Halina I Falfushynska

List of Publications by Year
in descending order

78	1,256	331538	434063
papers	citations	21 h-index	31 g-index

79	79	79	1419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of hypoxia and reoxygenation on intermediary metabolite homeostasis of marine bivalves Mytilus edulis and Crassostrea gigas. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 242, 110657.	0.8	61
2	Effects of a common pharmaceutical, atorvastatin, on energy metabolism and detoxification mechanisms of a marine bivalve Mytilus edulis. Aquatic Toxicology, 2019, 208, 47-61.	1.9	57
3	The effects of zinc nanooxide on cellular stress responses of the freshwater mussels Unio tumidus are modulated by elevated temperature and organic pollutants. Aquatic Toxicology, 2015, 162, 82-93.	1.9	56
4	Biomineralization-related specialization of hemocytes and mantle tissues of the Pacific oysters Crassostrea gigas. Journal of Experimental Biology, 2017, 220, 3209-3221.	0.8	56
5	Comparison of Metal Bioavailability in Frogs from Urban and Rural Sites of Western Ukraine. Archives of Environmental Contamination and Toxicology, 2008, 54, 107-113.	2.1	49
6	Responses of biochemical markers in carp Cyprinus carpio from two field sites in Western Ukraine. Ecotoxicology and Environmental Safety, 2009, 72, 729-736.	2.9	46
7	Habitat pollution and thermal regime modify molecular stress responses to elevated temperature in freshwater mussels (Anodonta anatina: Unionidae). Science of the Total Environment, 2014, 500-501, 339-350.	3.9	43
8	Effect of in situ exposure history on the molecular responses of freshwater bivalve Anodonta anatina (Unionidae) to trace metals. Ecotoxicology and Environmental Safety, 2013, 89, 73-83.	2.9	40
9	The effects of ZnO nanostructures of different morphology on bioenergetics and stress response biomarkers of the blue mussels Mytilus edulis. Science of the Total Environment, 2019, 694, 133717.	3.9	38
10	Validation of oxidative stress responses in two populations of frogs from Western Ukraine. Chemosphere, 2008, 73, 1096-1101.	4.2	33
11	Effects of intermittent hypoxia on the cell survival and inflammatory responses in the intertidal marine bivalves Mytilus edulis and Crassostrea gigas. Journal of Experimental Biology, 2020, 223, .	0.8	33
12	Vulnerability of biomarkers in the indigenous mollusk Anodonta cygnea to spontaneous pollution in a transition country. Chemosphere, 2010, 81, 1342-1351.	4.2	31
13	Diversity of the molecular responses to separate wastewater effluents in freshwater mussels. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 164, 51-58.	1.3	29
14	Toxic effects and mechanisms of common pesticides (Roundup and chlorpyrifos) and their mixtures in a zebrafish model (Danio rerio). Science of the Total Environment, 2022, 833, 155236.	3.9	29
15	Biochemical responses of freshwater mussel Unio tumidus to titanium oxide nanoparticles, Bisphenol A, and their combination. Ecotoxicology, 2019, 28, 923-937.	1.1	26
16	Different responses of biochemical markers in frogs (Rana ridibunda) from urban and rural wetlands to the effect of carbamate fungicide. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 223-229.	1.3	25
