

# Aldo Viarengo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118  
papers

5,983  
citations

40  
h-index

74  
g-index

122  
ext. papers

6,351  
ext. citations

5  
avg, IF

5.31  
L-index

#	Paper	IF	Citations
118	Antagonistic cytoprotective effects of C fullerene nanoparticles in simultaneous exposure to benzo[a]pyrene in a molluscan animal model. <i>Science of the Total Environment</i> , <b>2021</b> , 755, 142355	10.2	3
117	Estrogenicity of chemical mixtures revealed by a panel of bioassays. <i>Science of the Total Environment</i> , <b>2021</b> , 785, 147284	10.2	6
116	Evaluating bivalve cytoprotective responses and their regulatory pathways in a climate change scenario. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137733	10.2	5
115	Ecotoxicological effects of atmospheric particulate produced by braking systems on aquatic and edaphic organisms. <i>Environment International</i> , <b>2020</b> , 137, 105564	12.9	6
114	Effects of fullerene C in blue mussels: Role of mTOR in autophagy related cellular/tissue alterations. <i>Chemosphere</i> , <b>2020</b> , 246, 125707	8.4	9
113	Molecular mechanisms underlying the effects of temperature increase on <i>Mytilus</i> sp. and their hybrids at early larval stages. <i>Science of the Total Environment</i> , <b>2020</b> , 708, 135200	10.2	5
112	New insights into the possible multiple roles of histidine-rich glycoprotein in blue mussels. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2020</b> , 245, 110440	2.3	1
111	An integrated approach to determine interactive genotoxic and global gene expression effects of multiwalled carbon nanotubes (MWCNTs) and benzo[a]pyrene (BaP) on marine mussels: evidence of reverse Trojan Horse effects. <i>Nanotoxicology</i> , <b>2019</b> , 13, 1324-1343	5.3	6
110	Exposure to anti-mosquito insecticides utilized in rice fields affects survival of two non-target species, <i>Ischnura elegans</i> and <i>Daphnia magna</i> . <i>Paddy and Water Environment</i> , <b>2019</b> , 17, 1-11	1.6	8
109	Application of a new targeted low density microarray and conventional biomarkers to evaluate the health status of marine mussels: A field study in Sardinian coast, Italy. <i>Science of the Total Environment</i> , <b>2018</b> , 628-629, 319-328	10.2	13
108	Role of mTOR in autophagic and lysosomal reactions to environmental stressors in molluscs. <i>Aquatic Toxicology</i> , <b>2018</b> , 195, 114-128	5.1	26
107	Toxic effects of mercury on the cell nucleus of <i>Dictyostelium discoideum</i> . <i>Environmental Toxicology</i> , <b>2017</b> , 32, 417-425	4.2	4
106	Mode of action of Cr(VI) in immunocytes of earthworms: Implications for animal health. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 138, 298-308	7	22
105	Use of biomarkers to evaluate the effects of environmental stressors on <i>Mytilus galloprovincialis</i> sampled along the Moroccan coasts: Integrating biological and chemical data. <i>Marine Environmental Research</i> , <b>2017</b> , 130, 60-68	3.3	14
104	Effects of Cr(VI) on Ca-ATPase activity in the earthworm <i>Eisenia andrei</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2017</b> , 203, 21-28	3.2	3
103	Assessing the impact of Benzo[a]pyrene on Marine Mussels: Application of a novel targeted low density microarray complementing classical biomarker responses. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178460	3.7	45
102	Biomarker responses of <i>Eisenia andrei</i> to a polymetallic gradient near a lead mining site in North Tunisia. <i>Environmental Pollution</i> , <b>2016</b> , 218, 530-541	9.3	23

