquatic Toxicology, 2008, 86, 470-484.	4.0	37
15	Determining the effects of ammonia on fathead minnow (Pimephales promelas) reproduction. Science of the Total Environment, 2012, 420, 127-133.	8.0	35
16	Testing and applying a fish vitellogenesis model to evaluate laboratory and field biomarkers of endocrine disruption in Atlantic croaker (Micropogonias undulatus) exposed to hypoxia. Environmental Toxicology and Chemistry, 2009, 28, 1288-1303.	4.3	34
17	Methyl-Testosterone Induces Male-Typical Ventilatory Behavior in Response to Putative Steroidal Pheromones in Female Round Gobies (Neogobius melanostomus). Hormones and Behavior, 2002, 42, 109-115.	2.1	30
18	Simulating the effects of global climate change on Atlantic croaker population dynamics in the mid-Atlantic Region. Ecological Modelling, 2013, 264, 98-114.	2.5	20

#	Article	IF	Citations
19	Determining the effects of a mixture of an endocrine disrupting compound, 17Î±-ethinylestradiol, and ammonia on fathead minnow (Pimephales promelas) reproduction. Chemosphere, 2015, 120, 108-114.	8.2	13
20	Differential physiological response to sea lamprey parasitism between lake trout (<i>Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 2016, 73, 1815-1829.	1.4	13
21	Evaluation of the thiamine dose-response relationship for lake trout (Salvelinus namaycush) fry using an individual based model. Journal of Great Lakes Research, 2018, 44, 1393-1404.	1.9	12
22	Linking Adverse Outcome Pathways to Dynamic Energy Budgets: A Conceptual Model. , 2018, , 281-302.		7
23	Altered Larval Yellow Perch Swimming Behavior Due to Methylmercury and PCB126 Detected Using Hidden Markov Chain Models. Environmental Science & Technology, 2022, 56, 3514-3523.	10.0	6
24	Neuroendocrine biochemical effects in methylmercury-exposed yellow perch. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 187, 10-18.	2.6	5
25	Exploring the Impacts of Methylmercuryâ€Induced Behavioral Alterations in Larval Yellow Perch in Lake Michigan Using an Individualâ€Based Model. Transactions of the American Fisheries Society, 2020, 149, 664-680.	1.4	2
26	Using a Vitellogenesis Model to Link in vitro Neurochemical Effects of Pulp and Paper Mill Effluents to Adverse Reproductive Outcomes in Fish. , 2018, , 317-347.		1
27	Advancing Adverse Outcome Pathways for Risk Assessment. , 2018, , 1-14.		1