

# Daniel L Villeneuve

## List of Publications by Year in descending order

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171  
papers

11,744  
citations

34493

54  
h-index

35168

102  
g-index

175  
all docs

175  
docs citations

175  
times ranked

8593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking Mechanistic Effects of Pharmaceuticals and Personal Care Products to Ecologically Relevant Outcomes: A Decade of Progress. <i>Environmental Toxicology and Chemistry</i> , 2024, 43, 537-548.	2.2	4
2	Towards a qAOP framework for predictive toxicology - Linking data to decisions. <i>Computational Toxicology</i> , 2022, 21, 100195.	1.8	17
3	A Multidimensional Matrix Model for Predicting the Effects of Male-Biased Sex Ratios on Fish Populations. <i>Environmental Toxicology and Chemistry</i> , 2022, , .	2.2	1
4	Risk-Based Prioritization of Organic Chemicals and Locations of Ecological Concern in Sediment From Great Lakes Tributaries. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1016-1041.	2.2	9
5	Probabilistic modelling of developmental neurotoxicity based on a simplified adverse outcome pathway network. <i>Computational Toxicology</i> , 2022, 21, 100206.	1.8	15
6	Leveraging ToxCast Data and Protein Sequence Conservation to Complement Aquatic Life Criteria Derivation. <i>Integrated Environmental Assessment and Management</i> , 2022, , .	1.6	1
7	Food, Beverage, and Feedstock Processing Facility Wastewater: a Unique and Underappreciated Source of Contaminants to U.S. Streams. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1028-1040.	4.6	7
8	Collaborative efforts are needed among the scientific community to advance the adverse outcome pathway concept in areas of radiation risk assessment. <i>International Journal of Radiation Biology</i> , 2021, 97, 815-823.	1.0	10
9	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.	2.2	12
10	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.	1.9	4
11	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.	2.2	11
12	Identifying Chemicals and Mixtures of Potential Biological Concern Detected in Passive Samplers from Great Lakes Tributaries Using High-Throughput Data and Biological Pathways. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2165-2182.	2.2	30
13	AOP Report: Uncoupling of Oxidative Phosphorylation Leading to Growth Inhibition via Decreased Cell Proliferation. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2959-2967.	2.2	9
14	A Pragmatic Approach to Adverse Outcome Pathway Development and Evaluation. <i>Toxicological Sciences</i> , 2021, 184, 183-190.	1.4	36
15	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.	3.7	9
16	Effects-Based Monitoring of Bioactive Chemicals Discharged to the Colorado River before and after a Municipal Wastewater Treatment Plant Replacement. <i>Environmental Science &amp; Technology</i> , 2021, 55, 974-984.	4.6	13
17	De Facto Water Reuse: Bioassay suite approach delivers depth and breadth in endocrine active compound detection. <i>Science of the Total Environment</i> , 2020, 699, 134297.	3.9	24
18	Harmonized Cross-Species Assessment of Endocrine and Metabolic Disruptors by Ecotox FACTORIAL Assay. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12142-12153.	4.6	4

