Gerald T Ankley

List of Publications by Year
in descending order

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255 papers	19,301 citations	12330 69 h-index	14759 127 g-index
259 all docs	259 docs citations	259 times ranked	11702 citing authors

#	Article	IF	Citations
1	Linking Mechanistic Effects of Pharmaceuticals and Personal Care Products to Ecologically Relevant Outcomes: A Decade of Progress. Environmental Toxicology and Chemistry, 2024, 43, 537-548.	4.3	4
2	The Ecoâ€Exposome Concept: Supporting an Integrated Assessment of Mixtures of Environmental Chemicals. Environmental Toxicology and Chemistry, 2022, 41, 30-45.	4.3	25
3	A Multidimensional Matrix Model for Predicting the Effects of Maleâ€Biased Sex Ratios on Fish Populations. Environmental Toxicology and Chemistry, 2022, , .	4.3	1
4	Leveraging ToxCast Data and Protein Sequence Conservation to Complement Aquatic Life Criteria Derivation. Integrated Environmental Assessment and Management, 2022, , .	2.9	1
5	Assessing the Ecological Risks of Perâ€•and Polyfluoroalkyl Substances: Current Stateâ€ofâ€the Science and a Proposed Path Forward. Environmental Toxicology and Chemistry, 2021, 40, 564-605.	4.3	166
6	Simultaneous determination of a suite of endogenous steroids by LC-APPI-MS: Application to the identification of endocrine disruptors in aquatic toxicology. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1163, 122513.	2.3	7
7	Assessing effects of aromatase inhibition on fishes with group-synchronous oocyte development using western mosquitofish (Gambusia affinis) as a model. Aquatic Toxicology, 2021, 232, 105741.	4.0	4
8	Case Study in 21st Century Ecotoxicology: Using In Vitro Aromatase Inhibition Data to Predict Shortâ€Term In Vivo Responses in Adult Female Fish. Environmental Toxicology and Chemistry, 2021, 40, 1155-1170.	4.3	11
9	Endogenous Lifecycle Models for Chemical Risk Assessment. Environmental Science & Technology, 2021, 55, 15596-15608.	10.0	6
10	Conversion of Estrone to 17Î²â€Estradiol: A Potential Confounding Factor in Assessing Risks of Environmental Estrogens to Fish. Environmental Toxicology and Chemistry, 2020, 39, 2028-2040.	4.3	6
11	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. Environmental Toxicology and Chemistry, 2020, 39, 1485-1505.	4.3	38
12	A method for CRISPR/Cas9 mutation of genes in fathead minnow (Pimephales promelas). Aquatic Toxicology, 2020, 222, 105464.	4.0	7
13	Toward an AOP Network-Based Tiered Testing Strategy for the Assessment of Thyroid Hormone Disruption. Environmental Science & Technology, 2020, 54, 8491-8499.	10.0	48
14	Adverse Outcome Pathway Networkâ€“Based Assessment of the Interactive Effects of an Androgen Receptor Agonist and an Aromatase Inhibitor on Fish Endocrine Function. Environmental Toxicology and Chemistry, 2020, 39, 913-922.	4.3	15
15	Effect of Thyroperoxidase and Deiodinase Inhibition on Anterior Swim Bladder Inflation in the Zebrafish. Environmental Science & Technology, 2020, 54, 6213-6223.	10.0	31
16	Quantitative Response-Response Relationships Linking Aromatase Inhibition to Decreased Fecundity are Conserved Across Three Fishes with Asynchronous Oocyte Development. Environmental Science & Technology, 2019, 53, 10470-10478.	10.0	22
17	Toward Sustainable Environmental Quality: Priority Research Questions for North America. Environmental Toxicology and Chemistry, 2019, 38, 1606-1624.	4.3	43
18	Prioritizing chemicals of ecological concern in Great Lakes tributaries using high-throughput screening data and adverse outcome pathways. Science of the Total Environment, 2019, 686, 995-1009.	8.0	70

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19	Differential Sensitivity to In Vitro Inhibition of Cytochrome P450 Aromatase (CYP19) Activity Among 18 Freshwater Fishes. Toxicological Sciences, 2019, 170, 394-403.	3.1	16
20	Potential Toxicity of Complex Mixtures in Surface Waters from a Nationwide Survey of United States Streams: Identifying in Vitro Bioactivities and Causative Chemicals. Environmental Science & Technology, 2019, 53, 973-983.	10.0	75
