Travis Saari

List of Publications by Year
in descending order

27 papers	1,155 citations	361045 20 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	1848 citing authors

#	Article	IF	Citations
1	Toward an AOP Network-Based Tiered Testing Strategy for the Assessment of Thyroid Hormone Disruption. Environmental Science & Technology, 2020, 54, 8491-8499.	4.6	48
2	Effect of Thyroperoxidase and Deiodinase Inhibition on Anterior Swim Bladder Inflation in the Zebrafish. Environmental Science & Technology, 2020, 54, 6213-6223.	4.6	31
3	Optimizing the Use of Zebrafish Feeding Trials for the Safety Evaluation of Genetically Modified Crops. International Journal of Molecular Sciences, 2019, 20, 1472.	1.8	3
4	Thyroid Hormone Disruptors Interfere with Molecular Pathways of Eye Development and Function in Zebrafish. International Journal of Molecular Sciences, 2019, 20, 1543.	1.8	31
5	Advancing the Zebrafish embryo test for endocrine disruptor screening using microâ€injection: Ethinyl estradiol as a case study. Environmental Toxicology and Chemistry, 2019, 38, 533-547.	2.2	6
6	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.	1.9	28
7	From mRNA Expression of Drug Disposition Genes to In Vivo Assessment of CYP-Mediated Biotransformation during Zebrafish Embryonic and Larval Development. International Journal of Molecular Sciences, 2018, 19, 3976.	1.8	22
8	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.	0.8	45
9	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.	2.2	17
10	Adverse outcome pathways: a concise introduction for toxicologists. Archives of Toxicology, 2017, 91, 3697-3707.	1.9	103
11	Evaluating Complex Mixtures in the Zebrafish Embryo by Reconstituting Field Water Samples: A Metal Pollution Case Study. International Journal of Molecular Sciences, 2017, 18, 539.	1.8	13
12	Prioritization of contaminated watercourses using an integrated biomarker approach in caged carp. Water Research, 2016, 99, 129-139.	5.3	11
13	Transcriptional Analysis of The Adaptive Digestive System of The Migratory Locust in Response to Plant Defensive Protease Inhibitors. Scientific Reports, 2016, 6, 32460.	1.6	19
14	Deiodinase knockdown affects zebrafish eye development at the level of gene expression, morphology and function. Molecular and Cellular Endocrinology, 2016, 424, 81-93.	1.6	48
15	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part II: Zebrafish. Aquatic Toxicology, 2016, 173, 204-217.	1.9	56
16	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part I: Fathead minnow. Aquatic Toxicology, 2016, 173, 192-203.	1.9	40
17	Deiodinase Knockdown during Early Zebrafish Development Affects Growth, Development, Energy Metabolism, Motility and Phototransduction. PLoS ONE, 2015, 10, e0123285.	1.1	50
18	Optimisation of the Bovine Whole In Vitro Embryo System as a Sentinel for Toxicity Screening: A Cadmium Challenge. ATLA Alternatives To Laboratory Animals, 2015, 43, 89-100.	0.7	4

#	Article	IF	Citations
19	The potential of AOP networks for reproductive and developmental toxicity assay development. Reproductive Toxicology, 2015, 56, 52-55.	1.3	88
20	A high throughput passive dosing format for the Fish Embryo Acute Toxicity test. Chemosphere, 2015, 139, 9-17.	4.2	39
21	Drought Induces Distinct Growth Response, Protection, and Recovery Mechanisms in the Maize Leaf Growth Zone. Plant Physiology, 2015, 169, 1382-1396.	2.3	178
22	Gene transcription patterns and energy reserves in Daphnia magna show no nanoparticle specific toxicity when exposed to ZnO and CuO nanoparticles.. Environmental Research, 2015, 138, 82-92.	3.7	41
23	Toxicogenomics in the 3T3-L1 Cell Line, a New Approach for Screening of Obesogenic Compounds. Toxicological Sciences, 2014, 140, 352-363.	1.4	40
24	Assessing the impact of thermal acclimation on physiological condition in the zebrafish model. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 109-121.	0.7	21
25	Hypothermal and hyperthermal acclimation differentially modulate cadmium accumulation and toxicity in the zebrafish. Chemosphere, 2013, 91, 521-529.	4.2	29
26	Temperature dependence of long-term cadmium toxicity in the zebrafish is not explained by liver oxidative stress: Evidence from transcript expression to physiology. Aquatic Toxicology, 2013, 126, 52-62.	1.9	52
27	Long-term warm or cold acclimation elicits a specific transcriptional response and affects energy metabolism in zebrafish. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 149-157.	0.8	92