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List of Publications by Year
in descending order

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Version: 2024-02-01

25 papers	951 citations	430843 18 h-index	580810 25 g-index
25 all docs	25 docs citations	25 times ranked	847 citing authors

#	Article	IF	Citations
1	How to thrive in unstable environments: Gene expression profile of a riparian earthworm under abiotic stress. Science of the Total Environment, 2022, 817, 152749.	8.0	2
2	Characterization of the detrimental effects of type IV glandular trichomes on the aphid Macrosiphum euphorbiae in tomato. Pest Management Science, 2021, 77, 4117-4127.	3.4	10
3	Genotoxic effects and transcriptional deregulation of genetic biomarkers in Chironomus riparius larvae exposed to hydroxyl- and amine-terminated generation 3 (G3) polyamidoamine (PAMAM) dendrimers. Science of the Total Environment, 2021, 774, 145828.	8.0	1
4	Single and mixed exposure to cadmium and mercury in Drosophila melanogaster: Molecular responses and impact on post-embryonic development. Ecotoxicology and Environmental Safety, 2021, 220, 112377.	6.0	12
5	Intergenerational Patterns of DNA Methylation in Procambarus clarkii Following Exposure to Genotoxicants: A Conjugation in Past Simple or Past Continuous?. Toxics, 2021, 9, 271.	3.7	4
6	Exposure to heavy metal-contaminated sediments disrupts gene expression, lipid profile, and life history traits in the midge Chironomus riparius. Water Research, 2020, 168, 115165.	11.3	39
7	Complex patterns in tolerance and resistance to pests and diseases underpin the domestication of tomato. New Phytologist, 2020, 226, 254-266.	7.3	24
8	Prodiamesa olivacea: de novo biomarker genes in a potential sentinel organism for ecotoxicity studies in natural scenarios. Aquatic Toxicology, 2020, 227, 105593.	4.0	3
9	Developmental/reproductive effects and gene expression variations in Chironomus riparius after exposure to reclaimed water and its fortification with carbamazepine and triclosan. Water Research, 2020, 178, 115790.	11.3	7
10	Chironomus riparius exposure to field-collected contaminated sediments: From subcellular effect to whole-organism response. Science of the Total Environment, 2019, 671, 874-882.	8.0	34
11	The BPA-substitute bisphenol S alters the transcription of genes related to endocrine, stress response and biotransformation pathways in the aquatic midge Chironomus riparius (Diptera, Chironomidae). PLoS ONE, 2018, 13, e0193387.	2.5	54
12	Transcriptional deregulation of genetic biomarkers in Chironomus riparius larvae exposed to ecologically relevant concentrations of di(2-ethylhexyl) phthalate (DEHP). PLoS ONE, 2017, 12, e0171719.	2.5	33
13	The ribosome biogenesis pathway as an early target of benzyl butyl phthalate (BBP) toxicity in Chironomus riparius larvae. Chemosphere, 2016, 144, 1874-1884.	8.2	20
14	The plasticizer benzyl butyl phthalate (BBP) alters the ecdysone hormone pathway, the cellular response to stress, the energy metabolism, and several detoxication mechanisms in Chironomus riparius larvae. Chemosphere, 2015, 128, 266-277.	8.2	70
15	Transcriptional responses, metabolic activity and mouthpart deformities in natural populations of chironomus riparius larvae exposed to environmental pollutants. Environmental Toxicology, 2015, 30, 383-395.	4.0	34
16	Ecdysone-Related Biomarkers of Toxicity in the Model Organism Chironomus riparius: Stage and Sex-Dependent Variations in Gene Expression Profiles. PLoS ONE, 2015, 10, e0140239.	2.5	18
17	Transcriptional changes induced by in vivo exposure to pentachlorophenol (PCP) in Chironomus riparius (Diptera) aquatic larvae. Aquatic Toxicology, 2014, 157, 1-9.	4.0	42
18	Overexpression of long non-coding RNAs following exposure to xenobiotics in the aquatic midge Chironomus riparius. Aquatic Toxicology, 2012, 110-111, 84-90.	4.0	27

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19	Comparative effects of butyl benzyl phthalate (BBP) and di(2-ethylhexyl) phthalate (DEHP) on the aquatic larvae of Chironomus riparius based on gene expression assays related to the endocrine system, the stress response and ribosomes. Aquatic Toxicology, 2011, 105, 62-70.	4.0	105
20	Characterization of Hsp70 gene in Chironomus riparius: Expression in response to endocrine disrupting pollutants as a marker of ecotoxicological stress. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 150-158.	2.6	70
21	Effect of acute exposure to cadmium on the expression of heat-shock and hormone-nuclear receptor genes in the aquatic midge Chironomus riparius. Science of the Total Environment, 2010, 408, 1598-1603.	8.0	80
22	The endocrine disruptor bisphenol A increases the expression of HSP70 and ecdysone receptor genes in the aquatic larvae of Chironomus riparius. Chemosphere, 2008, 71, 1870-1876.	8.2	109
23	Drosophila telomeric retrotransposons derived from an ancestral element that was recruited to replace telomerase. Genome Research, 2007, 17, 1909-1918.	5.5	62
24	Characterization and expression during development and under environmental stress of the genes encoding ribosomal proteins L11 and L13 in Chironomus riparius. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 147, 590-596.	1.6	39
25	Ribosomal genes as early targets of cadmium-induced toxicity in Chironomus riparius larvae. Science of the Total Environment, 2007, 373, 113-121.	8.0	52