

# Miren P Cajaraville

## List of Publications by Year in descending order

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147  
papers

7,392  
citations

47006

47  
h-index

62596

80  
g-index

152  
all docs

152  
docs citations

152  
times ranked

6092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular and subcellular distribution of metals in molluscs. <i>Microscopy Research and Technique</i> , 2002, 56, 358-392.	2.2	401
2	Antioxidant enzymes and peroxisome proliferation in relation to contaminant body burdens of PAHs and PCBs in bivalve molluscs, crabs and fish from the Urdaibai and Plentzia estuaries (Bay of Biscay). <i>Aquatic Toxicology</i> , 2002, 58, 75-98.	4.0	260
3	Endocrine disruptors in marine organisms: Approaches and perspectives. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 303-315.	2.6	166
4	Comparative effects of cadmium, copper, paraquat and benzo[a]pyrene on the actin cytoskeleton and production of reactive oxygen species (ROS) in mussel haemocytes. <i>Toxicology in Vitro</i> , 2003, 17, 539-546.	2.4	154
5	Assessment of biological effects of environmental pollution along the NW Mediterranean Sea using mussels as sentinel organisms. <i>Environmental Pollution</i> , 2007, 148, 236-250.	7.5	142
6	Impacts of dietary exposure to different sized polystyrene microplastics alone and with sorbed benzo[a]pyrene on biomarkers and whole organism responses in mussels <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2019, 684, 548-566.	8.0	136
7	Marine ecosystem health status assessment through integrative biomarker indices: a comparative study after the Prestige oil spill "Mussel Watch". <i>Ecotoxicology</i> , 2013, 22, 486-505.	2.4	135
8	Cytotoxicity and cellular mechanisms involved in the toxicity of CdS quantum dots in hemocytes and gill cells of the mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2014, 153, 39-52.	4.0	131
9	Peroxisome proliferation as a biomarker in environmental pollution assessment. <i>Microscopy Research and Technique</i> , 2003, 61, 191-202.	2.2	127
10	Morphofunctional Study of the Haemocytes of the Bivalve Mollusc <i>Mytilus galloprovincialis</i> with Emphasis on the Endolysosomal Compartment.. <i>Cell Structure and Function</i> , 1995, 20, 355-367.	1.1	126
11	Cell and tissue biomarkers in mussel, and histopathology in hake and anchovy from Bay of Biscay after the Prestige oil spill (Monitoring Campaign 2003). <i>Marine Pollution Bulletin</i> , 2006, 53, 287-304.	5.0	125
12	In vitro effects of cadmium on two different animal cell models. <i>Toxicology in Vitro</i> , 2001, 15, 511-517.	2.4	120
13	In Vitro Activities in Mussel Hemocytes as Biomarkers of Environmental Quality: A Case Study in the Abra Estuary (Biscay Bay). <i>Ecotoxicology and Environmental Safety</i> , 1996, 35, 253-260.	6.0	118
14	Mechanisms of Toxicity of Ag Nanoparticles in Comparison to Bulk and Ionic Ag on Mussel Hemocytes and Gill Cells. <i>PLoS ONE</i> , 2015, 10, e0129039.	2.5	115
15	Biomarkers in mussels from a copper site gradient (Visnes, Norway): An integrated biochemical, histochemical and histological study. <i>Aquatic Toxicology</i> , 2006, 78, S109-S116.	4.0	105
16	Combined use of native and caged mussels to assess biological effects of pollution through the integrative biomarker approach. <i>Aquatic Toxicology</i> , 2013, 136-137, 32-48.	4.0	97
17	Immunolocalization of four antioxidant enzymes in digestive glands of mollusks and crustaceans and fish liver. <i>Histochemistry and Cell Biology</i> , 2000, 114, 393-404.	1.7	95
18	Characterization of mussel gill cells in vivo and in vitro. <i>Cell and Tissue Research</i> , 2005, 321, 131-140.	2.9	89