21	Methods of Mutation Efficiency Analysis for CRISPR/Cas9 in Fathead Minnow. FASEB Journal, 2019, 33, 626.3.	0.5	0
22	Estimating Intermittent Individual Spawning Behavior via Disaggregating Group Data. Bulletin of Mathematical Biology, 2018, 80, 687-700.	1.9	1
23	Differentiating Pathway-Specific From Nonspecific Effects in High-Throughput Toxicity Data: A Foundation for Prioritizing Adverse Outcome Pathway Development. Toxicological Sciences, 2018, 163, 500-515.	3.1	43
24	An AOP-based alternative testing strategy to predict the impact of thyroid hormone disruption on swim bladder inflation in zebrafish. Aquatic Toxicology, 2018, 200, 1-12.	4.0	28
25	A critical review of the environmental occurrence and potential effects in aquatic vertebrates of the potent androgen receptor agonist 17Î²â€trenbolone. Environmental Toxicology and Chemistry, 2018, 37, 2064-2078.	4.3	39
26	The adverse outcome pathway: A multifaceted framework supporting 21st century toxicology. Current Opinion in Toxicology, 2018, 9, 1-7.	5.0	79
27	Highâ€resolution mass spectrometry of skin mucus for monitoring physiological impacts and contaminant biotransformation products in fathead minnows exposed to wastewater effluent. Environmental Toxicology and Chemistry, 2018, 37, 788-796.	4.3	22
28	Evidence for Cross Species Extrapolation of Mammalian-Based High-Throughput Screening Assay Results. Environmental Science & Technology, 2018, 52, 13960-13971.	10.0	45
29	Toward sustainable environmental quality: Priority research questions for Europe. Environmental Toxicology and Chemistry, 2018, 37, 2281-2295.	4.3	98
30	Gene transcription ontogeny of hypothalamic-pituitary-thyroid axis development in early-life stage fathead minnow and zebrafish. General and Comparative Endocrinology, 2018, 266, 87-100.	1.8	45
31	Effects of the antimicrobial contaminant triclocarban, and coâ€exposure with the androgen 17Î²â€trenbolone, on reproductive function and ovarian transcriptome of the fathead minnow (Pimephales promelas). Environmental Toxicology and Chemistry, 2017, 36, 231-242.	4.3	18
32	Weight of evidence evaluation of a network of adverse outcome pathways linking activation of the nicotinic acetylcholine receptor in honey bees to colony death. Science of the Total Environment, 2017, 584-585, 751-775.	8.0	45
33	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. Integrated Environmental Assessment and Management, 2017, 13, 267-279.	2.9	38
34	Practical approaches to adverse outcome pathway development and weightâ€ofâ€evidence evaluation as illustrated by ecotoxicological case studies. Environmental Toxicology and Chemistry, 2017, 36, 1429-1449.	4.3	39
35	Advancing the adverse outcome pathway frameworkâ€"An international horizon scanning approach. Environmental Toxicology and Chemistry, 2017, 36, 1411-1421.	4.3	58
36	Derivation and Evaluation of Putative Adverse Outcome Pathways for the Effects of Cyclooxygenase Inhibitors on Reproductive Processes in Female Fish. Toxicological Sciences, 2017, 156, 344-361.	3.1	14

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37	Re-evaluating the Significance of Estrone as an Environmental Estrogen. Environmental Science & Technology, 2017, 51, 4705-4713.	10.0	60
38	Quantitative Adverse Outcome Pathways and Their Application to Predictive Toxicology. Environmental Science & Technology, 2017, 51, 4661-4672.	10.0	155
39	Current limitations and recommendations to improve testing for the environmental assessment of endocrine active substances. Integrated Environmental Assessment and Management, 2017, 13, 302-316.	2.9	35
40	Prior knowledge-based approach for associating contaminants with biological effects: A case study in the St. Croix River basin, MN, WI, USA. Environmental Pollution, 2017, 221, 427-436.	7.5	15
41	How Adverse Outcome Pathways Can Aid the Development and Use of Computational Prediction Models for Regulatory Toxicology. Toxicological Sciences, 2017, 155, 326-336.	3.1	125
42	Firstâ€generation annotations for the fathead minnow (Pimephales promelas) genome. Environmental Toxicology and Chemistry, 2017, 36, 3436-3442.	4.3	18
