Cellular stress reactions assessed by gender and species polluted with heavy metals

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Citation Report

#	Article	IF	Citations
1	Effects of Cadmium on Protocerebral Neurosecretory Neurons and Fitness Components in Lymantria dispar L.. Folia Biologica, 2009, 58, 91-99.	0.1	25
2	Response of Cyprinus carpio to copper exposure: alterations in reduced glutathione, catalase and proteins electrophoretic patterns. Fish Physiology and Biochemistry, 2010, 36, 1021-1028.	0.9	12
3	Experimental exposure to cadmium affects metallothionein-like protein levels but not survival and growth in wolf spiders from polluted and reference populations. Environmental Pollution, 2010, 158, 2124-2131.	3.7	34
4	Effects of zinc and cadmium on erythrocyte antioxidant systems of a freshwater fish Oreochromis niloticus. Journal of Biochemical and Molecular Toxicology, 2010, 24, 223-229.	1.4	19
5	Effects of nickel exposure and acute pesticide intoxication on acetylcholinesterase, catalase and glutathione S-transferase activity and glucose absorption in the digestive tract of Helix aspersa (Pulmonata, Helicidae). International Journal of Environment and Pollution, 2010, 40, 380.	0.2	13
6	Relationships between physiological characteristics and trace metal body burdens of banded garden spiders Argiope trifasciata (Araneae, Araneidae). Ecotoxicology and Environmental Safety, 2011, 74, 1081-1088.	2.9	11
7	Direct and indirect effects of metal stress on physiology and life history variation in field populations of a lycosid spider. Ecotoxicology and Environmental Safety, 2011, 74, 1489-1497.	2.9	37
8	Quantitative immunodetection of metallothioneins in relation to metals concentration in spiders from variously polluted areas. Ecotoxicology and Environmental Safety, 2011, 74, 1498-1503.	2.9	23
9	Metallothioneins and energy budget indices in cadmium and copper exposed spiders Agelena labyrinthica in relation to their developmental stage, gender and origin. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 161-171.	1.3	22
10	The reproductive potential of the spiders Agelena labyrinthica and Xerolycosa nemoralis from areas contaminated with metals. Science of the Total Environment, 2012, 435-436, 374-379.	3.9	14
11	Antioxidative responses in females and males of the spider Xerolycosa nemoralis (Lycosidae) exposed to natural and anthropogenic stressors. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 119-131.	1.3	14
12	Effects of Heavy Metal Contamination. , 2013, , 403-414.		7
13	Apoptotic and necrotic changes in the midgut glands of the wolf spider Xerolycosa nemoralis (Lycosidae) in response to starvation and dimethoate exposure. Ecotoxicology and Environmental Safety, 2014, 101, 157-167.	2.9	36
14	A Preliminary Study ofArgiope argentataas Indicators of Southern California Metal Contamination. Arachnology, 2015, 16, 314-318.	0.4	2
15	Antioxidative and immunological responses in the haemolymph of wolf spider Xerolycosa nemoralis (Lycosidae) exposed to starvation and dimethoate. Environmental Pollution, 2015, 206, 551-559.	3.7	10
16	Urban mires as hotspots of epigaeic arthropod diversity. Biodiversity and Conservation, 2015, 24, 2991-3007.	1.2	9
17	DNA damage in haemocytes and midgut gland cells of Steatoda grossa (Theridiidae) spiders exposed to food contaminated with cadmium. Ecotoxicology and Environmental Safety, 2015, 113, 353-361.	2.9	34
18	Transcriptome Profiling Analysis of Wolf Spider Pardosa pseudoannulata (Araneae: Lycosidae) after Cadmium Exposure. International Journal of Molecular Sciences, 2016, 17, 2033.	1.8	29