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19	A method for CRISPR/Cas9 mutation of genes in fathead minnow ( <i>Pimephales promelas</i> ). <i>Aquatic Toxicology</i> , 2020, 222, 105464.	1.9	7
20	Toward an AOP Network-Based Tiered Testing Strategy for the Assessment of Thyroid Hormone Disruption. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8491-8499.	4.6	48
21	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.	2.2	15
22	Effect of Thyroperoxidase and Deiodinase Inhibition on Anterior Swim Bladder Inflation in the Zebrafish. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6213-6223.	4.6	31
23	Quantitative Response-Response Relationships Linking Aromatase Inhibition to Decreased Fecundity are Conserved Across Three Fishes with Asynchronous Oocyte Development. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10470-10478.	4.6	22
24	Prioritizing chemicals of ecological concern in Great Lakes tributaries using high-throughput screening data and adverse outcome pathways. <i>Science of the Total Environment</i> , 2019, 686, 995-1009.	3.9	70
25	Predictive Analysis Using Chemical-Gene Interaction Networks Consistent with Observed Endocrine Activity and Mutagenicity of U.S. Streams. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8611-8620.	4.6	9
26	Differential Sensitivity to In Vitro Inhibition of Cytochrome P450 Aromatase (CYP19) Activity Among 18 Freshwater Fishes. <i>Toxicological Sciences</i> , 2019, 170, 394-403.	1.4	16
27	The Next Generation Blueprint of Computational Toxicology at the U.S. Environmental Protection Agency. <i>Toxicological Sciences</i> , 2019, 169, 317-332.	1.4	225
28	Extracting and Benchmarking Emerging Adverse Outcome Pathway Knowledge. <i>Toxicological Sciences</i> , 2019, 168, 349-364.	1.4	32
29	Potential Toxicity of Complex Mixtures in Surface Waters from a Nationwide Survey of United States Streams: Identifying In Vitro Bioactivities and Causative Chemicals. <i>Environmental Science &amp; Technology</i> , 2019, 53, 973-983.	4.6	75
30	High-throughput screening and environmental risk assessment: State of the science and emerging applications. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 12-26.	2.2	63
31	Methods of Mutation Efficiency Analysis for CRISPR/Cas9 in Fathead Minnow. <i>FASEB Journal</i> , 2019, 33, 626.3.	0.2	0
32	Adverse outcome pathway networks I: Development and applications. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1723-1733.	2.2	146
33	Differentiating Pathway-Specific From Nonspecific Effects in High-Throughput Toxicity Data: A Foundation for Prioritizing Adverse Outcome Pathway Development. <i>Toxicological Sciences</i> , 2018, 163, 500-515.	1.4	43
34	Adverse outcome pathway networks II: Network analytics. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1734-1748.	2.2	102
35	An AOP-based alternative testing strategy to predict the impact of thyroid hormone disruption on swim bladder inflation in zebrafish. <i>Aquatic Toxicology</i> , 2018, 200, 1-12.	1.9	28
36	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.	3.7	19

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37	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.	2.2	22
38	A Reduced Transcriptome Approach to Assess Environmental Toxicants Using Zebrafish Embryo Test. <i>Environmental Science &amp; Technology</i> , 2018, 52, 821-830.	4.6	44
39	Evidence for Cross Species Extrapolation of Mammalian-Based High-Throughput Screening Assay Results. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13960-13971.	4.6	45
40	Representing the Process of Inflammation as Key Events in Adverse Outcome Pathways. <i>Toxicological Sciences</i> , 2018, 163, 346-352.	1.4	49
41	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.	0.8	45
42	The advantages of linear concentration-response curves for in vitro bioassays with environmental samples. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2273-2280.	2.2	88
43	Effects of the antimicrobial contaminant triclocarban, and co-exposure with the androgen 17 $\beta$ -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.	2.2	18
44	Weight of evidence evaluation of a network of adverse outcome pathways linking activation of the nicotinic acetylcholine receptor in honey bees to colony death. <i>Science of the Total Environment</i> , 2017, 584-585, 751-775.	3.9	45
45	Metabolomics for informing adverse outcome pathways: Androgen receptor activation and the pharmaceutical spironolactone. <i>Aquatic Toxicology</i> , 2017, 184, 103-115.	1.9	21
46	Practical approaches to adverse outcome pathway development and weight of evidence evaluation as illustrated by ecotoxicological case studies. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1429-1449.	2.2	39
47	Expanded Target-Chemical Analysis Reveals Extensive Mixed-Organic-Contaminant Exposure in U.S. Streams. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4792-4802.	4.6	245
48	Advancing the adverse outcome pathway framework: An international horizon scanning approach. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1411-1421.	2.2	58
49	Derivation and Evaluation of Putative Adverse Outcome Pathways for the Effects of Cyclooxygenase Inhibitors on Reproductive Processes in Female Fish. <i>Toxicological Sciences</i> , 2017, 156, 344-361.	1.4	14
50	Re-evaluating the Significance of Estrone as an Environmental Estrogen. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4705-4713.	4.6	60
51	Quantitative Adverse Outcome Pathways and Their Application to Predictive Toxicology. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4661-4672.	4.6	155
52	Prior knowledge-based approach for associating contaminants with biological effects: A case study in the St. Croix River basin, MN, WI, USA. <i>Environmental Pollution</i> , 2017, 221, 427-436.	3.7	15
53	First-generation annotations for the fathead minnow ( <i>Pimephales promelas</i> ) genome. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3436-3442.	2.2	18
54	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.	2.2	17