43	Impaired swim bladder inflation in early life stage fathead minnows exposed to a deiodinase inhibitor, iopanoic acid. Environmental Toxicology and Chemistry, 2017, 36, 2942-2952.	4.3	17
44	Rapid effects of the aromatase inhibitor fadrozole on steroid production and gene expression in the ovary of female fathead minnows (Pimephales promelas). General and Comparative Endocrinology, 2017, 252, 79-87.	1.8	17
45	The Role of Omics in the Application of Adverse Outcome Pathways for Chemical Risk Assessment. Toxicological Sciences, 2017, 158, 252-262.	3.1	161
46	Prioritization of Contaminants of Emerging Concern in Wastewater Treatment Plant Discharges Using Chemical:Gene Interactions in Caged Fish. Environmental Science & Technology, 2017, 51, 8701-8712.	10.0	18
47	An â€œEARâ€•on Environmental Surveillance and Monitoring: A Case Study on the Use of Exposureâ€“Activity Ratios (EARs) to Prioritize Sites, Chemicals, and Bioactivities of Concern in Great Lakes Waters. Environmental Science & Technology, 2017, 51, 8713-8724.	10.0	81
48	An integrated approach for identifying priority contaminant in the Great Lakes Basin â€“ Investigations in the Lower Green Bay/Fox River and Milwaukee Estuary areas of concern. Science of the Total Environment, 2017, 579, 825-837.	8.0	28
49	The Next Generation of Risk Assessment Multi-Year Studyâ€”Highlights of Findings, Applications to Risk Assessment, and Future Directions. Environmental Health Perspectives, 2016, 124, 1671-1682.	6.0	74
50	Predicting Fecundity of Fathead Minnows (Pimephales promelas) Exposed to Endocrine-Disrupting Chemicals Using a MATLABÂ®-Based Model of Oocyte Growth Dynamics. PLoS ONE, 2016, 11, e0146594.	2.5	12
51	Prioritization of pharmaceuticals for potential environmental hazard through leveraging a largeâ€scale mammalian pharmacological dataset. Environmental Toxicology and Chemistry, 2016, 35, 1007-1020.	4.3	43
52	Editorâ€™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. Toxicological Sciences, 2016, 153, 228-245.	3.1	105
53	Pathwayâ€based approaches for assessment of realâ€time exposure to an estrogenic wastewater treatment plant effluent on fathead minnow reproduction. Environmental Toxicology and Chemistry, 2016, 35, 702-716.	4.3	34
54	Linking fieldâ€based metabolomics and chemical analyses to prioritize contaminants of emerging concern in the Great Lakes basin. Environmental Toxicology and Chemistry, 2016, 35, 2493-2502.	4.3	36

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55	Evaluation of the scientific underpinnings for identifying estrogenic chemicals in nonmammalian taxa using mammalian test systems. Environmental Toxicology and Chemistry, 2016, 35, 2806-2816.	4.3	33
56	Environmental surveillance and monitoringâ€"The next frontiers for highâ€‰throughput toxicology. Environmental Toxicology and Chemistry, 2016, 35, 513-525.	4.3	70
57	Sequencing and de novo draft assemblies of a fathead minnow (Pimephales promelas) reference genome. Environmental Toxicology and Chemistry, 2016, 35, 212-217.	4.3	29
58	Computational model of the fathead minnow hypothalamicâ€"pituitaryâ€"gonadal axis: Incorporating protein synthesis in improving predictability of responses to endocrine active chemicals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 183-184, 36-45.	2.6	3
59	Pathway-Based Approaches for Environmental Monitoring and Risk Assessment. Environmental Science & Technology, 2016, 50, 10295-10296.	10.0	12
60	A study of temporal effects of the model anti-androgen flutamide on components of the hypothalamic-pituitary-gonadal axis in adult fathead minnows. Aquatic Toxicology, 2016, 180, 164-172.	4.0	1
61	Editorâ€™s Highlight: Computational Modeling of Plasma Vitellogenin Alterations in Response to Aromatase Inhibition in Fathead Minnows. Toxicological Sciences, 2016, 154, 78-89.	3.1	10
62	Pathway-Based Approaches for Environmental Monitoring and Risk Assessment. Chemical Research in Toxicology, 2016, 29, 1789-1790.	3.3	9
63	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part II: Zebrafish. Aquatic Toxicology, 2016, 173, 204-217.	4.0	56