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19	Expression of peroxisome proliferator-activated receptors in zebrafish ( <i>Danio rerio</i> ). <i>Histochemistry and Cell Biology</i> , 2002, 118, 231-239.	1.7	82
20	Tissue and cell distribution of copper, zinc and cadmium in the mussel, <i>Mytilus galloprovincialis</i> , determined by autometallography. <i>Tissue and Cell</i> , 1996, 28, 557-568.	2.2	81
21	Cytotoxicity and cellular mechanisms of toxicity of CuO NPs in mussel cells in vitro and comparative sensitivity with human cells. <i>Toxicology in Vitro</i> , 2018, 48, 146-158.	2.4	81
22	Short-term effects on antioxidant enzymes and long-term genotoxic and carcinogenic potential of CuO nanoparticles compared to bulk CuO and ionic copper in mussels <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2015, 111, 107-120.	2.5	80
23	Oxygen radicals production and actin filament disruption in bivalve haemocytes treated with benzo(a)pyrene. <i>Marine Environmental Research</i> , 2002, 54, 431-436.	2.5	79
24	Application of a battery of biomarkers in mussel digestive gland to assess long-term effects of the Prestige oil spill in Galicia and Bay of Biscay: Tissue-level biomarkers and histopathology. <i>Journal of Environmental Monitoring</i> , 2011, 13, 915.	2.1	79
25	Biomarkers of Exposure and Reproduction-Related Effects in Mussels Exposed to Endocrine Disruptors. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 361-369.	4.1	78
26	Expression of peroxisome proliferator-activated receptors in zebrafish ( <i>Danio rerio</i> ) depending on gender and developmental stage. <i>Histochemistry and Cell Biology</i> , 2005, 123, 75-87.	1.7	77
27	PEROXISOME PROLIFERATION AND ANTIOXIDANT ENZYMES IN TRANSPLANTED MUSSELS OF FOUR BASQUE ESTUARIES WITH DIFFERENT LEVELS OF POLYCYCLIC AROMATIC HYDROCARBON AND POLYCHLORINATED BIPHENYL POLLUTION. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1616.	4.3	76
28	Effects of exposure to Prestige-like heavy fuel oil and to perfluorooctane sulfonate on conventional biomarkers and target gene transcription in the thicklip grey mullet <i>Chelon labrosus</i> . <i>Aquatic Toxicology</i> , 2010, 98, 282-296.	4.0	73
29	Cytochemical and Histochemical Aspects of the Digestive Gland Cells of the Mussel <i>Mytilus galloprovincialis</i> (L.) in Relation to Function. <i>Journal of Molecular Histology</i> , 2003, 35, 501-509.	2.2	72
30	Modulation of peroxisome proliferator-activated receptors (PPARs) by PPAR $\alpha$ - and PPAR $\beta$ -specific ligands and by 17 $\beta$ -estradiol in isolated zebrafish hepatocytes. <i>Toxicology in Vitro</i> , 2005, 19, 725-735.	2.4	72
31	DNA Damage and Transcriptional Changes in the Gills of <i>Mytilus galloprovincialis</i> Exposed to Nanomolar Doses of Combined Metal Salts (Cd, Cu, Hg). <i>PLoS ONE</i> , 2013, 8, e54602.	2.5	68
32	Automated measurement of lysosomal structure alterations in oocytes of mussels exposed to petroleum hydrocarbons. <i>Archives of Environmental Contamination and Toxicology</i> , 1991, 21, 395-400.	4.1	67
33	Comparative toxicity of metal oxide nanoparticles (CuO, ZnO and TiO <sub>2</sub> ) to developing zebrafish embryos. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	67
34	Tissue- and cell-specific expression of metallothionein genes in cadmium- and copper-exposed mussels analyzed by in situ hybridization and RT-PCR. <i>Toxicology and Applied Pharmacology</i> , 2007, 220, 186-196.	2.8	66
35	Intersex and oocyte atresia in a mussel population from the Biosphere Reserve of Urdaibai (Bay of Biscay). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1078-1086.	1.0	66
36	Interactive effects of benzo(a)pyrene and cadmium and effects of di(2-ethylhexyl) phthalate on antioxidant and peroxisomal enzymes and peroxisomal volume density in the digestive gland of mussel <i>Mytilus galloprovincialis</i> Lmk. <i>Biomarkers</i> , 2002, 7, 33-48.	1.9	64

