

# Miren P Cajaraville

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/730862/publications.pdf>

Version: 2024-02-01

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	Red haloBODIPYs as theragnostic agents: The role of the substitution at meso position. <i>Dyes and Pigments</i> , 2022, 198, 110015.	3.7	5
2	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
3	Assessing Adverse Effects of Legacy and Emerging Contaminants in Fish Using Biomarker Analysis and Histopathology in Active Monitoring Scenarios. <i>Methods in Pharmacology and Toxicology</i> , 2022, , 131-157.	0.2	2
4	Screening of the Toxicity of Polystyrene Nano- and Microplastics Alone and in Combination with Benzo(a)pyrene in Brine Shrimp Larvae and Zebrafish Embryos. <i>Nanomaterials</i> , 2022, 12, 941.	4.1	8
5	Lipidomic analysis of mussel hemocytes exposed to polystyrene nanoplastics. <i>Environmental Research</i> , 2022, 214, 113763.	7.5	5
6	Cell and tissue level responses in mussels <i>Mytilus galloprovincialis</i> dietarily exposed to PVP/PEI coated Ag nanoparticles at two seasons. <i>Science of the Total Environment</i> , 2021, 750, 141303.	8.0	4
7	Functionalization of Photosensitized Silica Nanoparticles for Advanced Photodynamic Therapy of Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6618.	4.1	7
8	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
9	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
10	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
11	Particle emission measurements in three scenarios of mechanical degradation of polypropylene-nanoclay nanocomposites. <i>Journal of Aerosol Science</i> , 2020, 150, 105629.	3.8	3
12	Immortalisation of primary human alveolar epithelial lung cells using a non-viral vector to study respiratory bioreactivity in vitro. <i>Scientific Reports</i> , 2020, 10, 20486.	3.3	7
13	Protein expression profiles in <i>Bathymodiolus azoricus</i> exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 621-630.	6.0	11
14	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
15	Season influences the transcriptomic effects of dietary exposure to PVP/PEI coated Ag nanoparticles on mussels <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 19-30.	2.6	2
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	In Vitro Testing. , 2019, , 62-98.		1
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	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
23	Assessment of the effects of discontinuous sources of contamination through biomarker analyses on caged mussels. <i>Science of the Total Environment</i> , 2018, 634, 116-126.	8.0	7
24	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
25	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
26	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
27	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
28	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
29	Intracellular localization and toxicity of graphene oxide and reduced graphene oxide nanoplatelets to mussel hemocytes in vitro. <i>Aquatic Toxicology</i> , 2017, 188, 138-147.	4.0	46
30	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
31	Hepatic gene transcription profiles in turbot ( <i>Scophthalmus maximus</i> ) experimentally exposed to heavy fuel oil n° 6 and to styrene. <i>Marine Environmental Research</i> , 2017, 123, 14-24.	2.5	7
32	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
33	Immortalisation of human alveolar epithelial cells to investigate the mechanistic effects of inhaled airborne materials in vitro. , 2017, , .		0
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Relationships between lines of evidence of pollution in estuarine areas: Linking contaminant levels with biomarker responses in mussels and with structure of macroinvertebrate benthic communities. <i>Marine Environmental Research</i> , 2016, 121, 49-63.	2.5	9
39	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
40	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
41	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
42	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
43	Steroidogenesis and phase II conjugation during the gametogenesis of thicklip grey mullet ( <i>Chelon</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 2015, 221, 144-155.	1.8	9
44	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
45	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 0.784314 rgBT /Ove	2.7	10
46	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
47	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
48	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
49	Estrogenic effects of nonylphenol and octylphenol isomers <i>in vitro</i> by recombinant yeast assay (RYA) and <i>in vivo</i> with early life stages of zebrafish. <i>Science of the Total Environment</i> , 2014, 466-467, 1-10.	8.0	21
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Biomarkers and transcription levels of cancer-related genes in cockles <i>Cerastoderma edule</i> from Galicia (NW Spain) with disseminated neoplasia. <i>Aquatic Toxicology</i> , 2013, 136-137, 101-111.	4.0	10
58	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
59	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
60	Responses of conventional and molecular biomarkers in turbot <i>Scophthalmus maximus</i> exposed to heavy fuel oil no. 6 and styrene. <i>Aquatic Toxicology</i> , 2012, 116-117, 116-128.	4.0	10
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
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