101	Combined effects of n-TiO <sub>2</sub> and 2,3,7,8-TCDD in <i>Mytilus galloprovincialis</i> digestive gland: A transcriptomic and immunohistochemical study. <i>Environmental Research</i> , <b>2016</b> , 145, 135-144	7.9	44
100	Haemolymph from <i>Mytilus galloprovincialis</i> : Response to copper and temperature challenges studied by (1)H-NMR metabonomics. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 183-184, 61-71	3.2	12
99	Application of Biotests for the Determination of Soil Ecotoxicity after Exposure to Biodegradable Plastics. <i>Frontiers in Environmental Science</i> , <b>2016</b> , 4,	4.8	48
98	Toxicity assessment of diesel- and metal-contaminated soils through elutriate and solid phase assays with the slime mold <i>Dictyostelium discoideum</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1413-21	3.8	1
97	Relevance of the bioavailable fraction of DDT and its metabolites in freshwater sediment toxicity: New insight into the mode of action of these chemicals on <i>Dictyostelium discoideum</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 132, 240-9	7	4
96	Transcriptional expression levels and biochemical markers of oxidative stress in the earthworm <i>Eisenia andrei</i> after exposure to 2,4-dichlorophenoxyacetic acid (2,4-D). <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 122, 76-82	7	40
95	Chemical characterization and ecotoxicity of three soil foaming agents used in mechanized tunneling. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 296, 210-220	12.8	23
94	Anti-oxidative cellular protection effect of fasting-induced autophagy as a mechanism for hormesis. <i>Marine Environmental Research</i> , <b>2015</b> , 107, 35-44	3.3	24
93	Effects of PAHs and dioxins on the earthworm <i>Eisenia andrei</i> : a multivariate approach for biomarker interpretation. <i>Environmental Pollution</i> , <b>2015</b> , 196, 60-71	9.3	37
92	Molecular and Cellular Effects Induced in <i>Mytilus galloprovincialis</i> Treated with Oxytetracycline at Different Temperatures. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128468	3.7	19
91	Effects of thermal stress and nickel exposure on biomarkers responses in <i>Mytilus galloprovincialis</i> (Lam). <i>Marine Environmental Research</i> , <b>2014</b> , 94, 65-71	3.3	57
90	Biochemical and proteomic characterisation of haemolymph serum reveals the origin of the alkali-labile phosphate (ALP) in mussel ( <i>Mytilus galloprovincialis</i> ). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2014</b> , 11, 29-36	2	17
89	Immunofluorescence detection and localization of B[a]P and TCDD in earthworm tissues. <i>Chemosphere</i> , <b>2014</b> , 107, 282-289	8.4	17
88	Mixtures of chemical pollutants at European legislation safety concentrations: how safe are they?. <i>Toxicological Sciences</i> , <b>2014</b> , 141, 218-33	4.4	95
87	Transcriptional expression levels and biochemical markers of oxidative stress in <i>Mytilus galloprovincialis</i> exposed to nickel and heat stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2014</b> , 160, 23-9	3.2	33
86	Oceans and Human Health (OHH): a European perspective from the Marine Board of the European Science Foundation (Marine Board-ESF). <i>Microbial Ecology</i> , <b>2013</b> , 65, 889-900	4.4	25
85	The use of protozoa in ecotoxicology: application of multiple endpoint tests of the ciliate <i>E. crassus</i> for the evaluation of sediment quality in coastal marine ecosystems. <i>Science of the Total Environment</i> , <b>2013</b> , 442, 534-44	10.2	38
84	Development and application of an innovative expert decision support system to manage sediments and to assess environmental risk in freshwater ecosystems. <i>Environment International</i> , <b>2013</b> , 60, 171-82	12.9	16

