

# You Song

## List of Publications by Year in descending order

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34  
papers

854  
citations

516561

16  
h-index

501076

28  
g-index

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all docs

34  
docs citations

34  
times ranked

1300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental risk assessment of combined effects in aquatic ecotoxicology: A discussion paper. <i>Marine Environmental Research</i> , 2014, 96, 81-91.	1.1	140
2	Ecdysone Receptor Agonism Leading to Lethal Molting Disruption in Arthropods: Review and Adverse Outcome Pathway Development. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4142-4157.	4.6	99
3	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
4	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
5	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
6	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
7	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
8	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
9	Whole-Organism Transcriptomic Analysis Provides Mechanistic Insight into the Acute Toxicity of Emamectin Benzoate in <i>Daphnia magna</i> . <i>Environmental Science &amp; Technology</i> , 2016, 50, 11994-12003.	4.6	35
10	17 $\beta$ -Ethinylestradiol (EE2) effect on global gene expression in primary rainbow trout ( <i>Oncorhynchus tshawytscha</i> ). <i>Environmental Science &amp; Technology</i> , 2019, 53, 1000-1010.	1.9	31
11	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
12	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
13	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
14	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 &amp; Technology</i> , 2020, 54, 13147-13156.	4.6	22
15	Deciphering the Combined Effects of Environmental Stressors on Gene Transcription: A Conceptual Approach. <i>Environmental Science &amp; Technology</i> , 2018, 52, 5479-5489.	4.6	20
16	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
17	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
18	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

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19	Linking mode of action of the model respiratory and photosynthesis uncoupler 3,5-dichlorophenol to adverse outcomes in Lemna minor. Aquatic Toxicology, 2018, 197, 98-108.	1.9	17
20	Hepatic transcriptional responses in Atlantic salmon ( <i>Salmo salar</i> ) exposed to gamma radiation and depleted uranium singly and in combination. Science of the Total Environment, 2016, 562, 270-279.	3.9	16
21	Release of chitinase as an indicator of potential molting disruption in juvenile <i>Daphnia magna</i> exposed to the ecdysone receptor agonist 20-hydroxyecdysone. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 954-962.	1.1	16
22	AOP Report: Inhibition of Chitin Synthase 1 Leading to Increased Mortality in Arthropods. Environmental Toxicology and Chemistry, 2021, 40, 2112-2120.	2.2	14
23	Transcriptional changes in Atlantic salmon ( <i>Salmo salar</i> ) after embryonic exposure to road salt. Aquatic Toxicology, 2015, 169, 58-68.	1.9	12
24	Mortality and transcriptional effects of inorganic mercury in the marine copepod <i>Calanus finmarchicus</i> . Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 845-861.	1.1	11
25	Epigenetic, transcriptional and phenotypic responses in <i>Daphnia magna</i> exposed to low-level ionizing radiation. Environmental Research, 2020, 190, 109930.	3.7	10
26	AOP Report: Uncoupling of Oxidative Phosphorylation Leading to Growth Inhibition via Decreased Cell Proliferation. Environmental Toxicology and Chemistry, 2021, 40, 2959-2967.	2.2	9
27	Effects of artificial ultraviolet B radiation on the macrophyte Lemna minor: a conceptual study for toxicity pathway characterization. Planta, 2020, 252, 86.	1.6	7
28	High-throughput analyses and Bayesian network modeling highlight novel epigenetic Adverse Outcome Pathway networks of DNA methyltransferase inhibitor mediated transgenerational effects. Journal of Hazardous Materials, 2021, 408, 124490.	6.5	7
29	Uranium accumulation and toxicokinetics in the crustacean <i>Daphnia magna</i> provide perspective to toxicodynamic responses. Aquatic Toxicology, 2021, 235, 105836.	1.9	6
30	Ultraviolet B modulates gamma radiation-induced stress responses in Lemna minor at multiple levels of biological organisation. Science of the Total Environment, 2022, 846, 157457.	3.9	6
31	Aggregate exposure pathways for microplastics (mpAEP): An evidence-based framework to identify research and regulatory needs. Water Research, 2022, 209, 117873.	5.3	5
32	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. Computational Toxicology, 2019, 12, 100091.	1.8	3
33	Global transcriptional analysis of short-term hepatic stress responses in Atlantic salmon ( <i>Salmo</i> ) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	1.3	2
34	Susceptibility of polar cod ( <i>Boreogadus saida</i> ) to a model carcinogen. Marine Environmental Research, 2021, 170, 105434.	1.1	0