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37	Digestive lysosome enlargement induced by experimental exposure to metals (Cu, Cd, and Zn) in mussels collected from a zinc-polluted site. <i>Archives of Environmental Contamination and Toxicology</i> , 1994, 27, 338.	4.1	62
38	Induction of Peroxisomal Oxidases in Mussels: Comparison of Effects of Lubricant Oil and Benzo(a)pyrene with Two Typical Peroxisome Proliferators on Peroxisome Structure and Function in <i>Mytilus galloprovincialis</i> . <i>Toxicology and Applied Pharmacology</i> , 1998, 149, 64-72.	2.8	62
39	Intersex condition and molecular markers of endocrine disruption in relation with burdens of emerging pollutants in thicklip grey mullets ( <i>Chelon labrosus</i> ) from Basque estuaries (South-East Bay) Tj ETQq1 1 0z784314 r8BT /Ove	2.7	61
40	Peroxisomal proteomics, a new tool for risk assessment of peroxisome proliferating pollutants in the marine environment. <i>Proteomics</i> , 2005, 5, 3954-3965.	2.2	57
41	Use of polyclonal antibodies for the detection of changes induced by cadmium in lysosomes of aquatic organisms. <i>Science of the Total Environment</i> , 2000, 247, 201-212.	8.0	55
42	EFFECTS OF DIBUTYLPHTHALATE AND ETHYNYLESTRADIOL ON LIVER PEROXISOMES, REPRODUCTION, AND DEVELOPMENT OF ZEBRAFISH ( <i>DANIO RERIO</i> ). <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2394.	4.3	52
43	Changes in digestive cell lysosomal structure in mussels as biomarkers of environmental stress in the Urdaibai Estuary (Biscay coast, Iberian Peninsula). <i>Marine Pollution Bulletin</i> , 1995, 30, 599-603.	5.0	51
44	Assessment of biological effects of environmental pollution along the NW Mediterranean Sea using red mullets as sentinel organisms. <i>Environmental Pollution</i> , 2008, 153, 157-168.	7.5	49
45	Lysosomal responses in the digestive gland of the freshwater mussel, <i>Dreissena polymorpha</i> , experimentally exposed to cadmium. <i>Environmental Research</i> , 2005, 98, 210-214.	7.5	48
46	Cytotoxicity of TiO <sub>2</sub> nanoparticles to mussel hemocytes and gill cells <i>in vitro</i> : Influence of synthesis method, crystalline structure, size and additive. <i>Nanotoxicology</i> , 2015, 9, 543-553.	3.0	47
47	Effects of the 'Prestige' oil spill on cellular biomarkers in intertidal mussels: results of the first year of studies. <i>Marine Ecology - Progress Series</i> , 2006, 306, 177-189.	1.9	47
48	Effects of the fuel oil spilled by the Prestige tanker on reproduction parameters of wild mussel populations. <i>Journal of Environmental Monitoring</i> , 2011, 13, 84-94.	2.1	46
49	Cytotoxicity of Au, ZnO and SiO <sub>2</sub> NPs using <i>in vitro</i> assays with mussel hemocytes and gill cells: Relevance of size, shape and additives. <i>Nanotoxicology</i> , 2016, 10, 1-9.	3.0	46
50	Intracellular localization and toxicity of graphene oxide and reduced graphene oxide nanoplatelets to mussel hemocytes <i>in vitro</i> . <i>Aquatic Toxicology</i> , 2017, 188, 138-147.	4.0	46
51	Cell biology of peroxisomes and their characteristics in aquatic organisms. <i>International Review of Cytology</i> , 2000, 199, 201-293.	6.2	44
52	Comparison of cytochemical procedures to estimate lysosomal biomarkers in mussel digestive cells. <i>Aquatic Toxicology</i> , 2005, 75, 86-95.	4.0	44
53	Signs of recovery of mussels health two years after the Prestige oil spill. <i>Marine Environmental Research</i> , 2006, 62, S337-S341.	2.5	44
54	Effects of metal-bearing nanoparticles (Ag, Au, CdS, ZnO, SiO <sub>2</sub> ) on developing zebrafish embryos. <i>Nanotechnology</i> , 2016, 27, 325102.	2.6	44