83	Dictyostelium discoideum developmental cycle (DDDC) assay: a tool for Hg toxicity assessment and soil health screening. <i>Science of the Total Environment</i> , <b>2013</b> , 450-451, 39-50	10.2	6
82	Transcriptional response of the mussel <i>Mytilus galloprovincialis</i> (Lam.) following exposure to heat stress and copper. <i>PLoS ONE</i> , <b>2013</b> , 8, e66802	3.7	71
81	The role of large marine vertebrates in the assessment of the quality of pelagic marine ecosystems. <i>Marine Environmental Research</i> , <b>2012</b> , 77, 156-8	3.3	31
80	Molecular and cellular effects induced by hexavalent chromium in Mediterranean mussels. <i>Aquatic Toxicology</i> , <b>2012</b> , 124-125, 125-32	5.1	16
79	Genotoxicity assessment in <i>Eisenia andrei</i> coelomocytes: a study of the induction of DNA damage and micronuclei in earthworms exposed to B[a]P- and TCDD-spiked soils. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2012</b> , 746, 35-41	3	35
78	Effects of nickel, chlorpyrifos and their mixture on the <i>Dictyostelium discoideum</i> proteome. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 15679-705	6.3	8
77	Interactive effects of nickel and chlorpyrifos on Mediterranean mussel cAMP-mediated cell signaling and MXR-related gene expressions. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 154, 377-82	3.2	5
76	Integration of biochemical, histochemical and toxicogenomic indices for the assessment of health status of mussels from the Tamar Estuary, U.K. <i>Marine Environmental Research</i> , <b>2011</b> , 72, 13-24	3.3	38
75	Effects of dioxin exposure in <i>Eisenia andrei</i> : integration of biomarker data by an Expert System to rank the development of pollutant-induced stress syndrome in earthworms. <i>Chemosphere</i> , <b>2011</b> , 85, 934-42	8.4	25
74	Mixture toxicity assessment of nickel and chlorpyrifos in the sea bass <i>Dicentrarchus labrax</i> . <i>Archives of Environmental Contamination and Toxicology</i> , <b>2011</b> , 60, 124-31	3.2	25
73	Interactions of a pesticide/heavy metal mixture in marine bivalves: a transcriptomic assessment. <i>BMC Genomics</i> , <b>2011</b> , 12, 195	4.5	77
72	Gene expression rhythms in the mussel <i>Mytilus galloprovincialis</i> (Lam.) across an annual cycle. <i>PLoS ONE</i> , <b>2011</b> , 6, e18904	3.7	82
71	The organophosphate Chlorpyrifos interferes with the responses to 17 $\beta$ -estradiol in the digestive gland of the marine mussel <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e19803	3.7	46
70	Effects of mercury on <i>Dictyostelium discoideum</i> : proteomics reveals the molecular mechanisms of physiological adaptation and toxicity. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 2839-54	5.6	14
69	Uptake and biochemical responses of mussels <i>Mytilus galloprovincialis</i> exposed to sublethal nickel concentrations. <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 1712-9	7	51
68	Transcriptomic and proteomic effects of a neonicotinoid insecticide mixture in the marine mussel ( <i>Mytilus galloprovincialis</i> , Lam.). <i>Science of the Total Environment</i> , <b>2010</b> , 408, 3775-86	10.2	72
67	Sun light degradation of 4-chloroaniline in waters and its effect on toxicity. A high performance liquid chromatography - Diode array - Tandem mass spectrometry study. <i>Environmental Pollution</i> , <b>2010</b> , 158, 592-8	9.3	38
66	Carbonic anhydrase activity in <i>Mytilus galloprovincialis</i> digestive gland: sensitivity to heavy metal exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 152, 241-7	3.2	15