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55	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.	0.8	17
56	Prioritization of Contaminants of Emerging Concern in Wastewater Treatment Plant Discharges Using Chemical:Gene Interactions in Caged Fish. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8701-8712.	4.6	18
57	An "EAR" on Environmental Surveillance and Monitoring: A Case Study on the Use of Exposure"Activity Ratios (EARs) to Prioritize Sites, Chemicals, and Bioactivities of Concern in Great Lakes Waters. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8713-8724.	4.6	81
58	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.	3.9	28
59	Predicting Fecundity of Fathead Minnows ( <i>Pimephales promelas</i> ) Exposed to Endocrine-Disrupting Chemicals Using a MATLAB®-Based Model of Oocyte Growth Dynamics. <i>PLoS ONE</i> , 2016, 11, e0146594.	1.1	12
60	Prioritization of pharmaceuticals for potential environmental hazard through leveraging a large-scale mammalian pharmacological dataset. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1007-1020.	2.2	43
61	Editor's Highlight: Sequence Alignment to Predict Across Species Susceptibility (SeqAPASS): A Web-Based Tool for Addressing the Challenges of Cross-Species Extrapolation of Chemical Toxicity. <i>Toxicological Sciences</i> , 2016, 153, 228-245.	1.4	105
62	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.	2.2	34
63	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.	2.2	36
64	Evaluation of the scientific underpinnings for identifying estrogenic chemicals in nonmammalian taxa using mammalian test systems. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2806-2816.	2.2	33
65	Environmental surveillance and monitoring "The next frontiers for high-throughput toxicology. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 513-525.	2.2	70
66	Sequencing and de novo draft assemblies of a fathead minnow ( <i>Pimephales promelas</i> ) reference genome. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 212-217.	2.2	29
67	Computational model of the fathead minnow hypothalamic-pituitary-gonadal axis: Incorporating protein synthesis in improving predictability of responses to endocrine active chemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 183-184, 36-45.	1.3	3
68	A study of temporal effects of the model anti-androgen flutamide on components of the hypothalamic-pituitary-gonadal axis in adult fathead minnows. <i>Aquatic Toxicology</i> , 2016, 180, 164-172.	1.9	1
69	Functional Toxicogenomic Assessment of Triclosan in Human HepG2 Cells Using Genome-Wide CRISPR-Cas9 Screening. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10682-10692.	4.6	45
70	Editor's Highlight: Computational Modeling of Plasma Vitellogenin Alterations in Response to Aromatase Inhibition in Fathead Minnows. <i>Toxicological Sciences</i> , 2016, 154, 78-89.	1.4	10
71	Toxicogenomic Assessment of 6-OH-BDE47-Induced Developmental Toxicity in Chicken Embryos. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12493-12503.	4.6	17
72	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. <i>Chemosphere</i> , 2016, 144, 1754-1762.	4.2	18

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73	InÂvivo and InÂvitro neurochemical-based assessments of wastewater effluents from the Maumee River area of concern. <i>Environmental Pollution</i> , 2016, 211, 9-19.	3.7	8
74	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part II: Zebrafish. <i>Aquatic Toxicology</i> , 2016, 173, 204-217.	1.9	56
75	Fish connectivity mapping: linking chemical stressors by their mechanisms of action-driven transcriptomic profiles. <i>BMC Genomics</i> , 2016, 17, 84.	1.2	15
76	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part I: Fathead minnow. <i>Aquatic Toxicology</i> , 2016, 173, 192-203.	1.9	40
77	The potential of AOP networks for reproductive and developmental toxicity assay development. <i>Reproductive Toxicology</i> , 2015, 56, 52-55.	1.3	88
78	Increasing Scientific Confidence in Adverse Outcome Pathways: Application of Tailored Bradford-Hill Considerations for Evaluating Weight of Evidence. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 72, 514-537.	1.3	198
79	Adverse Outcome Pathways--Organizing Toxicological Information to Improve Decision Making. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 356, 170-181.	1.3	160
80	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.	1.9	6
81	Temporal Changes in Biological Responses and Uncertainty in Assessing Risks of Endocrine-Disrupting Chemicals: Insights from Intensive Time-Course Studies with Fish. <i>Toxicological Sciences</i> , 2015, 144, 259-275.	1.4	51
82	The Adverse Outcome Pathway: A Conceptual Framework to Support Toxicity Testing in the Twenty-First Century. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 1-26.	0.1	3
83	Adverse Outcome Pathway Development II: Best Practices. <i>Toxicological Sciences</i> , 2014, 142, 321-330.	1.4	207
84	Adverse Outcome Pathway (AOP) Development I: Strategies and Principles. <i>Toxicological Sciences</i> , 2014, 142, 312-320.	1.4	521
85	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.	2.2	40
86	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.	2.2	25
87	Integrated approach to explore the mechanisms of aromatase inhibition and recovery in fathead minnows ( <i>Pimephales promelas</i> ). <i>General and Comparative Endocrinology</i> , 2014, 203, 193-202.	0.8	17
88	Investigating Alternatives to the fish early-life stage test: A strategy for discovering and annotating adverse outcome pathways for early fish development. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 158-169.	2.2	90
89	Leveraging existing data for prioritization of the ecological risks of human and veterinary pharmaceuticals to aquatic organisms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20140022.	1.8	44
90	Development of an adverse outcome pathway for acetylcholinesterase inhibition leading to acute mortality. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2157-2169.	2.2	89



