

Jenna Cavallin

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,208
citations

394421

19
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Year-round presence of neonicotinoid insecticides in tributaries to the Great Lakes, USA. <i>Environmental Pollution</i> , 2018, 235, 1022-1029.	7.5	116
2	Effects of a glucocorticoid receptor agonist, dexamethasone, on fathead minnow reproduction, growth, and development. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 611-622.	4.3	97
3	Direct Effects, Compensation, and Recovery in Female Fathead Minnows Exposed to a Model Aromatase Inhibitor. <i>Environmental Health Perspectives</i> , 2009, 117, 624-631.	6.0	90
4	Molecular target sequence similarity as a basis for species extrapolation to assess the ecological risk of chemicals with known modes of action. <i>Aquatic Toxicology</i> , 2013, 144-145, 141-154.	4.0	87
5	Dynamic Nature of Alterations in the Endocrine System of Fathead Minnows Exposed to the Fungicide Prochloraz. <i>Toxicological Sciences</i> , 2009, 112, 344-353.	3.1	72
6	Propiconazole Inhibits Steroidogenesis and Reproduction in the Fathead Minnow (<i>Pimephales</i>) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 542	3.1	69
7	Re-evaluating the Significance of Estrone as an Environmental Estrogen. <i>Environmental Science & Technology</i> , 2017, 51, 4705-4713.	10.0	60
8	Toward an AOP Network-Based Tiered Testing Strategy for the Assessment of Thyroid Hormone Disruption. <i>Environmental Science & Technology</i> , 2020, 54, 8491-8499.	10.0	48
9	Gene transcription ontogeny of hypothalamic-pituitary-thyroid axis development in early-life stage fathead minnow and zebrafish. <i>General and Comparative Endocrinology</i> , 2018, 266, 87-100.	1.8	45
10	A time-course analysis of effects of the steroidogenesis inhibitor ketoconazole on components of the hypothalamic-pituitary-gonadal axis of fathead minnows. <i>Aquatic Toxicology</i> , 2012, 114-115, 88-95.	4.0	42
11	Contaminants of emerging concern presence and adverse effects in fish: A case study in the Laurentian Great Lakes. <i>Environmental Pollution</i> , 2018, 236, 718-733.	7.5	41
12	Integrated assessment of runoff from livestock farming operations: Analytical chemistry, in vitro bioassays, and in vivo fish exposures. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1849-1857.	4.3	40
13	Linking field-based metabolomics and chemical analyses to prioritize contaminants of emerging concern in the Great Lakes basin. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2493-2502.	4.3	36
14	Pathway-based approaches for assessment of real-time exposure to an estrogenic wastewater treatment plant effluent on fathead minnow reproduction. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 702-716.	4.3	34
15	Screening complex effluents for estrogenic activity with the T47D-KBluc cell bioassay: Assay optimization and comparison with in vivo responses in fish. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 439-445.	4.3	31
16	Developing Predictive Approaches to Characterize Adaptive Responses of the Reproductive Endocrine Axis to Aromatase Inhibition: I. Data Generation in a Small Fish Model. <i>Toxicological Sciences</i> , 2013, 133, 225-233.	3.1	30
17	An integrated approach for identifying priority contaminant in the Great Lakes Basin – Investigations in the Lower Green Bay/Fox River and Milwaukee Estuary areas of concern. <i>Science of the Total Environment</i> , 2017, 579, 825-837.	8.0	28
18	An inexpensive, temporally integrated system for monitoring occurrence and biological effects of aquatic contaminants in the field. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1584-1595.	4.3	25

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19	High-resolution mass spectrometry of skin mucus for monitoring physiological impacts and contaminant biotransformation products in fathead minnows exposed to wastewater effluent. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 788-796.	4.3	22
20	Metabolomics for informing adverse outcome pathways: Androgen receptor activation and the pharmaceutical spironolactone. <i>Aquatic Toxicology</i> , 2017, 184, 103-115.	4.0	21
21	Evaluation of targeted and untargeted effects-based monitoring tools to assess impacts of contaminants of emerging concern on fish in the South Platte River, CO. <i>Environmental Pollution</i> , 2018, 239, 706-713.	7.5	19
22	Effects of the antimicrobial contaminant triclocarban, and co-exposure with the androgen 17 α -trenbolone, on reproductive function and ovarian transcriptome of the fathead minnow (<i>Pimephales promelas</i>). <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 231-242.	4.3	18
23	Prioritization of Contaminants of Emerging Concern in Wastewater Treatment Plant Discharges Using Chemical:Gene Interactions in Caged Fish. <i>Environmental Science & Technology</i> , 2017, 51, 8701-8712.	10.0	18
24	Impaired swim bladder inflation in early life stage fathead minnows exposed to a deiodinase inhibitor, iopanoic acid. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2942-2952.	4.3	17
25	Rapid effects of the aromatase inhibitor fadrozole on steroid production and gene expression in the ovary of female fathead minnows (<i>Pimephales promelas</i>). <i>General and Comparative Endocrinology</i> , 2017, 252, 79-87.	1.8	17
26	Adverse Outcome Pathway Network-Based Assessment of the Interactive Effects of an Androgen Receptor Agonist and an Aromatase Inhibitor on Fish Endocrine Function. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 913-922.	4.3	15
27	Effects-Based Monitoring of Bioactive Chemicals Discharged to the Colorado River before and after a Municipal Wastewater Treatment Plant Replacement. <i>Environmental Science & Technology</i> , 2021, 55, 974-984.	10.0	13
28	Pathway-Based Approaches for Assessing Biological Hazards of Complex Mixtures of Contaminants: A Case Study in the Maumee River. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1098-1122.	4.3	12
29	Case Study in 21st Century Ecotoxicology: Using In Vitro Aromatase Inhibition Data to Predict Short-Term In Vivo Responses in Adult Female Fish. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1155-1170.	4.3	11
30	Effects-based monitoring of bioactive compounds associated with municipal wastewater treatment plant effluent discharge to the South Platte River, Colorado, USA. <i>Environmental Pollution</i> , 2021, 289, 117928.	7.5	9
31	In Vivo and In Vitro neurochemical-based assessments of wastewater effluents from the Maumee River area of concern. <i>Environmental Pollution</i> , 2016, 211, 9-19.	7.5	8
32	A method for CRISPR/Cas9 mutation of genes in fathead minnow (<i>Pimephales promelas</i>). <i>Aquatic Toxicology</i> , 2020, 222, 105464.	4.0	7
33	Evaluation of whole-mount in situ hybridization as a tool for pathway-based toxicological research with early-life stage fathead minnows. <i>Aquatic Toxicology</i> , 2015, 169, 19-26.	4.0	6
34	Assessing effects of aromatase inhibition on fishes with group-synchronous oocyte development using western mosquitofish (<i>Gambusia affinis</i>) as a model. <i>Aquatic Toxicology</i> , 2021, 232, 105741.	4.0	4