64	Fish connectivity mapping: linking chemical stressors by their mechanisms of action-driven transcriptomic profiles. BMC Genomics, 2016, 17, 84.	2.8	15
65	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part I: Fathead minnow. Aquatic Toxicology, 2016, 173, 192-203.	4.0	40
66	Linking mechanistic toxicology to population models in forecasting recovery from chemical stress: A case study from Jackfish Bay, Ontario, Canada. Environmental Toxicology and Chemistry, 2015, 34, 1623-1633.	4.3	19
67	The potential of AOP networks for reproductive and developmental toxicity assay development. Reproductive Toxicology, 2015, 56, 52-55.	2.9	88
68	Increasing Scientific Confidence in Adverse Outcome Pathways: Application of Tailored Bradford-Hill Considerations for Evaluating Weight of Evidence. Regulatory Toxicology and Pharmacology, 2015, 72, 514-537.	2.7	198
69	Temporal Changes in Biological Responses and Uncertainty in Assessing Risks of Endocrine-Disrupting Chemicals: Insights from Intensive Time-Course Studies with Fish. Toxicological Sciences, 2015, 144, 259-275.	3.1	51
70	Environmental hormones and their impacts on sex differentiation in fathead minnows. Aquatic Toxicology, 2015, 158, 98-107.	4.0	33
71	Integrated assessment of runoff from livestock farming operations: Analytical chemistry, in vitro bioassays, and in vivo fish exposures. Environmental Toxicology and Chemistry, 2014, 33, 1849-1857.	4.3	40
72	International scientists' priorities for research on pharmaceutical and personal care products in the environment. Integrated Environmental Assessment and Management, 2014, 10, 576-587.	2.9	90

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73	A novel framework for interpretation of data from the fish shortâ€term reproduction assay (FSTRA) for the detection of endocrineâ€disrupting chemicals. Environmental Toxicology and Chemistry, 2014, 33, 2529-2540.	4.3	34
74	An interâ€laboratory study on the variability in measured concentrations of 17Î²â€estradiol, testosterone, and 11â€ketotestosterone in white sucker: Implications and recommendations. Environmental Toxicology and Chemistry, 2014, 33, 847-857.	4.3	18
75	An inexpensive, temporally integrated system for monitoring occurrence and biological effects of aquatic contaminants in the field. Environmental Toxicology and Chemistry, 2014, 33, 1584-1595.	4.3	25
76	Integrated approach to explore the mechanisms of aromatase inhibition and recovery in fathead minnows (Pimephales promelas). General and Comparative Endocrinology, 2014, 203, 193-202.	1.8	17
77	Investigating Alternatives to the fish earlyâ€life stage test: A strategy for discovering and annotating adverse outcome pathways for early fish development. Environmental Toxicology and Chemistry, 2014, 33, 158-169.	4.3	90
78	Leveraging existing data for prioritization of the ecological risks of human and veterinary pharmaceuticals to aquatic organisms. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20140022.	4.0	44
79	Development of an adverse outcome pathway for acetylcholinesterase inhibition leading to acute mortality. Environmental Toxicology and Chemistry, 2014, 33, 2157-2169.	4.3	89
80	Using Transcriptomic Tools to Evaluate Biological Effects Across Effluent Gradients at a Diverse Set of Study Sites in Minnesota, USA. Environmental Science & Technology, 2014, 48, 140127154618004.	10.0	23
81	Transcriptomic Effects-Based Monitoring for Endocrine Active Chemicals: Assessing Relative Contribution of Treated Wastewater to Downstream Pollution. Environmental Science & Technology, 2014, 48, 140110103918000.	10.0	27
82	Natural Variation in Fish Transcriptomes: Comparative Analysis of the Fathead Minnow (Pimephales) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	14
83	Molecular target sequence similarity as a basis for species extrapolation to assess the ecological risk of chemicals with known modes of action. Aquatic Toxicology, 2013, 144-145, 141-154.	4.0	87
84	Interactions between chemical and climate stressors: A role for mechanistic toxicology in assessing climate change risks. Environmental Toxicology and Chemistry, 2013, 32, 32-48.	4.3	278