65	Spreading of mesothelioma cells is rapamycin-sensitive and requires continuing translation. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 108, 867-76	4.7	6
64	The cadmium binding domains in the metallothionein isoform Cd(7)-MT10 from <i>Mytilus galloprovincialis</i> revealed by NMR spectroscopy. <i>Journal of Biological Inorganic Chemistry</i> , <b>2009</b> , 14, 167-78	3.7	17
63	Expression analysis of the molluscan p53 protein family mRNA in mussels ( <i>Mytilus</i> spp.) exposed to organic contaminants. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 414-8	3.2	22
62	Use of highly sensitive sublethal stress responses in the social amoeba <i>Dictyostelium discoideum</i> for an assessment of freshwater quality. <i>Science of the Total Environment</i> , <b>2008</b> , 395, 101-8	10.2	15
61	Lysosomes and autophagy in aquatic animals. <i>Methods in Enzymology</i> , <b>2008</b> , 451, 581-620	1.7	34
60	A "weight of evidence" approach for the integration of environmental "triad" data to assess ecological risk and biological vulnerability. <i>Integrated Environmental Assessment and Management</i> , <b>2008</b> , 4, 314-26	2.5	66
59	Action mechanisms of the secondary metabolite euplotin C: signaling and functional role in <i>Euplotes</i> . <i>Journal of Eukaryotic Microbiology</i> , <b>2008</b> , 55, 365-73	3.6	9
58	Metabolic profiling of <i>Mytilus galloprovincialis</i> and its potential applications for pollution assessment. <i>Marine Ecology - Progress Series</i> , <b>2008</b> , 369, 169-179	2.6	68
57	A biomonitoring study assessing the residual biological effects of pollution caused by the HAVEN wreck on marine organisms in the Ligurian Sea (Italy). <i>Archives of Environmental Contamination and Toxicology</i> , <b>2007</b> , 53, 607-16	3.2	30
56	Molecular characterization and function analysis of MT-10 and MT-20 metallothionein isoforms from <i>Mytilus galloprovincialis</i> . <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 465, 247-53	4.1	28
55	Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels. <i>Aquatic Toxicology</i> , <b>2007</b> , 84, 80-91	5.1	117
54	Application of a biomarker battery for the evaluation of the sublethal effects of pollutants in the earthworm <i>Eisenia andrei</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2007</b> , 146, 398-405	3.2	28
53	Effects of growth hormone and cadmium on the transcription regulation of two metallothionein isoforms. <i>Molecular and Cellular Endocrinology</i> , <b>2007</b> , 263, 29-37	4.4	27
52	Development of an expert system for the integration of biomarker responses in mussels into an animal health index. <i>Biomarkers</i> , <b>2007</b> , 12, 155-72	2.6	132
51	Assessment of heavy metal contamination using real-time PCR analysis of mussel metallothionein mt10 and mt20 expression: a validation along the Tunisian coast. <i>Biomarkers</i> , <b>2007</b> , 12, 369-83	2.6	76
50	Development of mussel mRNA profiling: Can gene expression trends reveal coastal water pollution?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2006</b> , 602, 121-34	3.3	96
49	Effects of seawater pollutants on protein tyrosine phosphorylation in mussel tissues. <i>Aquatic Toxicology</i> , <b>2006</b> , 78 Suppl 1, S79-85	5.1	20
48	Assessing the occurrence of a stress syndrome in mussels ( <i>Mytilus edulis</i> ) using a combined biomarker/gene expression approach. <i>Aquatic Toxicology</i> , <b>2006</b> , 78 Suppl 1, S13-24	5.1	79