17	Endocrine and cellular stress effects of zinc oxide nanoparticles and nifedipine in marsh frogs Pelophylax ridibundus. Aquatic Toxicology, 2017, 185, 171-182.	1.9	25
18	Hepatoprotective Effect of Melatonin in Toxic Liver Injury in Rats. Medicina (Lithuania), 2019, 55, 304.	0.8	24

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19	Interactive effects of salinity variation and exposure to ZnO nanoparticles on the innate immune system of a sentinel marine bivalve, Mytilus edulis. Science of the Total Environment, 2020, 712, 136473.	3.9	23
20	Long-Term Acclimation to Different Thermal Regimes Affects Molecular Responses to Heat Stress in a Freshwater Clam Corbicula Fluminea. Scientific Reports, 2016, 6, 39476.	1.6	22
21	Various responses to copper and manganese exposure of Carassius auratus gibelio from two populations. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 242-253.	1.3	21
22	Effects of pH and bicarbonate on mitochondrial functions of marine bivalves. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 198, 41-50.	0.8	21
23	Endocrine activities and cellular stress responses in the marsh frog Pelophylax ridibundus exposed to cobalt, zinc and their organic nanocomplexes. Aquatic Toxicology, 2016, 170, 62-71.	1.9	21
24	Is the presence of Central European strains of Raphidiopsis (Cylindrospermopsis) raciborskii a threat to a freshwater fish? An in vitro toxicological study in common carp cells. Aquatic Toxicology, 2019, 206, 105-113.	1.9	21
25	Multi-Biomarkers Approach in Different Organs of Anodonta cygnea from the Dnister Basin (Ukraine). Archives of Environmental Contamination and Toxicology, 2009, 57, 86-95.	2.1	20
26	Detoxification and cellular stress responses of unionid mussels Unio tumidus from two cooling ponds to combined nano-ZnO and temperature stress. Chemosphere, 2018, 193, 1127-1142.	4.2	20
27	In situ exposure history modulates the molecular responses to carbamate fungicide Tattoo in bivalve mollusk. Ecotoxicology, 2013, 22, 433-445.	1.1	19
28	Bioenergetic responses of freshwater mussels Unio tumidus to the combined effects of nano-ZnO and temperature regime. Science of the Total Environment, 2019, 650, 1440-1450.	3.9	19
29	Variability of responses in the crucian carp Carassius carassius from two Ukrainian ponds determined by multi-marker approach. Ecotoxicology and Environmental Safety, 2010, 73, 1896-1906.	2.9	18
30	Molecular Biomarkers of the Mitochondrial Quality Control Are Differently Affected by Hypoxia-Reoxygenation Stress in Marine Bivalves Crassostrea gigas and Mytilus edulis. Frontiers in Marine Science, 2020, 7, .	1.2	18
31	Multibiomarker-based assessment of toxicity of central European strains of filamentous cyanobacteria Aphanizomenon gracile and Raphidiopsis raciborskii to zebrafish Danio rerio. Water Research, 2021, 194, 116923.	5.3	18
32	Biomarker-based assessment of sublethal toxicity of organic UV filters (ensulizole and octocrylene) in a sentinel marine bivalve Mytilus edulis. Science of the Total Environment, 2021, 798, 149171.	3.9	18