85	First in a special series: Analysis of the impact of papers published in Environmental Toxicology and Chemistry over the past 30 yearsâ€”an overview and coming attractions. Environmental Toxicology and Chemistry, 2013, 32, 1-6.	4.3	10
86	Effects of the insecticide fipronil on reproductive endocrinology in the fathead minnow. Environmental Toxicology and Chemistry, 2013, 32, 1828-1834.	4.3	23
87	CROSSâ€SPECIES CONSERVATION OF ENDOCRINE PATHWAYS: A CRITICAL ANALYSIS OF TIER 1 FISH AND RAT SCREENING ASSAYS WITH 12 MODEL CHEMICALS. Environmental Toxicology and Chemistry, 2013, 32, 1084-1087.	4.3	57
88	Reproductive Physiology in Eastern Snapping Turtles (Chelydra serpentina) Exposed to Runoff from a Concentrated Animal Feeding Operation. Journal of Wildlife Diseases, 2013, 49, 996-999.	0.8	1
89	Current Perspectives on the Use of Alternative Species in Human Health and Ecological Hazard Assessments. Environmental Health Perspectives, 2013, 121, 1002-1010.	6.0	87
90	Environmental Reviews and Case Studies: Biological Effectsâ€“Based Tools for Monitoring Impacted Surface Waters in the Great Lakes: A Multiagency Program in Support of the Great Lakes Restoration Initiative. Environmental Practice, 2013, 15, 409-426.	0.3	41

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91	Propiconazole Inhibits Steroidogenesis and Reproduction in the Fathead Minnow (Pimephales) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	69
92	Crossâ€species sensitivity to a novel androgen receptor agonist of potential environmental concern, spironolactone. Environmental Toxicology and Chemistry, 2013, 32, 2528-2541.	4.3	39
93	Development of methods to detect occurrence and effects of endocrineâ€disrupting chemicals: Fueling a fundamental shift in regulatory ecotoxicology. Environmental Toxicology and Chemistry, 2013, 32, 2661-2662.	4.3	4
94	Developing Predictive Approaches to Characterize Adaptive Responses of the Reproductive Endocrine Axis to Aromatase Inhibition: I. Data Generation in a Small Fish Model. Toxicological Sciences, 2013, 133, 225-233.	3.1	30
95	Assessment of status of white sucker (Catostomus commersoni) populations exposed to bleached kraft pulp mill effluent. Environmental Toxicology and Chemistry, 2013, 32, 1592-1603.	4.3	13
96	Toward sustainable environmental quality: A call to prioritize global research needs. Integrated Environmental Assessment and Management, 2013, 9, 179-180.	2.9	13
97	Developing Predictive Approaches to Characterize Adaptive Responses of the Reproductive Endocrine Axis to Aromatase Inhibition: II. Computational Modeling. Toxicological Sciences, 2013, 133, 234-247.	3.1	19
98	Pharmaceuticals and Personal Care Products in the Environment: What Are the Big Questions?. Environmental Health Perspectives, 2012, 120, 1221-1229.	6.0	1,033
99	Short-Term Study Investigating the Estrogenic Potency of Diethylstilbesterol in the Fathead Minnow (Pimephales promelas). Environmental Science & Technology, 2012, 46, 7826-7835.	10.0	23
100	A time-course analysis of effects of the steroidogenesis inhibitor ketoconazole on components of the hypothalamic-pituitary-gonadal axis of fathead minnows. Aquatic Toxicology, 2012, 114-115, 88-95.	4.0	42
101	A graphical systems model and tissue-specific functional gene sets to aid transcriptomic analysis of chemical impacts on the female teleost reproductive axis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 746, 151-162.	1.7	20
102	Effects of gemfibrozil on lipid metabolism, steroidogenesis, and reproduction in the fathead minnow (Pimephales promelas). Environmental Toxicology and Chemistry, 2012, 31, 2615-2624.	4.3	38
103	Ecotoxicogenomics to Support Ecological Risk Assessment: A Case Study with Bisphenol A in Fish. Environmental Science & Technology, 2012, 46, 51-59.	10.0	95
104	Fishy Aroma of Social Status: Urinary Chemo-Signalling of Territoriality in Male Fathead Minnows (Pimephales promelas). PLoS ONE, 2012, 7, e46579.	2.5	27
105	Effects of a glucocorticoid receptor agonist, dexamethasone, on fathead minnow reproduction, growth, and development. Environmental Toxicology and Chemistry, 2012, 31, 611-622.	4.3	97