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55	Nanoparticle size and combined toxicity of TiO <sub>2</sub> and DSLS (surfactant) contribute to lysosomal responses in digestive cells of mussels exposed to TiO <sub>2</sub> nanoparticles. <i>Nanotoxicology</i> , 2016, 10, 1168-1176.	3.0	43
56	Expression of peroxisome proliferator-activated receptors in the liver of gray mullet ( <i>Mugil</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 702 Td	1.8	42
57	Endocrine disruption in thicklip grey mullet ( <i>Chelon labrosus</i> ) from the Urdaibai Biosphere Reserve (Bay of Biscay, Southwestern Europe). <i>Science of the Total Environment</i> , 2013, 443, 233-244.	8.0	42
58	Structure of Peroxisomes and Activity of the Marker Enzyme Catalase in Digestive Epithelial Cells in Relation to PAH Content of Mussels from Two Basque Estuaries (Bay of Biscay): Seasonal and Site-Specific Variations. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 36, 158-166.	4.1	40
59	Peroxisomal proteomics: Biomonitoring in mussels after the Prestige™s oil spill. <i>Marine Pollution Bulletin</i> , 2009, 58, 1815-1826.	5.0	40
60	Waterborne exposure of adult zebrafish to silver nanoparticles and to ionic silver results in differential silver accumulation and effects at cellular and molecular levels. <i>Science of the Total Environment</i> , 2018, 642, 1209-1220.	8.0	40
61	Light and Electron Microscopical Localization of Lysosomal Acid Hydrolases in Bivalve Haemocytes by Enzyme Cytochemistry.. <i>Acta Histochemica Et Cytochemica</i> , 1995, 28, 409-416.	1.6	38
62	Digestive cell lysosomes as main targets for Ag accumulation and toxicity in marine mussels, <i>Mytilus galloprovincialis</i> , exposed to maltose-stabilised Ag nanoparticles of different sizes. <i>Nanotoxicology</i> , 2017, 11, 168-183.	3.0	38
63	Effects of PVP/PEI coated and uncoated silver NPs and PVP/PEI coating agent on three species of marine microalgae. <i>Science of the Total Environment</i> , 2017, 577, 45-53.	8.0	38
64	Effects of selected xenoestrogens on liver peroxisomes, vitellogenin levels and spermatogenic cell proliferation in male zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 133-144.	2.6	37
65	Seasonality in cell and tissue-level biomarkers in <i>Mytilus galloprovincialis</i> : relevance for long-term pollution monitoring. <i>Aquatic Biology</i> , 2010, 9, 203-219.	1.4	37
66	Assessing the effects of treated and untreated urban discharges to estuarine and coastal waters applying selected biomarkers on caged mussels. <i>Marine Pollution Bulletin</i> , 2013, 77, 251-265.	5.0	35
67	Application of a battery of biomarkers in mussel digestive gland to assess long-term effects of the Prestige oil spill in Galicia and Bay of Biscay: Correlation and multivariate analysis. <i>Journal of Environmental Monitoring</i> , 2011, 13, 933.	2.1	34
68	Assessment of the effects of a marine urban outfall discharge on caged mussels using chemical and biomarker analysis. <i>Marine Pollution Bulletin</i> , 2012, 64, 563-573.	5.0	34
69	Health status of the Bilbao estuary: A review of data from a multidisciplinary approach. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 179, 124-134.	2.1	33
70	Short-term toxic effects of 1-naphthol on the digestive gland-gonad complex of the marine prosobranch <i>Littorina littorea</i> (L): A light microscopic study. <i>Archives of Environmental Contamination and Toxicology</i> , 1990, 19, 17-24.	4.1	32
71	Specificity of the peroxisome proliferation response in mussels exposed to environmental pollutants. <i>Aquatic Toxicology</i> , 2006, 78, S117-S123.	4.0	32
72	Distribution of Organic Microcontaminants, Butyltins, and Metals in Mussels From the Estuary of Bilbao. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 244-254.	4.1	32