33	Function of metallothioneins in carp Cyprinus carpio from two field sites in Western Ukraine. Ecotoxicology and Environmental Safety, 2009, 72, 1425-1432.	2.9	17
34	Elucidating cylindrospermopsin toxicity via synthetic analogues: An inÂvitro approach. Chemosphere, 2019, 234, 139-147.	4.2	16
35	Population-related molecular responses on the effect of pesticides in Carassius auratus gibelio. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 396-406.	1.3	15
36	Responses of hepatic metallothioneins and apoptotic activity in Carassius auratus gibelio witness a release of cobalt and zinc from waterborne nanoscale composites. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 160, 66-74.	1.3	15

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37	Vulnerability of marsh frog Pelophylax ridibundus to the typical wastewater effluents ibuprofen, triclosan and estrone, detected by multi-biomarker approach. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 202, 26-38.	1.3	14
38	Salinity-dependent effects of ZnO nanoparticles on bioenergetics and intermediate metabolite homeostasis in a euryhaline marine bivalve, Mytilus edulis. Science of the Total Environment, 2021, 774, 145195.	3.9	14
39	Interspecies comparison of selected pollution biomarkers in dreissenid spp. inhabiting pristine and moderately polluted sites. Science of the Total Environment, 2017, 599-600, 760-770.	3.9	13
40	A report of Cylindrospermopsis raciborskii and other cyanobacteria in the water reservoirs of power plants in Ukraine. Environmental Science and Pollution Research, 2018, 25, 15245-15252.	2.7	13
41	The Role of Reversible Protein Phosphorylation in Regulation of the Mitochondrial Electron Transport System During Hypoxia and Reoxygenation Stress in Marine Bivalves. Frontiers in Marine Science, 2020, 7, .	1.2	13
42	Role of Metallothioneins in Adaptation of Lymnaea stagnalis (Mollusca: Pulmonata) to Environment Pollution. Hydrobiological Journal, 2011, 47, 56-66.	0.2	12
43	Evaluation of biotargeting and ecotoxicity of Co2+-containing nanoscale polymeric complex by applying multi-marker approach in bivalve mollusk Anodonta cygnea. Chemosphere, 2012, 88, 925-936.	4.2	12
44	Preliminary Study of Multiple Stress Response Reactions in the Pond Snail Lymnaea stagnalis Exposed to Trace Metals and a Thiocarbamate Fungicide at Environmentally Relevant Concentrations. Archives of Environmental Contamination and Toxicology, 2020, 79, 89-100.	2.1	12
45	Metallothionein and glutathione inLymnaea stagnalisdetermine the specificity of responses to the effects of ionising radiation. Radioprotection, 2012, 47, 231-242.	0.5	11
46	Biochemical responses of bivalve mollusk Unio tumidus to the effect of nanoform of zinc oxide depending on the thermal regime. Studia Biologica = Ð'Ð†ÐžÐ›ÐžÐ“Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð”Ð†Ð‡ Studia Biologica, 2017, 11, 25-32.	0.1	10
47	Manifestations of oxidative stress and molecular damages in ovarian cancer tissue. Ukrainian Biochemical Journal, 2015, 87, 93-102.	0.1	9
