

Travis Saari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1706626/publications.pdf>

Version: 2024-02-01

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	Drought Induces Distinct Growth Response, Protection, and Recovery Mechanisms in the Maize Leaf Growth Zone. <i>Plant Physiology</i> , 2015, 169, 1382-1396.	2.3	178
2	Adverse outcome pathways: a concise introduction for toxicologists. <i>Archives of Toxicology</i> , 2017, 91, 3697-3707.	1.9	103
3	Long-term warm or cold acclimation elicits a specific transcriptional response and affects energy metabolism in zebrafish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, 149-157.	0.8	92
4	The potential of AOP networks for reproductive and developmental toxicity assay development. <i>Reproductive Toxicology</i> , 2015, 56, 52-55.	1.3	88
5	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
6	Temperature dependence of long-term cadmium toxicity in the zebrafish is not explained by liver oxidative stress: Evidence from transcript expression to physiology. <i>Aquatic Toxicology</i> , 2013, 126, 52-62.	1.9	52
7	Deiodinase Knockdown during Early Zebrafish Development Affects Growth, Development, Energy Metabolism, Motility and Phototransduction. <i>PLoS ONE</i> , 2015, 10, e0123285.	1.1	50
8	Deiodinase knockdown affects zebrafish eye development at the level of gene expression, morphology and function. <i>Molecular and Cellular Endocrinology</i> , 2016, 424, 81-93.	1.6	48
9	Toward an AOP Network-Based Tiered Testing Strategy for the Assessment of Thyroid Hormone Disruption. <i>Environmental Science & Technology</i> , 2020, 54, 8491-8499.	4.6	48
10	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
11	Gene transcription patterns and energy reserves in <i>Daphnia magna</i> show no nanoparticle specific toxicity when exposed to ZnO and CuO nanoparticles.. <i>Environmental Research</i> , 2015, 138, 82-92.	3.7	41
12	Toxicogenomics in the 3T3-L1 Cell Line, a New Approach for Screening of Obesogenic Compounds. <i>Toxicological Sciences</i> , 2014, 140, 352-363.	1.4	40
13	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
14	A high throughput passive dosing format for the Fish Embryo Acute Toxicity test. <i>Chemosphere</i> , 2015, 139, 9-17.	4.2	39
15	Thyroid Hormone Disruptors Interfere with Molecular Pathways of Eye Development and Function in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1543.	1.8	31
16	Effect of Thyroperoxidase and Deiodinase Inhibition on Anterior Swim Bladder Inflation in the Zebrafish. <i>Environmental Science & Technology</i> , 2020, 54, 6213-6223.	4.6	31
17	Hypothermal and hyperthermal acclimation differentially modulate cadmium accumulation and toxicity in the zebrafish. <i>Chemosphere</i> , 2013, 91, 521-529.	4.2	29
18	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

#	ARTICLE	IF	CITATIONS
19	From mRNA Expression of Drug Disposition Genes to In Vivo Assessment of CYP-Mediated Biotransformation during Zebrafish Embryonic and Larval Development. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3976.	1.8	22
20	Assessing the impact of thermal acclimation on physiological condition in the zebrafish model. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 109-121.	0.7	21
21	Transcriptional Analysis of The Adaptive Digestive System of The Migratory Locust in Response to Plant Defensive Protease Inhibitors. <i>Scientific Reports</i> , 2016, 6, 32460.	1.6	19
22	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
23	Evaluating Complex Mixtures in the Zebrafish Embryo by Reconstituting Field Water Samples: A Metal Pollution Case Study. <i>International Journal of Molecular Sciences</i> , 2017, 18, 539.	1.8	13
24	Prioritization of contaminated watercourses using an integrated biomarker approach in caged carp. <i>Water Research</i> , 2016, 99, 129-139.	5.3	11
25	Advancing the Zebrafish embryo test for endocrine disruptor screening using microinjection: Ethinyl estradiol as a case study. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 533-547.	2.2	6
26	Optimisation of the Bovine Whole In Vitro Embryo System as a Sentinel for Toxicity Screening: A Cadmium Challenge. <i>ATLA Alternatives To Laboratory Animals</i> , 2015, 43, 89-100.	0.7	4
27	Optimizing the Use of Zebrafish Feeding Trials for the Safety Evaluation of Genetically Modified Crops. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1472.	1.8	3