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73	Application of two SH-based methods for metallothionein determination in mussels and intercalibration of the spectrophotometric method: laboratory and field studies in the Mediterranean Sea. <i>Biomarkers</i> , 2005, 10, 342-359.	1.9	31
74	Mugilid Fish Are Sentinels of Exposure to Endocrine Disrupting Compounds in Coastal and Estuarine Environments. <i>Marine Drugs</i> , 2014, 12, 4756-4782.	4.6	31
75	Determination of endocrine disrupting compounds and their metabolites in fish bile. <i>Science of the Total Environment</i> , 2015, 536, 261-267.	8.0	31
76	Comparative effects of the water accommodated fraction of three oils on mussels. 1. Survival, growth and gonad development. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 102, 103-112.	0.2	30
77	Regulation of xenobiotic transporter genes in liver and brain of juvenile thicklip grey mullets ( <i>Chelon labrosus</i> ) after exposure to Prestige-like fuel oil and to perfluorooctane sulfonate. <i>Gene</i> , 2012, 498, 50-58.	2.2	30
78	Developmental and reproductive toxicity of PVP/PEI-coated silver nanoparticles to zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 199, 59-68.	2.6	30
79	Polystyrene nanoplastics and microplastics can act as Trojan horse carriers of benzo(a)pyrene to mussel hemocytes in vitro. <i>Scientific Reports</i> , 2021, 11, 22396.	3.3	30
80	Autometallographic localization of protein-bound copper and zinc in the common winkle, <i>Littorina littorea</i> : A light microscopical study. <i>The Histochemical Journal</i> , 1996, 28, 689-701.	0.6	29
81	Effects of chronic exposure to dispersed oil on selected reproductive processes in adult blue mussels ( <i>Mytilus edulis</i> ) and the consequences for the early life stages of their larvae. <i>Marine Pollution Bulletin</i> , 2011, 62, 1437-1445.	5.0	29
82	Bioaccumulation, cellular and molecular effects in adult zebrafish after exposure to cadmium sulphide nanoparticles and to ionic cadmium. <i>Chemosphere</i> , 2020, 238, 124588.	8.2	27
83	Cloning and expression pattern of peroxisome proliferator-activated receptor $\alpha$ in the thicklip grey mullet <i>Chelon labrosus</i> . <i>Marine Environmental Research</i> , 2006, 62, S113-S117.	2.5	26
84	In vitro toxicity testing in hemocytes of the marine mussel <i>Mytilus galloprovincialis</i> (L.) to uncover mechanisms of action of the water accommodated fraction (WAF) of a naphthenic North Sea crude oil without and with dispersant. <i>Science of the Total Environment</i> , 2019, 670, 1084-1094.	8.0	26
85	Changes in protein expression in mussels <i>Mytilus galloprovincialis</i> dietarily exposed to PVP/PEI coated silver nanoparticles at different seasons. <i>Aquatic Toxicology</i> , 2019, 210, 56-68.	4.0	26
86	Glycosylation and sorting pathways of lysosomal enzymes in mussel digestive cells. <i>Cell and Tissue Research</i> , 2006, 324, 319-333.	2.9	25
87	Acute toxicity, bioaccumulation and effects of dietary transfer of silver from brine shrimp exposed to PVP/PEI-coated silver nanoparticles to zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 199, 69-80.	2.6	24
88	Cellular and molecular responses of adult zebrafish after exposure to CuO nanoparticles or ionic copper. <i>Ecotoxicology</i> , 2018, 27, 89-101.	2.4	24
89	Ultrastructural, immunocytochemical and morphometric characterization of liver peroxisomes in gray mullet, <i>Mugil cephalus</i> . <i>Cell and Tissue Research</i> , 1999, 297, 493-502.	2.9	21
90	Application of a battery of biomarkers in mussel digestive gland to assess long-term effects of the Prestige oil spill in Galicia and the Bay of Biscay: Lysosomal responses. <i>Journal of Environmental Monitoring</i> , 2011, 13, 901.	2.1	21