47	Cellular responses to environmental contaminants in amoebic cells of the slime mould <i>Dictyostelium discoideum</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2006</b> , 143, 150-7	3.2	17
46	Gene transcription profiling in pollutant exposed mussels ( <i>Mytilus</i> spp.) using a new low-density oligonucleotide microarray. <i>Gene</i> , <b>2006</b> , 376, 24-36	3.8	93
45	Expression, purification and preliminary characterization of mussel ( <i>Mytilus galloprovincialis</i> ) metallothionein MT20. <i>Molecular Biology Reports</i> , <b>2006</b> , 33, 265-72	2.8	13
44	Quantitative PCR analysis of two molluscan metallothionein genes unveils differential expression and regulation. <i>Gene</i> , <b>2005</b> , 345, 259-70	3.8	148
43	Fish and molluscan metallothioneins. <i>FEBS Journal</i> , <b>2005</b> , 272, 6014-23	5.7	46
42	Ca <sup>2+</sup> is mobilized by hydroxyl radical but not by superoxide in RTH-149 cells: the oxidative switching-on of Ca <sup>2+</sup> signaling. <i>Cell Calcium</i> , <b>2005</b> , 38, 507-13	4	17
41	Heavy metal interference with growth hormone signalling in trout hepatoma cells RTH-149. <i>BioMetals</i> , <b>2005</b> , 18, 179-90	3.4	9
40	Biochemical characterization and quantitative gene expression analysis of the multi-stress inducible metallothionein from <i>Tetrahymena thermophila</i> . <i>Protist</i> , <b>2004</b> , 155, 157-68	2.5	35
39	Mercury- and copper-induced lysosomal membrane destabilisation depends on [Ca <sup>2+</sup> ] <sub>i</sub> dependent phospholipase A2 activation. <i>Aquatic Toxicology</i> , <b>2004</b> , 66, 197-204	5.1	85
38	Ligand-independent tyrosine kinase signalling in RTH 149 trout hepatoma cells: comparison among heavy metals and pro-oxidants. <i>Cellular Physiology and Biochemistry</i> , <b>2003</b> , 13, 147-54	3.9	24
37	Detection of cholinesterase activities and acetylcholine receptors during the developmental cycle of <i>Dictyostelium discoideum</i> . <i>European Journal of Protistology</i> , <b>2003</b> , 39, 213-222	3.6	16
36	Hg <sup>2+</sup> signaling in trout hepatoma (RTH-149) cells: involvement of Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release. <i>Cell Calcium</i> , <b>2003</b> , 34, 285-93	4	24
35	Expression, purification, and characterization of metallothionein-A from rainbow trout. <i>Protein Expression and Purification</i> , <b>2003</b> , 27, 338-45	2	14
34	Essential role of Ca <sup>2+</sup> -dependent phospholipase A2 in estradiol-induced lysosome activation. <i>American Journal of Physiology - Cell Physiology</i> , <b>2002</b> , 283, C1461-8	5.4	44
33	Occurrence of Cu-ATPase in <i>Dictyostelium</i> : possible role in resistance to copper. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 291, 476-83	3.4	26
32	Cholinesterase activity and effects of its inhibition by neurotoxic drugs in <i>Dictyostelium discoideum</i> . <i>Chemosphere</i> , <b>2002</b> , 48, 407-14	8.4	24
31	Cloning and sequencing of a novel metallothionein gene in <i>Mytilus galloprovincialis</i> Lam. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2002</b> , 131, 217-22	3.2	13
30	Free radical-dependent Ca <sup>2+</sup> signaling: role of Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release. <i>Antioxidants and Redox Signaling</i> , <b>2001</b> , 3, 525-30	8.4	4

29	Interference of heavy metal cations with fluorescent Ca <sup>2+</sup> probes does not affect Ca <sup>2+</sup> measurements in living cells. <i>Cell Calcium</i> , <b>2000</b> , 28, 225-31	4	31
28	Networking and expert-system analysis: next frontier in biomonitoring. <i>Marine Environmental Research</i> , <b>2000</b> , 49, 483-6	3-3	34
27	Critical evaluation of an intercalibration exercise undertaken in the framework of the MED POL biomonitoring program. <i>Marine Environmental Research</i> , <b>2000</b> , 49, 1-18	3-3	46
26	Ca <sup>2+</sup> homeostasis and redox balance in Antarctic sea organisms: Effects of temperature and of environmental contaminants. <i>Italian Journal of Zoology</i> , <b>2000</b> , 67, 95-100		
25	Role of metallothionein against oxidative stress in the mussel <i>Mytilus galloprovincialis</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1999</b> , 277, R1612-9	3-2	74
24	The SR Ca <sup>2+</sup> ATPase of the Antarctic scallop <i>Adamussium colbecki</i> : cold adaptation and heavy metal effects. <i>Polar Biology</i> , <b>1999</b> , 21, 369-375	2	9
23	Genotoxicity biomarkers in the assessment of heavy metal effects in mussels: Experimental studies <b>1999</b> , 33, 287-292		131
22	Heavy metals and glutathione metabolism in mussel tissues. <i>Aquatic Toxicology</i> , <b>1999</b> , 46, 67-76	5-1	194
21	Cyclic ADP-ribose-dependent Ca <sup>2+</sup> release is modulated by free [Ca <sup>2+</sup> ] in the scallop sarcoplasmic reticulum. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 257, 57-62	3-4	13
20	Exposure to elevated temperatures and hydrogen peroxide elicits oxidative stress and antioxidant response in the Antarctic intertidal limpet <i>Nacella concinna</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1998</b> , 120, 425-435	2-3	146
19	Heavy metal inhibition of EROD activity in liver microsomes from the bass <i>Dicentrarchus labrax</i> exposed to organic xenobiotics: Role of GSH in the reduction of heavy metal effects. <i>Marine Environmental Research</i> , <b>1997</b> , 44, 1-11	3-3	104
18	A simple spectrophotometric method for metallothionein evaluation in marine organisms: an application to Mediterranean and Antarctic molluscs. <i>Marine Environmental Research</i> , <b>1997</b> , 44, 69-84	3-3	626
17	Effects of free oxygen radicals on Ca <sup>2+</sup> release mechanisms in the sarcoplasmic reticulum of scallop ( <i>Pecten jacobaeus</i> ) adductor muscle. <i>Cell Calcium</i> , <b>1997</b> , 22, 83-90	4	10
16	Stress on stress response: A simple monitoring tool in the assessment of a general stress syndrome in mussels. <i>Marine Environmental Research</i> , <b>1995</b> , 39, 245-248	3-3	76
15	Electroanalysis and Chemometrics of Speciation of Natural Waters [continued]. <i>Analytical Proceedings</i> , <b>1991</b> , 28, 72-81		7
14	Determination of trace amounts of metalloprotein species in marine mussel samples by high-performance liquid chromatography with inductively coupled plasma atomic emission spectrometric detection. <i>Analyst, The</i> , <b>1991</b> , 116, 605	5	26
13	Mussels as biological indicators of pollution. <i>Aquaculture</i> , <b>1991</b> , 94, 225-243	4-4	168
12	In vivo and in vitro effects of heavy metals on DNA polymerase activities in the digestive gland of <i>Mytilus galloprovincialis</i> Lam. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1990</b> , 95, 271-274		2