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91	Using Transcriptomic Tools to Evaluate Biological Effects Across Effluent Gradients at a Diverse Set of Study Sites in Minnesota, USA. <i>Environmental Science &amp; Technology</i> , 2014, 48, 140127154618004.	4.6	23
92	Transcriptomic Effects-Based Monitoring for Endocrine Active Chemicals: Assessing Relative Contribution of Treated Wastewater to Downstream Pollution. <i>Environmental Science &amp; Technology</i> , 2014, 48, 140110103918000.	4.6	27
93	Natural Variation in Fish Transcriptomes: Comparative Analysis of the Fathead Minnow ( <i>Pimephales</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 14	1.1	14
94	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.	1.9	87
95	Effects of the insecticide fipronil on reproductive endocrinology in the fathead minnow. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1828-1834.	2.2	23
96	Current Perspectives on the Use of Alternative Species in Human Health and Ecological Hazard Assessments. <i>Environmental Health Perspectives</i> , 2013, 121, 1002-1010.	2.8	87
97	Environmental Reviews and Case Studies: Biological Effects-Based Tools for Monitoring Impacted Surface Waters in the Great Lakes: A Multiagency Program in Support of the Great Lakes Restoration Initiative. <i>Environmental Practice</i> , 2013, 15, 409-426.	0.3	41
98	Propiconazole Inhibits Steroidogenesis and Reproduction in the Fathead Minnow ( <i>Pimephales</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.4	69
99	Cross-species sensitivity to a novel androgen receptor agonist of potential environmental concern, spironolactone. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2528-2541.	2.2	39
100	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.	1.4	30
101	Developing Predictive Approaches to Characterize Adaptive Responses of the Reproductive Endocrine Axis to Aromatase Inhibition: II. Computational Modeling. <i>Toxicological Sciences</i> , 2013, 133, 234-247.	1.4	19
102	Short-Term Study Investigating the Estrogenic Potency of Diethylstilbesterol in the Fathead Minnow ( <i>Pimephales promelas</i> ). <i>Environmental Science &amp; Technology</i> , 2012, 46, 7826-7835.	4.6	23
103	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.	1.9	42
104	A graphical systems model and tissue-specific functional gene sets to aid transcriptomic analysis of chemical impacts on the female teleost reproductive axis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 746, 151-162.	0.9	20
105	Effects of gemfibrozil on lipid metabolism, steroidogenesis, and reproduction in the fathead minnow ( <i>Pimephales promelas</i> ). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2615-2624.	2.2	38
106	Discovery and validation of gene classifiers for endocrine-disrupting chemicals in zebrafish ( <i>danio</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	10
107	Ecotoxicogenomics to Support Ecological Risk Assessment: A Case Study with Bisphenol A in Fish. <i>Environmental Science &amp; Technology</i> , 2012, 46, 51-59.	4.6	95
108	Effects of a glucocorticoid receptor agonist, dexamethasone, on fathead minnow reproduction, growth, and development. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 611-622.	2.2	97