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91	Estrogenic effects of nonylphenol and octylphenol isomers in vitro by recombinant yeast assay (RYA) and in vivo with early life stages of zebrafish. <i>Science of the Total Environment</i> , 2014, 466-467, 1-10.	8.0	21
92	Uptake and effects of graphene oxide nanomaterials alone and in combination with polycyclic aromatic hydrocarbons in zebrafish. <i>Science of the Total Environment</i> , 2021, 775, 145669.	8.0	21
93	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphere Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010, 69, S63-S66.	2.5	20
94	Origin and distribution of polycyclic aromatic hydrocarbon pollution in sediment and fish from the biosphere reserve of Urdaibai (Bay of Biscay, Basque country, Spain). <i>Marine Environmental Research</i> , 2010, 70, 142-149.	2.5	20
95	Measuring biological responses at different levels of organisation to assess the effects of diffuse contamination derived from harbour and industrial activities in estuarine areas. <i>Marine Pollution Bulletin</i> , 2016, 103, 301-312.	5.0	20
96	HISTOCHEMISTRY OF OXIDASES IN SEVERAL TISSUES OF BIVALVE MOLLUSCS. <i>Cell Biology International</i> , 1997, 21, 575-584.	3.0	19
97	Synthesis methods influence characteristics, behaviour and toxicity of bare CuO NPs compared to bulk CuO and ionic Cu after in vitro exposure of <i>Ruditapes philippinarum</i> hemocytes. <i>Aquatic Toxicology</i> , 2018, 199, 285-295.	4.0	18
98	Dietary exposure of mussels to PVP/PEI coated Ag nanoparticles causes Ag accumulation in adults and abnormal embryo development in their offspring. <i>Science of the Total Environment</i> , 2019, 655, 48-60.	8.0	18
99	Bioaccumulation, tissue and cell distribution, biomarkers and toxicopathic effects of CdS quantum dots in mussels, <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 288-300.	6.0	18
100	Effects of dietary crude oil exposure on molecular and physiological parameters related to lipid homeostasis in polar cod ( <i>Boreogadus saida</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 206-207, 54-64.	2.6	17
101	Ultrastructural study of the short-term toxic effects of naphthalene on the kidney of the marine prosobranch <i>Littorina littorea</i> . <i>Journal of Invertebrate Pathology</i> , 1990, 55, 215-224.	3.2	16
102	Ultrastructural and cytochemical study of the Golgi complex of molluscan ( <i>Mytilus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (gallop	2.9	16
103	PCB77 (3,3,4,4-tetrachlorobiphenyl) co-exposure prolongs CYP1A induction, and sustains oxidative stress in B(a)P-exposed turbot, <i>Scophthalmus maximus</i> , in a long-term study. <i>Aquatic Toxicology</i> , 2008, 89, 65-74.	4.0	16
104	Comparative effects of the water accommodated fraction of three oils on mussels. Quantitative histochemistry of enzymes related to the detoxication metabolism. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 103, 369-377.	0.2	15
105	Peroxisomes in molluscs, characterization by subcellular fractionation combined with western blotting, immunohistochemistry, and immunocytochemistry. <i>Histochemistry and Cell Biology</i> , 2000, 113, 51-60.	1.7	15
106	Focused ultrasound-assisted acceleration of enzymatic hydrolysis of alkylphenols and 17 $\beta$ -oestradiol glucuronide in fish bile. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2307-2314.	3.7	15
107	Transcriptional responses of cancer-related genes in turbot <i>Scophthalmus maximus</i> and mussels <i>Mytilus edulis</i> exposed to heavy fuel oil no. 6 and styrene. <i>Ecotoxicology</i> , 2012, 21, 820-831.	2.4	15
108	Cloning and expression pattern of peroxisomal $\beta$ -oxidation genes palmitoyl-CoA oxidase, multifunctional protein and 3-ketoacyl-CoA thiolase in mussel <i>Mytilus galloprovincialis</i> and thicklip grey mullet <i>Chelon labrosus</i> . <i>Gene</i> , 2009, 443, 132-142.	2.2	14

