# You Song

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 34 papers | 854 citations | 516710 16 h-index | 501196 28 g-index |
| 34 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. Marine Environmental Research, 2014, 96, 81-91. | 2.5 | 140 |
| 2 | Ecdysone Receptor Agonism Leading to Lethal Molting Disruption in Arthropods: Review and Adverse Outcome Pathway Development. Environmental Science & Technology, 2017, 51, 4142-4157. | 10.0 | 99 |
| 3 | Ecdysteroid and juvenile hormone biosynthesis, receptors and their signaling in the freshwater microcrustacean Daphnia. Journal of Steroid Biochemistry and Molecular Biology, 2018, 184, 62-68. | 2.5 | 46 |
| 4 | Early stress responses in Atlantic salmon (Salmo salar) exposed to environmentally relevant concentrations of uranium. Aquatic Toxicology, 2012, 112-113, 62-71. | 4.0 | 43 |
| 5 | 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 |
| 6 | Modes of action and adverse effects of gamma radiation in an aquatic macrophyte Lemna minor. Science of the Total Environment, 2019, 680, 23-34. | 8.0 | 36 |
| 7 | Integrative assessment of low-dose gamma radiation effects on Daphnia magna reproduction: Toxicity pathway assembly and AOP development. Science of the Total Environment, 2020, 705, 135912. | 8.0 | 36 |
| 8 | Hepatic transcriptomic profiling reveals early toxicological mechanisms of uranium in Atlantic salmon (Salmo salar). BMC Genomics, 2014, 15, 694. | 2.8 | 35 |
| 9 | Whole-Organism Transcriptomic Analysis Provides Mechanistic Insight into the Acute Toxicity of Emamectin Benzoate in Daphnia magna. Environmental Science & Technology, 2016, 50, 11994-12003. | 10.0 | 35 |
| 10 | 17Î±-Ethinylestradiol (EE2) effect on global gene expression in primary rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 4.0 | 31 |
| 11 | Epigenetic, transcriptional and phenotypic responses in two generations of Daphnia magna exposed to the DNA methylation inhibitor 5-azacytidine. Environmental Epigenetics, 2019, 5, dvz016. | 1.8 | 28 |
| 12 | Gamma radiation induces dose-dependent oxidative stress and transcriptional alterations in the freshwater crustacean Daphnia magna. Science of the Total Environment, 2018, 628-629, 206-216. | 8.0 | 27 |
| 13 | Transcriptomic analysis reveals dose-dependent modes of action of benzo(a)pyrene in polar cod (Boreogadus saida). Science of the Total Environment, 2019, 653, 176-189. | 8.0 | 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. Environmental Science & Technology, 2020, 54, 13147-13156. | 10.0 | 22 |
| 15 | Deciphering the Combined Effects of Environmental Stressors on Gene Transcription: A Conceptual Approach. Environmental Science & Technology, 2018, 52, 5479-5489. | 10.0 | 20 |
| 16 | Individual and molecular level effects of produced water contaminants on nauplii and adult females of Calanus finmarchicus. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 585-601. | 2.3 | 19 |
| 17 | Hepatic gene expression profile in brown trout (Salmo trutta) exposed to traffic related contaminants. Science of the Total Environment, 2011, 409, 1430-1443. | 8.0 | 17 |
| 18 | Dose-dependent hepatic transcriptional responses in Atlantic salmon (Salmo salar) exposed to sublethal doses of gamma radiation. Aquatic Toxicology, 2014, 156, 52-64. | 4.0 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 4.0 | 17 |
| 20 | Hepatic transcriptional responses in Atlantic salmon (Salmo salar) exposed to gamma radiation and depleted uranium singly and in combination. Science of the Total Environment, 2016, 562, 270-279. | 8.0 | 16 |
| 21 | Release of chitobiase as an indicator of potential molting disruption in juvenile Daphnia magna exposed to the ecdysone receptor agonist 20-hydroxyecdysone. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 954-962. | 2.3 | 16 |
| 22 | AOP Report: Inhibition of Chitin Synthase 1 Leading to Increased Mortality in Arthropods. Environmental Toxicology and Chemistry, 2021, 40, 2112-2120. | 4.3 | 14 |
| 23 | Transcriptional changes in Atlantic salmon (Salmo salar) after embryonic exposure to road salt. Aquatic Toxicology, 2015, 169, 58-68. | 4.0 | 12 |
| 24 | Mortality and transcriptional effects of inorganic mercury in the marine copepod Calanus finmarchicus. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 845-861. | 2.3 | 11 |
| 25 | Epigenetic, transcriptional and phenotypic responses in Daphnia magna exposed to low-level ionizing radiation. Environmental Research, 2020, 190, 109930. | 7.5 | 10 |
| 26 | AOP Report: Uncoupling of Oxidative Phosphorylation Leading to Growth Inhibition via Decreased Cell Proliferation. Environmental Toxicology and Chemistry, 2021, 40, 2959-2967. | 4.3 | 9 |
| 27 | Effects of artificial ultraviolet B radiation on the macrophyte Lemna minor: a conceptual study for toxicity pathway characterization. Planta, 2020, 252, 86. | 3.2 | 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. | 12.4 | 7 |
| 29 | Uranium accumulation and toxicokinetics in the crustacean Daphnia magna provide perspective to toxicodynamic responses. Aquatic Toxicology, 2021, 235, 105836. | 4.0 | 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. | 8.0 | 6 |
| 31 | Aggregate exposure pathways for microplastics (mpAEP): An evidence-based framework to identify research and regulatory needs. Water Research, 2022, 209, 117873. | 11.3 | 5 |
| 32 | In silico site-directed mutagenesis of the Daphnia magna ecdysone receptor identifies critical amino acids for species-specific and inter-species differences in agonist binding. Computational Toxicology, 2019, 12, 100091. | 3.3 | 3 |
| 33 | Global transcriptional analysis of short-term hepatic stress responses in Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.3 | 2 |
| 34 | Susceptibility of polar cod (Boreogadus saida) to a model carcinogen. Marine Environmental Research, 2021, 170, 105434. | 2.5 | 0 |