48	Main partitioning criteria for the characterization of the health status in the freshwater mussel Anodonta cygnea from spontaneously polluted area in western ukraine. Environmental Toxicology, 2012, 27, 485-494.	2.1	8
49	Hepatic metallothioneins in molecular responses to cobalt, zinc, and their nanoscale polymeric composites in frog Rana ridibunda. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 172-173, 45-56.	1.3	7
50	Interpopulational variability of molecular responses to ionizing radiation in freshwater bivalves Anodonta anatina (Unionidae). Science of the Total Environment, 2016, 568, 444-456.	3.9	7
51	A calcium channel blocker nifedipine distorts the effects of nano-zinc oxide on metal metabolism in the marsh frog Pelophylax ridibundus. Saudi Journal of Biological Sciences, 2019, 26, 481-489.	1.8	7
52	In Vitro Toxicological Screening of Stable and Senescing Cultures of Aphanizomenon, Planktothrix, and Raphidiopsis. Toxins, 2020, 12, 400.	1.5	6
53	Polymethoxy-1-Alkenes Screening of Chlorella and Spirulina Food Supplements Coupled with In Vivo Toxicity Studies. Toxins, 2020, 12, 111.	1.5	6
54	Multibiomarker assessment in zebrafish Danio rerio after the effects of malathion and chlorpyrifos. Toxicology and Environmental Health Sciences, 2021, 13, 165-174.	1.1	6

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55	Difference in biochemical markers in the gibel carp (Carassius auratus gibelio) upstream and downstream of the hydropower plant. Environmental Pollution, 2019, 255, 113213.	3.7	5
56	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2014, 14, .	0.4	4
57	Seasonal and spatial comparison of metallothioneins in frog Rana ridibunda from feral populations. Ecotoxicology, 2008, 17, 781-788.	1.1	3
58	Measuring the immeasurable using information technologies on the example of Brownian motion. Physics Education, 2021, 56, 065013.	0.3	3
59	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2018, 18, .	0.4	2
60	Uptake, Biodistribution, and Mechanisms of Toxicity of Metal-Containing Nanoparticles in Aquatic Invertebrates and Vertebrates. , 2022, , 227-263.		2
61	Status of Markers of the Aquatic Environment Toxicity in Bivalve Mollusk Unio tumidus under impact of Common Municipal Pollutants. Hydrobiological Journal, 2015, 51, 91-100.	0.2	2
62	Responses of the Clam Anodonta anatina to Thermal Impact Depending on Peculiarities of Occurrence in Natural Habitat. Hydrobiological Journal, 2016, 52, 71-82.	0.2	2
63	Molecular responses of the bivalve mollusks from the cooling pond as a model for prediction of contemporary environmental challenges. Studia Biologica = Ð'Ð†ÐžÐ›ÐžÐ"Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð"Ð†Ð‡ Studia Biologica, 2014, 8, 11-28.	0.1	2
64	Zebrafish as a suitable model for studying the mode of action and harmfulness of organophosphate pesticides. E3S Web of Conferences, 2021, 280, 11005.	0.2	1
65	The Antioxidant Protection System of Hepatopancreas of Astacus leptodactylus as a Biomarker of Water Pollution with Heavy Metal Ions. Hydrobiological Journal, 2006, 42, 75-81.	0.2	1