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109	A computational model for asynchronous oocyte growth dynamics in a batch-spawning fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1528-1538.	0.7	18
110	Gene expression profiling of the androgen receptor antagonists flutamide and vinclozolin in zebrafish ( <i>Danio rerio</i> ) gonads. <i>Aquatic Toxicology</i> , 2011, 101, 447-458.	1.9	50
111	Effects of a short-term exposure to the fungicide prochloraz on endocrine function and gene expression in female fathead minnows ( <i>Pimephales promelas</i> ). <i>Aquatic Toxicology</i> , 2011, 103, 170-178.	1.9	57
112	Transcriptional regulatory dynamics of the hypothalamic-pituitary-gonadal axis and its peripheral pathways as impacted by the 3-beta HSD inhibitor trilostane in zebrafish ( <i>Danio rerio</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1461-1470.	2.9	14
113	A computational model of the hypothalamic - pituitary - gonadal axis in female fathead minnows ( <i>Pimephales promelas</i> ) exposed to 17 $\beta$ -ethynylestradiol and 17 $\beta$ -trenbolone. <i>BMC Systems Biology</i> , 2011, 5, 63.	3.0	34
114	Screening complex effluents for estrogenic activity with the T47D-Bluc cell bioassay: Assay optimization and comparison with in vivo responses in fish. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 439-445.	2.2	31
115	Vision & strategy: Predictive ecotoxicology in the 21st century. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1-8.	2.2	131
116	Use of gene expression, biochemical and metabolite profiles to enhance exposure and effects assessment of the model androgen 17 $\beta$ -trenbolone in fish. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 319-329.	2.2	44
117	Temporal evaluation of effects of a model 3 $\beta$ -hydroxysteroid dehydrogenase inhibitor on endocrine function in the fathead minnow. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2094-2102.	2.2	14
118	Adverse Outcome Pathways during Early Fish Development: A Conceptual Framework for Identification of Chemical Screening and Prioritization Strategies. <i>Toxicological Sciences</i> , 2011, 123, 349-358.	1.4	79
119	Characterization of the androgen-sensitive MDA-MB2 cell line for assessing complex environmental mixtures. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1367-1376.	2.2	30
120	Adverse outcome pathways: A conceptual framework to support ecotoxicology research and risk assessment. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 730-741.	2.2	2,072
121	Fathead minnow steroidogenesis: in silico analyses reveals tradeoffs between nominal target efficacy and robustness to cross-talk. <i>BMC Systems Biology</i> , 2010, 4, 89.	3.0	18
122	Impacts of an Anti-Androgen and an Androgen/Anti-Androgen Mixture on the Metabolite Profile of Male Fathead Minnow Urine. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6881-6886.	4.6	43
123	I. Effects of a dopamine receptor antagonist on fathead minnow, <i>Pimephales promelas</i> , reproduction. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 472-477.	2.9	17
124	II: Effects of a dopamine receptor antagonist on fathead minnow dominance behavior and ovarian gene expression in the fathead minnow and zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 478-485.	2.9	15
125	A transcriptomics-based biological framework for studying mechanisms of endocrine disruption in small fish species. <i>Aquatic Toxicology</i> , 2010, 98, 230-244.	1.9	35
126	Influence of ovarian stage on transcript profiles in fathead minnow ( <i>Pimephales promelas</i> ) ovary tissue. <i>Aquatic Toxicology</i> , 2010, 98, 354-366.	1.9	40



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127	Use of chemical mixtures to differentiate mechanisms of endocrine action in a small fish model. <i>Aquatic Toxicology</i> , 2010, 99, 389-396.	1.9	43
128	Direct Effects, Compensation, and Recovery in Female Fathead Minnows Exposed to a Model Aromatase Inhibitor. <i>Environmental Health Perspectives</i> , 2009, 117, 624-631.	2.8	90
129	Dynamic Nature of Alterations in the Endocrine System of Fathead Minnows Exposed to the Fungicide Prochloraz. <i>Toxicological Sciences</i> , 2009, 112, 344-353.	1.4	72
130	A Computational Model of the Hypothalamic-Pituitary-Gonadal Axis in Male Fathead Minnows Exposed to 17 $\beta$ -Ethinylestradiol and 17 $\beta$ -Estradiol. <i>Toxicological Sciences</i> , 2009, 109, 180-192.	1.4	37
131	Gene expression responses in male fathead minnows exposed to binary mixtures of an estrogen and antiestrogen. <i>BMC Genomics</i> , 2009, 10, 308.	1.2	74
132	Profiling lipid metabolites yields unique information on sex- and time-dependent responses of fathead minnows ( <i>Pimephales promelas</i> ) exposed to 17 $\beta$ -ethynylestradiol. <i>Metabolomics</i> , 2009, 5, 22-32.	1.4	60
133	Altered gene expression in the brain and ovaries of zebrafish ( <i>Danio Rerio</i> ) exposed to the aromatase inhibitor fadrozole: Microarray analysis and hypothesis generation. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1767-1782.	2.2	48
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