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109	2-D difference gel electrophoresis approach to assess protein expression profiles in <i>Bathymodiolus azoricus</i> from Mid-Atlantic Ridge hydrothermal vents. <i>Journal of Proteomics</i> , 2011, 74, 2909-2919.	2.4	14
110	Retinoid X receptor (RXR), estrogen receptor (ER) and other nuclear receptors in tissues of the mussel <i>Mytilus galloprovincialis</i> : Cloning and transcription pattern. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2013, 165, 178-190.	1.8	14
111	Accumulation, Depuration, and Biological Effects of Polystyrene Microplastic Spheres and Adsorbed Cadmium and Benzo(a)pyrene on the Mussel <i>Mytilus galloprovincialis</i> . <i>Toxics</i> , 2022, 10, 18.	3.7	14
112	Analysis of the distribution of glycoconjugates in the digestive gland of the bivalve mollusc <i>Mytilus galloprovincialis</i> by conventional and lectin histochemistry. <i>Cell and Tissue Research</i> , 1997, 288, 591-602.	2.9	13
113	Cloning and expression pattern of peroxisome proliferator-activated receptors, estrogen receptor $\alpha$ and retinoid X receptor $\alpha$ in the thicklip grey mullet <i>Chelon labrosus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 26-35.	2.6	13
114	Seasonal variation of xanthine oxidoreductase activity in the digestive gland cells of the mussel <i>Mytilus galloprovincialis</i> : A biochemical, histochemical and immunochemical study. <i>Biology of the Cell</i> , 1999, 91, 605-615.	2.0	12
115	Short- and long-term responses and recovery of mussels <i>Mytilus edulis</i> exposed to heavy fuel oil no. 6 and styrene. <i>Ecotoxicology</i> , 2014, 23, 861-879.	2.4	12
116	Construction and characterization of a forward subtracted library of blue mussels <i>Mytilus edulis</i> for the identification of gene transcription signatures and biomarkers of styrene exposure. <i>Marine Pollution Bulletin</i> , 2013, 71, 230-239.	5.0	11
117	Protein expression profiles in <i>Bathymodiolus azoricus</i> exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 621-630.	6.0	11
118	D-Aspartate oxidase and D-amino acid oxidase are localised in the peroxisomes of terrestrial gastropods. <i>European Journal of Cell Biology</i> , 2001, 80, 651-660.	3.6	10
119	Cloning and transcription of nuclear receptors and other toxicologically relevant genes, and exposure biomarkers in European hake ( <i>Merluccius merluccius</i> ) after the Prestige oil spill. <i>Marine Genomics</i> , 2009, 2, 201-213.	1.1	10
120	Assessment of lysosomal membrane stability and peroxisome proliferation in the head kidney of Atlantic cod ( <i>Gadus morhua</i> ) following long-term exposure to produced water components. <i>Marine Environmental Research</i> , 2011, 72, 127-134.	2.5	10
121	Comparison of thiol subproteome of the vent mussel <i>Bathymodiolus azoricus</i> from different Mid-Atlantic Ridge vent sites. <i>Science of the Total Environment</i> , 2012, 437, 413-421.	8.0	10
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