66	Study of interrelations between resistance to cisplatin and composition of low molecular weight thiols in murine leukemia L1210 cell lines. Studia Biologica = Ð'Ð†ÐžÐ›ÐžÐ"Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð"Ð†Ð‡ Studia Biologica, 2012, 6, 5-14.	0.1	1
67	Effects of household pollutants on the metallothioneins in tissues of bivalve molluscs Unio tumidus. Studia Biologica = Ð'Ð†ÐžÐ›ÐžÐ"Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð"Ð†Ð‡ Studia Biologica, 2015, 9, 37-48.	0.1	1
68	Metallothioneins and the indices of oxidative damage in the tissues of carp Cyprinus carpio as the biomarkers of the environmental pollution. Studia Biologica = Ð'Ð†ÐžÐ›ÐžÐ"Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð"Ð†Ð‡ Studia Biologica, 2009, 3, 99-10	0.1	1
69	Application of multi-marker approach for assessment of stress syndrome in transplanted mussels Dreissena polymorpha. Studia Biologica = Ð'Ð†ÐžÐ›ÐžÐ"Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð"Ð†Ð‡ Studia Biologica, 2010, 4, 27-38.	0.1	1
70	Evaluation of metallothioneins, oxidative stress and signs of cytotoxicity in young obese women. Ukrainian Biochemical Journal, 2018, 90, 71-80.	0.1	1
71	Ð—Ð›Ð•ÐÐ™ Ð¡Ð¯ÐÐ¢Ð•Ð— ÐÐÐžÐ§ÐÐ¡Ð¯ÐÐ¯ Ð¦Ð¯ÐÐšÐ¡ Ð¦Ð¯ÐÐš ÐŽÐšÐ¡Ð¯Ð"Ð£ Ð— Ð'Ð¯ÐšÐŽÐÐ¯Ð¡Ð¢ÐÐÐÐ¯Ðœ ÐÐ®ÐÐ'Ð•Ð¯Ð 2019, 76, 31-37.	0.0	1
72	Mixed contamination-induced metallothionein response in the Carassius carassius from the Upper Dnister River Basin, Ukraine. Toxicology Letters, 2009, 189, S193.	0.4	0

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73	Seasonal Peculiarities of Properties of Metallothioneins of the Freshwater Bivalve Colletopterum piscinale (Unionidae). Hydrobiological Journal, 2007, 43, 92-102.	0.2	0
74	System of the Antioxidant Protection in Tissues of the Freshwater Bivalve Mollusk Colletopterum pictinale (Unionidae) under the Conditions of the Natural Water Body and Transplantation. Hydrobiological Journal, 2008, 44, 52-62.	0.2	0
75	Dependence of metal-accumulative capacity in tissues of the crucian carp Carassius auratus gibelio up on the history of exposure in situ. Studia Biologica = Ð‘Ð†ÐžÐ›ÐžÐ“Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð”Ð†Ð‡ Studia Biologica, 2012, 6, 55-66.	0.1	0
76	Multi-marker study of the response of bivalve mollusk Unio tumidus induced by the compounds of typical municipal effluents. Studia Biologica = Ð‘Ð†ÐžÐ›ÐžÐ“Ð†Ð§ÐÐ† Ð¡Ð¢Ð£Ð”Ð†Ð‡ Studia Biologica, 2017, 11, 37-44.	0.1	0
77	Ð•ÐšÐ¡Ð¢ÐÐÐšÐ¢ ÐœÐžÐœÐžÐÐ”Ð†ÐšÐ˜ ÐŸÐÐ˜Ð“ÐÐ†Ð§Ð£Ð„ ÐžÐšÐ˜Ð¡ÐÐ˜Ð™ Ð¡Ð¢ÐÐ•Ð¡ Ð¢Ð•Ð—Ð‘Ð†Ð›Ð¬Ð¨Ð£Ð„ Ð“Ð•ÐœÐžÐ›Ð†Ð¢Ð˜Ð§ÐÐ˜ ÐÐšÐ¢Ð˜Ð’ÐÐ¦Ð†Ð‡ Ð¼Ð¾Ð»ÑŽÑÐºÐ° Unio tumidus, Ð²Ð¸ÐºÐ»Ð¸ÐºÐ°Ð½Ð¾Ð³Ð¾ Ð·Ð¼Ñ–Ð½Ð°Ð¼Ð¸ Ð³Ñ–ÑÑ‚Ð¾Ð»Ð¾Ð³Ñ–Ñ‡Ð½Ð¸Ñ… Ð¿Ð¾ÐºÐ°Ð·Ð½Ð¸ÐºÑ–Ð² Ð¿Ñ€Ð¸ Ð²Ð¿Ð»Ð¸Ð²Ñ– Ð¼ÑƒÐ½Ñ–Ñ†Ð¸Ð¿Ð°Ð»ÑŒÐ½Ð¸Ñ… ÑÑ‚Ñ–Ñ‡Ð½Ð¸Ñ… Ð²Ð¾Ð´. Studia Biologica, 2019, 75, 21-28.	0.0	0
78	Ð’Ð˜Ð§Ð•ÐÐÐ˜ Ð•ÐÐ•ÐšÐ¢Ð˜Ð’ÐÐžÐ¡Ð¢Ð† Ð¥Ð›ÐžÐÐ•Ð›Ð˜ Ð©ÐžÐ” Ð—ÐœÐ•ÐÐ¨Ð•ÐÐÐ¯ Ð¦Ð˜Ð¢ÐžÐ¢ÐžÐ§ÐÐ˜Ð§ÐÐ˜Ð¥ ÐŸÐ•Ð Ð•Ð’ÐÐ–ÐÐ›Ð¬ÐÐ˜Ð¥ Ð¢ÐžÐšÐ¡Ð˜ÐšÐÐÐ¢Ð†Ð’ Ð£ Ð¢ÐšÐÐÐÐ¥ Ð¢Ð’ÐÐ Ð˜Ð Ð“ÐÐÐ†Ð—ÐœÐ†Ð’ Ð—Ð ÐÐ—ÐšÐžÐœ ÐŸÐ Ð˜Ð ÐžÐ”ÐÐžÐ“Ðž Ð¢Ð Ð•ÐÐ¡ÐŸÐ›ÐÐÐ¢ÐÐ¦Ð†Ð‡. Hydrobiological Journal, 2020, 80, 62-72.	0.0	0