11	Lipid peroxidation and level of antioxidant compounds (GSH, vitamin E) in the digestive glands of mussels of three different age groups exposed to anaerobic and aerobic conditions. <i>Marine Environmental Research</i> , <b>1989</b> , 28, 291-295	3.3	49
10	Effects of sublethal copper concentrations, temperature, salinity and oxygen levels on calcium content and on cellular distribution of copper in the gills of <i>Mytilus galloprovincialis</i> lam.: A multifactorial experiment. <i>Marine Environmental Research</i> , <b>1988</b> , 24, 227-231	3.3	19
9	Lysosomal membrane fragility and catabolism of cytosolic proteins: evidence for a direct relationship. <i>Experientia</i> , <b>1987</b> , 43, 320-3		73
8	Biochemical effects of trace metals. <i>Marine Pollution Bulletin</i> , <b>1985</b> , 16, 153-158	6.7	172
7	Detoxification of copper in the cells of the digestive gland of mussel: The role of lysosomes and thioneins. <i>Science of the Total Environment</i> , <b>1985</b> , 44, 135-145	10.2	62
6	Role of metallothioneins in Cu and Cd accumulation and elimination in the gill and digestive gland cells of <i>mytilus galloprovincialis</i> lam.. <i>Marine Environmental Research</i> , <b>1985</b> , 16, 23-36	3.3	104
5	Biochemical and morphological comparison of microsomal preparations from rat, quail, trout, mussel, and water flea. <i>Ecotoxicology and Environmental Safety</i> , <b>1984</b> , 8, 423-46	7	28
4	Synthesis of Cu-binding proteins in different tissues of mussels exposed to the metal. <i>Marine Pollution Bulletin</i> , <b>1981</b> , 12, 347-350	6.7	50
3	Accumulation and detoxication of copper by the mussel <i>mytilus galloprovincialis</i> Lam: A study of the subcellular distribution in the digestive gland cells. <i>Aquatic Toxicology</i> , <b>1981</b> , 1, 147-157	5.1	100
2	Effects of copper on the uptake of amino acids, on protein synthesis and on ATP content in different tissues of <i>Mytilus galloprovincialis</i> Lam.. <i>Marine Environmental Research</i> , <b>1980</b> , 4, 145-152	3.3	39
1	Cellular Responses to Copper in Aquatic Organisms: Importance of Oxidative Stress and Alteration of Signal Transduction417-431		2