106	A Method for the Determination of Genetic Sex in the Fathead Minnow, Pimephales promelas, To Support Testing of Endocrine-Active Chemicals. Environmental Science & Technology, 2011, 45, 3090-3095.	10.0	19
107	Proteomic analysis of zebrafish brain tissue following exposure to the pesticide prochloraz. Aquatic Toxicology, 2011, 105, 618-628.	4.0	25
108	A computational model for asynchronous oocyte growth dynamics in a batch-spawning fish. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1528-1538.	1.4	18

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109	Gene expression profiling of the androgen receptor antagonists flutamide and vinclozolin in zebrafish (Danio rerio) gonads. Aquatic Toxicology, 2011, 101, 447-458.	4.0	50
110	Effects of a short-term exposure to the fungicide prochloraz on endocrine function and gene expression in female fathead minnows (Pimephales promelas). Aquatic Toxicology, 2011, 103, 170-178.	4.0	57
111	Transcriptional regulatory dynamics of the hypothalamicâ€“pituitaryâ€“gonadal axis and its peripheral pathways as impacted by the 3-beta HSD inhibitor trilostane in zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2011, 74, 1461-1470.	6.0	14
112	A computational model of the hypothalamic - pituitary - gonadal axis in female fathead minnows (Pimephales promelas) exposed to 17Î±-ethynylestradiol and 17Î²-trenbolone. BMC Systems Biology, 2011, 5, 63.	3.0	34
113	Adverse outcome pathways and ecological risk assessment: Bridging to populationâ€level effects. Environmental Toxicology and Chemistry, 2011, 30, 64-76.	4.3	195
114	Screening complex effluents for estrogenic activity with the T47Dâ€KBluc cell bioassay: Assay optimization and comparison with in vivo responses in fish. Environmental Toxicology and Chemistry, 2011, 30, 439-445.	4.3	31
115	Use of gene expression, biochemical and metabolite profiles to enhance exposure and effects assessment of the model androgen 17Î²â€trenbolone in fish. Environmental Toxicology and Chemistry, 2011, 30, 319-329.	4.3	44
116	Temporal evaluation of effects of a model 3Î²â€hydroxysteroid dehydrogenase inhibitor on endocrine function in the fathead minnow. Environmental Toxicology and Chemistry, 2011, 30, 2094-2102.	4.3	14
117	Characterization of the androgenâ€sensitive MDAâ€kb2 cell line for assessing complex environmental mixtures. Environmental Toxicology and Chemistry, 2010, 29, 1367-1376.	4.3	30
118	Adverse outcome pathways: A conceptual framework to support ecotoxicology research and risk assessment. Environmental Toxicology and Chemistry, 2010, 29, 730-741.	4.3	2,072
119	Multiâ€criteria decision analysis of test endpoints for detecting the effects of endocrine active substances in fish full life cycle tests. Integrated Environmental Assessment and Management, 2010, 6, 378-389.	2.9	12
120	Impacts of an Anti-Androgen and an Androgen/Anti-Androgen Mixture on the Metabolite Profile of Male Fathead Minnow Urine. Environmental Science & Technology, 2010, 44, 6881-6886.	10.0	43
121	I. Effects of a dopamine receptor antagonist on fathead minnow, Pimephales promelas, reproduction. Ecotoxicology and Environmental Safety, 2010, 73, 472-477.	6.0	17
122	II: Effects of a dopamine receptor antagonist on fathead minnow dominance behavior and ovarian gene expression in the fathead minnow and zebrafish. Ecotoxicology and Environmental Safety, 2010, 73, 478-485.	6.0	15
123	A transcriptomics-based biological framework for studying mechanisms of endocrine disruption in small fish species. Aquatic Toxicology, 2010, 98, 230-244.	4.0	35
124	Influence of ovarian stage on transcript profiles in fathead minnow (Pimephales promelas) ovary tissue. Aquatic Toxicology, 2010, 98, 354-366.	4.0	40
125	Use of chemical mixtures to differentiate mechanisms of endocrine action in a small fish model. Aquatic Toxicology, 2010, 99, 389-396.	4.0	43
126	Direct Effects, Compensation, and Recovery in Female Fathead Minnows Exposed to a Model Aromatase Inhibitor. Environmental Health Perspectives, 2009, 117, 624-631.	6.0	90

