

You Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1688208/publications.pdf>

Version: 2024-02-01

34
papers

854
citations

516215

16
h-index

500791

28
g-index

34
all docs

34
docs citations

34
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregate exposure pathways for microplastics (mpAEP): An evidence-based framework to identify research and regulatory needs. <i>Water Research</i> , 2022, 209, 117873.	5.3	5
2	Ultraviolet B modulates gamma radiation-induced stress responses in <i>Lemna minor</i> at multiple levels of biological organisation. <i>Science of the Total Environment</i> , 2022, 846, 157457.	3.9	6
3	High-throughput analyses and Bayesian network modeling highlight novel epigenetic Adverse Outcome Pathway networks of DNA methyltransferase inhibitor mediated transgenerational effects. <i>Journal of Hazardous Materials</i> , 2021, 408, 124490.	6.5	7
4	AOP Report: Inhibition of Chitin Synthase 1 Leading to Increased Mortality in Arthropods. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2112-2120.	2.2	14
5	Uranium accumulation and toxicokinetics in the crustacean <i>Daphnia magna</i> provide perspective to toxicodynamic responses. <i>Aquatic Toxicology</i> , 2021, 235, 105836.	1.9	6
6	Susceptibility of polar cod (<i>Boreogadus saida</i>) to a model carcinogen. <i>Marine Environmental Research</i> , 2021, 170, 105434.	1.1	0
7	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
8	Integrative assessment of low-dose gamma radiation effects on <i>Daphnia magna</i> reproduction: Toxicity pathway assembly and AOP development. <i>Science of the Total Environment</i> , 2020, 705, 135912.	3.9	36
9	Effects of artificial ultraviolet B radiation on the macrophyte <i>Lemna minor</i> : a conceptual study for toxicity pathway characterization. <i>Planta</i> , 2020, 252, 86.	1.6	7
10	De Novo Development of a Quantitative Adverse Outcome Pathway (qAOP) Network for Ultraviolet B (UVB) Radiation Using Targeted Laboratory Tests and Automated Data Mining. <i>Environmental Science & Technology</i> , 2020, 54, 13147-13156.	4.6	22
11	Epigenetic, transcriptional and phenotypic responses in <i>Daphnia magna</i> exposed to low-level ionizing radiation. <i>Environmental Research</i> , 2020, 190, 109930.	3.7	10
12	In silico site-directed mutagenesis of the <i>Daphnia magna</i> ecdysone receptor identifies critical amino acids for species-specific and inter-species differences in agonist binding. <i>Computational Toxicology</i> , 2019, 12, 100091.	1.8	3
13	Epigenetic, transcriptional and phenotypic responses in two generations of <i>Daphnia magna</i> exposed to the DNA methylation inhibitor 5-azacytidine. <i>Environmental Epigenetics</i> , 2019, 5, dvz016.	0.9	28
14	Modes of action and adverse effects of gamma radiation in an aquatic macrophyte <i>Lemna minor</i> . <i>Science of the Total Environment</i> , 2019, 680, 23-34.	3.9	36
15	Transcriptomic analysis reveals dose-dependent modes of action of benzo(a)pyrene in polar cod (<i>Boreogadus saida</i>). <i>Science of the Total Environment</i> , 2019, 653, 176-189.	3.9	23
16	Linking mode of action of the model respiratory and photosynthesis uncoupler 3,5-dichlorophenol to adverse outcomes in <i>Lemna minor</i> . <i>Aquatic Toxicology</i> , 2018, 197, 98-108.	1.9	17
17	Deciphering the Combined Effects of Environmental Stressors on Gene Transcription: A Conceptual Approach. <i>Environmental Science & Technology</i> , 2018, 52, 5479-5489.	4.6	20
18	Gamma radiation induces dose-dependent oxidative stress and transcriptional alterations in the freshwater crustacean <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2018, 628-629, 206-216.	3.9	27

#	ARTICLE	IF	CITATIONS
19	Ecdysteroid and juvenile hormone biosynthesis, receptors and their signaling in the freshwater microcrustacean <i>Daphnia</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 184, 62-68.	1.2	46
20	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
21	Ecdysone Receptor Agonism Leading to Lethal Molting Disruption in Arthropods: Review and Adverse Outcome Pathway Development. <i>Environmental Science & Technology</i> , 2017, 51, 4142-4157.	4.6	99
22	Mortality and transcriptional effects of inorganic mercury in the marine copepod <i>Calanus finmarchicus</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 845-861.	1.1	11
23	Release of chitinase as an indicator of potential molting disruption in juvenile <i>Daphnia magna</i> exposed to the ecdysone receptor agonist 20-hydroxyecdysone. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 954-962.	1.1	16
24	Hepatic transcriptional responses in Atlantic salmon (<i>Salmo salar</i>) exposed to gamma radiation and depleted uranium singly and in combination. <i>Science of the Total Environment</i> , 2016, 562, 270-279.	3.9	16
25	Whole-Organism Transcriptomic Analysis Provides Mechanistic Insight into the Acute Toxicity of Emamectin Benzoate in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2016, 50, 11994-12003.	4.6	35
26	Individual and molecular level effects of produced water contaminants on nauplii and adult females of <i>Calanus finmarchicus</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 585-601.	1.1	19
27	17 β -Ethinylestradiol (EE2) effect on global gene expression in primary rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 22	1.9	31
28	Transcriptional changes in Atlantic salmon (<i>Salmo salar</i>) after embryonic exposure to road salt. <i>Aquatic Toxicology</i> , 2015, 169, 58-68.	1.9	12
29	Hepatic transcriptomic profiling reveals early toxicological mechanisms of uranium in Atlantic salmon (<i>Salmo salar</i>). <i>BMC Genomics</i> , 2014, 15, 694.	1.2	35
30	Dose-dependent hepatic transcriptional responses in Atlantic salmon (<i>Salmo salar</i>) exposed to sublethal doses of gamma radiation. <i>Aquatic Toxicology</i> , 2014, 156, 52-64.	1.9	17
31	Environmental risk assessment of combined effects in aquatic ecotoxicology: A discussion paper. <i>Marine Environmental Research</i> , 2014, 96, 81-91.	1.1	140
32	Global transcriptional analysis of short-term hepatic stress responses in Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.3	2
33	Early stress responses in Atlantic salmon (<i>Salmo salar</i>) exposed to environmentally relevant concentrations of uranium. <i>Aquatic Toxicology</i> , 2012, 112-113, 62-71.	1.9	43
34	Hepatic gene expression profile in brown trout (<i>Salmo trutta</i>) exposed to traffic related contaminants. <i>Science of the Total Environment</i> , 2011, 409, 1430-1443.	3.9	17