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19	Spiders as excellent experimental models for investigation of heavy metal impacts on the environment: a review. Environmental Earth Sciences, 2016, 75, 1.	1.3	30
20	Genotoxic effects of starvation and dimethoate in haemocytes and midgut gland cells of wolf spider Xerolycosa nemoralis (Lycosidae). Environmental Pollution, 2016, 213, 370-378.	3.7	10
21	Modulation of the response to stress factors of Xerolycosa nemoralis (Lycosidae) spiders living in contaminated environments. Ecotoxicology and Environmental Safety, 2016, 131, 1-6.	2.9	10
22	Distribution of toxic elements between biotic and abiotic components of terrestrial ecosystem along an urbanization gradient: Soil, leaf litter and ground beetles. Ecological Indicators, 2016, 60, 258-264.	2.6	50
23	The effect of ingested cadmium on the calorific value and structural properties of hunting webs produced by Steatoda grossa (Theridiidae) spiders. Science of the Total Environment, 2017, 586, 1298-1307.	3.9	17
24	Influence of heavy metal contamination on urban natural enemies and biological control. Current Opinion in Insect Science, 2017, 20, 45-53.	2.2	27
25	Effects of tannery wastewater exposure on adult Drosophila melanogaster. Environmental Science and Pollution Research, 2017, 24, 26387-26395.	2.7	2
26	Effects of food contaminated with cadmium and copper on hemocytes of Steatoda grossa (Araneae:) Tj ETQq1 1 0.784314 rgBT /Ove	2.9	17
27	Transcriptome assembly and expression profiling of the molecular responses to cadmium toxicity in cerebral ganglia of wolf spider Pardosa pseudoannulata (Araneae: Lycosidae). Ecotoxicology, 2018, 27, 198-208.	1.1	18
28	Application of thin-layer chromatography to ecotoxicological study with the Steatoda grossa spider web. Journal of Planar Chromatography - Modern TLC, 2018, 31, 7-12.	0.6	4
29	Ariadna spiders as bioindicator of heavy elements contamination in the Central Namib Desert. Ecological Indicators, 2018, 95, 663-672.	2.6	11
30	Transcriptome analysis provides insights into the immunity function of venom glands in Pardosa pseudoannulata in responses to cadmium toxicity. Environmental Science and Pollution Research, 2018, 25, 23875-23882.	2.7	14
31	Effect of long-term cadmium and copper intoxication on the efficiency of ampullate silk glands in false black widow Steatoda grossa (Theridiidae) spiders. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 224, 108564.	1.3	5
32	Microevolution or wide tolerance? Level of stress proteins in the beet armyworm Spodoptera eqigua hÃ¼bner (Lepidoptera: Noctuidae) exposed to cadmium for over 150 generations. Ecotoxicology and Environmental Safety, 2019, 178, 1-8.	2.9	17
33	Evaluation of selected biological properties of the hunting web spider (Steatoda grossa, Theridiidae) in the aspect of short- and long-term exposure to cadmium. Science of the Total Environment, 2019, 656, 297-306.	3.9	16
34	Antioxidant enzymes as biomarkers of Cu and Pb exposure in the ground spiders Lycosa terrestris and Pardosa birmanica. Ecotoxicology and Environmental Safety, 2020, 190, 110054.	2.9	18
35	Assessment of bioaccumulation of cu and Pb in experimentally exposed spiders, Lycosa terrestris and Pardosa birmanica, using different exposure routes. Environmental Science and Pollution Research, 2020, 27, 3309-3319.	2.7	7
36	Enzymatic and non-enzymatic detoxification in Lycosa terrestris and Pardosa birmanica exposed to single and binary mixture of copper and lead. Environmental Toxicology and Pharmacology, 2020, 80, 103500.	2.0	6

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37	Study of the effect of cypermethrin on the spider Polybetes phytagoricus in different energy states. Pesticide Biochemistry and Physiology, 2020, 165, 104559.	1.6	4
38	Stress response in terrestrial isopods: A comparative study on glycaemia. Applied Soil Ecology, 2020, 156, 103708.	2.1	2
39	Effects of a glyphosate-based herbicide on the development and biochemical biomarkers of the freshwater copepod Notodiaptomus carteri (Lowndes, 1934). Ecotoxicology and Environmental Safety, 2020, 196, 110501.	2.9	8
40	Activity of biochemical biomarkers in grasshoppers Abracris flavolineata (De Geer, 1773) (Orthoptera:) Tj ETQq1 1 0.784314 rgBT /Over	0.0	0
42	The effect of selected immunostimulants on hemocytes of the false black widow Steatoda grossa (Theridiidae) spiders under chronic exposition to cadmium. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 252, 109221.	1.3	4
43	Use of Riparian Spiders as Sentinels of Persistent and Bioavailable Chemical Contaminants in Aquatic Ecosystems: A Review. Environmental Toxicology and Chemistry, 2022, 41, 499-514.	2.2	15
44	Transcriptomic analysis of cadmium toxicity and molecular response in the spiderling of Pirata subpiraticus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 261, 109441.	1.3	0
45	Integrated transcriptome and proteome unveiled distinct toxicological effects of long-term cadmium pollution on the silk glands of Pardosa pseudoannulata. Science of the Total Environment, 2023, 854, 158841.	3.9	1
46	A multi-biomarker approach to assess the sublethal effects of settleable atmospheric particulate matter from an industrial area on Nile tilapia (Oreochromis niloticus). Science of the Total Environment, 2023, 856, 159168.	3.9	6
47	Single and combined effects of Cu and Pb on life history traits of Lycosa terrestris and Pardosa birmanica (Araneae, Lycosidae). Journal of Asia-Pacific Entomology, 2023, 26, 102018.	0.4	0
48	Effect of the Insecticide Chlorpyrifos on Behavioral and Metabolic Aspects of the Spider Polybetes pythagoricus. Environmental Toxicology and Chemistry, 2023, 42, 1293-1308.	2.2	0