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127	Dynamic Nature of Alterations in the Endocrine System of Fathead Minnows Exposed to the Fungicide Prochloraz. Toxicological Sciences, 2009, 112, 344-353.	3.1	72
128	A Computational Model of the Hypothalamic-Pituitary-Gonadal Axis in Male Fathead Minnows Exposed to 17Î±-Ethinylestradiol and 17Î²-Estradiol. Toxicological Sciences, 2009, 109, 180-192.	3.1	37
129	Profiling lipid metabolites yields unique information on sex- and time-dependent responses of fathead minnows (PimephalesÂpromelas) exposed to 17Î±-ethynylestradiol. Metabolomics, 2009, 5, 22-32.	3.0	60
130	Expression Signatures for a Model Androgen and Antiandrogen in the Fathead Minnow (Pimephales) Tj ETQq0 0 0 rgBT /Overlock 10	10.0	48
131	Quantitative Proteomic Profiles of Androgen Receptor Signaling in the Liver of Fathead Minnows (Pimephales promelas). Journal of Proteome Research, 2009, 8, 2186-2200.	3.7	49
132	Hypoxia alters gene expression in the gonads of zebrafish (Danio rerio)â˜†â˜†â˜†â—Š. Aquatic Toxicology, 2009, 95, 258-272.	4.0	68
133	Endocrine disrupting chemicals in fish: Developing exposure indicators and predictive models of effects based on mechanism of action. Aquatic Toxicology, 2009, 92, 168-178.	4.0	234
134	DOING MORE WITH LESS: EFFECTIVE RESEARCH AND PEER REVIEW. Integrated Environmental Assessment and Management, 2009, 5, 712.	2.9	1
135	Perturbation of gene expression and steroidogenesis with in vitro exposure of fathead minnow ovaries to ketoconazole. Marine Environmental Research, 2008, 66, 113-115.	2.5	9
136	Relationship of plasma sex steroid concentrations in female fathead minnows to reproductive success and population status. Aquatic Toxicology, 2008, 88, 69-74.	4.0	57
137	Of Mice and Men (and Mosquitofish): Antiandrogens and Androgens in the Environment. BioScience, 2008, 58, 1037-1050.	4.9	27
138	Temporal Variation in the Estrogenicity of a Sewage Treatment Plant Effluent and Its Biological Significance. Environmental Science & Technology, 2008, 42, 3421-3427.	10.0	54
139	Fifteen Years after â€œWingspreadâ€â€”Environmental Endocrine Disrupters and Human and Wildlife Health: Where We are Today and Where We Need to Go. Toxicological Sciences, 2008, 105, 235-259.	3.1	408
140	Effects of a 3Î²-Hydroxysteroid Dehydrogenase Inhibitor, Trilostane, on the Fathead Minnow Reproductive Axis. Toxicological Sciences, 2008, 104, 113-123.	3.1	58
141	Computational Toxicologyâ€”A State of the Science Mini Review. Toxicological Sciences, 2008, 103, 14-27.	3.1	152
142	Sensitivity of Fetal Rat Testicular Steroidogenesis to Maternal Prochloraz Exposure and the Underlying Mechanism of Inhibition. Toxicological Sciences, 2007, 97, 512-519.	3.1	49
143	Transcription of Key Genes Regulating Gonadal Steroidogenesis in Control and Ketoconazole- or Vinclozolin-Exposed Fathead Minnows. Toxicological Sciences, 2007, 98, 395-407.	3.1	83
144	Comparison of fathead minnow ovary explant and H295R cell-based steroidogenesis assays for identifying endocrine-active chemicals. Ecotoxicology and Environmental Safety, 2007, 68, 20-32.	6.0	66

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145	What is normal? A characterization of the values and variability in reproductive endpoints of the fathead minnow, Pimephales promelas. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 348-356.	2.6	35
146	Repeating History: Pharmaceuticals in the Environment. Environmental Science & Technology, 2007, 41, 8211-8217.	10.0	337
147	A Graphical Systems Model to Facilitate Hypothesis-Driven Ecotoxicogenomics Research on the Teleost Brainâ^'Pituitaryâ^'Gonadal Axis. Environmental Science & Technology, 2007, 41, 321-330.	10.0	112
148	LINKAGE OF BIOCHEMICAL RESPONSES TO POPULATION-LEVEL EFFECTS: A CASE STUDY WITH VITELLOGENIN IN THE FATHEAD MINNOW (PIMEPHALES PROMELAS). Environmental Toxicology and Chemistry, 2007, 26, 521.	4.3	198
149	Ketoconazole in the fathead minnow (Pimephales promelas): Reproductive toxicity and biological compensation. Environmental Toxicology and Chemistry, 2007, 26, 1214-1223.	4.3	118
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