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**Stress proteins in aquatic organisms: an environmental perspective**

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470	The effects of temperature and adrenergic agonists on cardiac myocytes of perch ( <i>Perca fluviatilis</i> ) in cell culture conditions. <i>Journal of Thermal Biology</i> , <b>1994</b> , 19, 393-401	2.9	2
469	Stressor-specific induction of heat shock proteins in rat hepatoma cells. <b>1994</b> , 94, 143-59		48
468	Complex mixture analysis using protein expression as a qualitative and quantitative tool. <b>1994</b> , 13, 1043-1050		14
467	Polymerase chain reaction as a tool for developing stress protein probes. <b>1994</b> , 13, 1221-1229		13
466	Evaluation of heavy-metal ion toxicity in fish cells using a combined stress protein and cytotoxicity assay. <b>1994</b> , 13, 1231-1240		122
465	Specific cross-reactivity of antibodies raised against two major stress proteins, stress 70 and chaperonin 60, in diverse species. <b>1994</b> , 13, 1241-1249		36
464	Influence of acclimation and exposure temperature on the acute toxicity of cadmium to the freshwater snail <i>Potamopyrgus antipodarum</i> (hydrobiidae). <b>1994</b> , 13, 1519-1524		25
463	Copper inhibits the induction of stress protein synthesis by elevated temperatures in embryos of the sea urchin <i>Strongylocentrus purpuratus</i> . <b>1994</b> , 109, 295-307		4
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461	Differential expression of HSP70 proteins in response to heat and cadmium in <i>Caenorhabditis elegans</i> . <i>Journal of Thermal Biology</i> , <b>1995</b> , 20, 355-363	2.9	35
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160	Proteomic analysis of Sydney Rock oysters ( <i>Saccostrea glomerata</i> ) exposed to metal contamination in the field. <b>2012</b> , 170, 102-12		23
159	Copepod reproductive success in spring-bloom communities with modified diatom and dinoflagellate dominance. <b>2012</b> , 69, 351-357		17
158	Energy homeostasis as an integrative tool for assessing limits of environmental stress tolerance in aquatic invertebrates. <b>2012</b> , 79, 1-15		658
157	Defensome against toxic diatom aldehydes in the sea urchin <i>Paracentrotus lividus</i> . <b>2012</b> , 7, e31750		36
156	UV-B exposure causes DNA damage and changes in protein expression in northern pike ( <i>Esox lucius</i> ) posthatched embryos. <b>2012</b> , 88, 363-70		11
155	Expression and characterization of constitutive heat shock protein 70.1 (HSPA-1A) gene in in vitro produced and in vivo-derived buffalo ( <i>Bubalus bubalis</i> ) embryos. <b>2012</b> , 47, 975-83		15
154	The effects of dietary lipid levels on performance and heat-shock protein response of juvenile white seabass, <i>Atractoscion nobilis</i> . <b>2013</b> , 19, 227-232		16
153	A proteomic approach to study the mechanism of tolerance to Bt toxins in <i>Ostrinia furnacalis</i> larvae selected for resistance to Cry1Ab. <b>2013</b> , 22, 1155-66		28
152	Influence of the cestode <i>Ligula intestinalis</i> and the acanthocephalan <i>Polymorphus minutus</i> on levels of heat shock proteins (HSP70) and metallothioneins in their fish and crustacean intermediate hosts. <b>2013</b> , 180, 173-9		27
151	Starvation and re-feeding affect Hsp expression, MAPK activation and antioxidant enzymes activity of European sea bass ( <i>Dicentrarchus labrax</i> ). <b>2013</b> , 165, 79-88		68
150	Gene expression responses in different regions of <i>Eisenia fetida</i> with antiparasitic albendazole exposure. <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 89, 239-44	7	9
149	Energy-limited tolerance to stress as a conceptual framework to integrate the effects of multiple stressors. <b>2013</b> , 53, 597-608		303
148	Heat Shock Protein 70 (HSP70) Responses in Tissues of White Sturgeon and Green Sturgeon Exposed to Different Stressors. <b>2013</b> , 75, 164-169		20

147	The stress response resolution assay. I. Quantitative assessment of environmental agent/condition effects on cellular stress resolution outcomes in epithelium. <b>2013</b> , 54, 268-80		6
146	Hsp70 and Hsp90 are differentially expressed in crayfish muscle and neurons after heat stress. <b>2013</b> , 41		1
145	Biomarkers of dissolved oxygen stress in oysters: a tool for restoration and management efforts. <b>2014</b> , 9, e104440		10
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143	Metal Metabolism and Detoxification. <b>2014</b> , 75-101		2
142	A partial genomic characterization and up-regulation of HSP90 by imidazole derivative KK-42 in the shrimp <i>Penaeus vannamei</i> . <b>2014</b> , 39, 155-161		
141	Effect of taurine-enriched diets on the Hsp expression, MAPK activation and the antioxidant defence of the European sea bass ( <i>Dicentrarchus labrax</i> ). <b>2014</b> , 20, 431-442		16
140	Piperonyl butoxide increases oxidative toxicity of fenthion in the brain of <i>Oreochromis niloticus</i> . <b>2014</b> , 28, 84-90		7
139	Lipotropes protect against pathogen-aggravated stress and mortality in low dose pesticide-exposed fish. <b>2014</b> , 9, e93499		35
138	Bioaccumulation/Storage/Detoxification. <b>2014</b> , 355-392		
137	Cloning and expression analysis of four heat shock protein genes in <i>Ericerus pela</i> (Homoptera: Coccidae). <b>2014</b> , 14,		19
136	Bacterial HSP70 (DnaK) is an efficient immune stimulator in <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , <b>2014</b> , 418-419, 87-93	4.4	12
135	Use of heat shock protein mRNA expressions as biomarkers in wild crucian carp for monitoring water quality. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 37, 248-55	5.8	21
134	Combined effects of thermal stress and Cd on lysosomal biomarkers and transcription of genes encoding lysosomal enzymes and HSP70 in mussels, <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 149, 145-56	5.1	47
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132	An intron-containing, heat-inducible stress-70 gene in the millipede <i>Tachypodoiulus niger</i> (Julidae, Diplopoda). <i>Cell Stress and Chaperones</i> , <b>2014</b> , 19, 741-7	4	4
131	Effect of enrofloxacin and emodin on heat-shock proteins expression in hepatic cells of grass carp ( <i>Ctenopharyngodon idellus</i> ). <b>2014</b> , 22, 1067-1077		4
130	Invertebrates as indicators for chemical stress in sewage-influenced stream systems: toxic and endocrine effects in gammarids and reactions at the community level in two tributaries of Lake Constance, Schussen and Argen. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 106, 115-25	7	30

129	Effect of deltamethrin (pyrethroid insecticide) on two clones of <i>Daphnia magna</i> (Crustacea, Cladocera): a proteomic investigation. <i>Aquatic Toxicology</i> , <b>2014</b> , 148, 40-7	5.1	28
128	Environmental heat stress induces epigenetic transgenerational inheritance of robustness in parthenogenetic <i>Artemia</i> model. <b>2014</b> , 28, 3552-63		83
127	Proteomics analysis of <i>Mahonia bealei</i> leaves with induction of alkaloids via combinatorial peptide ligand libraries. <b>2014</b> , 110, 59-71		27
126	Responses to ROS inducer agents in zebrafish cell line: differences between copper and UV-B radiation. <b>2014</b> , 40, 1817-25		6
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122	Effect of heat stress and recovery on viability, oxidative damage, and heat shock protein expression in hepatic cells of grass carp ( <i>Ctenopharyngodon idellus</i> ). <b>2014</b> , 40, 721-9		23
121	Dietary lipid levels in meagre ( <i>Argyrosomus regius</i> ): Effects on biochemical and molecular indicators of liver. <i>Aquaculture</i> , <b>2014</b> , 428-429, 265-271	4.4	13
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119	PBDE-47 exposure causes gender specific effects on apoptosis and heat shock protein expression in marine medaka, <i>Oryzias melastigma</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 147, 57-67	5.1	12
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116	The effects of acute waterborne exposure to sublethal concentrations of molybdenum on the stress response in rainbow trout, <i>Oncorhynchus mykiss</i> . <b>2015</b> , 10, e0115334		7
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113	Differential regulation of hsp70 genes in the freshwater key species <i>Gammarus pulex</i> (Crustacea, Amphipoda) exposed to thermal stress: effects of latitude and ontogeny. <b>2015</b> , 185, 303-13		18
112	Freezing tolerance of sea urchin embryonic cells: Differentiation commitment and cytoskeletal disturbances in culture. <b>2015</b> , 71, 54-63		9

111	Oxidative stress, heats shock protein and histopathological effects in the gills of African catfish, <i>Clarias gariepinus</i> induced by bridge runoffs. <b>2015</b> , 187, 172		10
110	Acute and subchronic toxic effects of atrazine and chlorpyrifos on common carp ( <i>Cyprinus carpio</i> L.): Immunotoxicity assessments. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 45, 327-33	4.3	46
109	Feeding Rates Affect Expression of Heat-Shock Protein 70 in Green Sturgeon Fry. <b>2015</b> , 77, 206-210		8
108	Dietary Soy Peptide Enhances Thermotolerance and Survival of Juvenile Japanese Flounder, <i>Paralichthys olivaceus</i> . <b>2015</b> , 46, 129-138		5
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104	Analysis of differentially expressed proteins in zebrafish ( <i>Danio rerio</i> ) embryos exposed to chlorpyrifos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2015</b> , 167, 183-9	3.2	10
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70	Heat shock proteins in <i>Varroa destructor</i> exposed to heat stress and in-hive acaricides. <i>Experimental and Applied Acarology</i> , <b>2018</b> , 76, 421-433	2.1	6
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