#	ARTICLE	IF	CITATIONS
73	Differential transcription of genes involved in peroxisome proliferation in thicklip grey mullets <i>Chelon labrosus</i> injected with benzo(a)pyrene. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 334-342.	2.6	7
74	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphereâ€™s Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010, 69, S63-S66.	2.5	20
75	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
76	Intersex and oocyte atresia in a mussel population from the Biosphereâ€™s Reserve of Urdaibai (Bay of) Tj ETQq0 0,0 rgBT /Overlock 10	6.0	66
77	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
78	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
79	Peroxisomal proteomics: Biomonitoring in mussels after the Prestigeâ€™s oil spill. <i>Marine Pollution Bulletin</i> , 2009, 58, 1815-1826.	5.0	40
80	Cloning and expression pattern of peroxisome proliferator-activated receptors, estrogen receptor $\beta$ and retinoid X receptor $\beta$ 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
81	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
82	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
83	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
84	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
85	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
86	Immunological and cytotoxicological responses of the Asian clam, <i>Corbicula fluminea</i> (M.), experimentally exposed to cadmium. <i>Biomarkers</i> , 2007, 12, 173-187.	1.9	4
87	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
88	Specificity of the peroxisome proliferation response in mussels exposed to environmental pollutants. <i>Aquatic Toxicology</i> , 2006, 78, S117-S123.	4.0	32
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	Cloning and expression pattern of peroxisomal enzymes in the mussel <i>Mytilus galloprovincialis</i> and in the thicklip grey mullet <i>Chelon labrosus</i> : Generation of new tools to study peroxisome proliferation. <i>Marine Environmental Research</i> , 2006, 62, S109-S112.	2.5	6
92	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
93	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
94	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
95	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
96	Glycosylation and sorting pathways of lysosomal enzymes in mussel digestive cells. <i>Cell and Tissue Research</i> , 2006, 324, 319-333.	2.9	25
97	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
98	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
99	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
100	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
101	Characterization of mussel gill cells in vivo and in vitro. <i>Cell and Tissue Research</i> , 2005, 321, 131-140.	2.9	89
102	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
103	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
104	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
105	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
106	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
107	Comparison of cytochemical procedures to estimate lysosomal biomarkers in mussel digestive cells. <i>Aquatic Toxicology</i> , 2005, 75, 86-95.	4.0	44
108	Expression of peroxisome proliferator-activated receptors in the liver of gray mullet ( <i>Mugil</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 62 Td (	1.8	42

#	ARTICLE	IF	CITATIONS
109	Biomonitoring of environmental pollution along the Basque coast, using molecular, cellular and tissue-level biomarkers: an integrative approach. Elsevier Oceanography Series, 2004, 70, 335-364.	0.1	7
110	Cytochemical and Histochemical Aspects of the Digestive Gland Cells of the Mussel <i>Mytilus galloprovincialis</i> (L.) in Relation to Function. Journal of Molecular Histology, 2003, 35, 501-509.	2.2	72
111	Peroxisomes: At the leading edge of current cell biology. Microscopy Research and Technique, 2003, 61, 117-120.	2.2	1
112	Peroxisome proliferation as a biomarker in environmental pollution assessment. Microscopy Research and Technique, 2003, 61, 191-202.	2.2	127
113	Comparative effects of cadmium, copper, paraquat and benzo[a]pyrene on the actin cytoskeleton and production of reactive oxygen species (ROS) in mussel haemocytes. Toxicology in Vitro, 2003, 17, 539-546.	2.4	154
114	Oxygen radicals production and actin filament disruption in bivalve haemocytes treated with benzo(a)pyrene. Marine Environmental Research, 2002, 54, 431-436.	2.5	79
115	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). Aquatic Toxicology, 2002, 58, 75-98.	4.0	260
116	Expression of peroxisome proliferator-activated receptors in zebrafish ( <i>Danio rerio</i> ). Histochemistry and Cell Biology, 2002, 118, 231-239.	1.7	82
117	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. Biomarkers, 2002, 7, 33-48.	1.9	64
118	Cellular and subcellular distribution of metals in molluscs. Microscopy Research and Technique, 2002, 56, 358-392.	2.2	401
119	In vitro effects of cadmium on two different animal cell models. Toxicology in Vitro, 2001, 15, 511-517.	2.4	120
120	D-Aspartate oxidase and D-amino acid oxidase are localised in the peroxisomes of terrestrial gastropods. European Journal of Cell Biology, 2001, 80, 651-660.	3.6	10
121	Immunocytochemical localization of a urate oxidase immunoreactive protein in the plasma membranes and membranes of the secretory/endocytic compartments of digestive gland cells of the mussel <i>Mytilus galloprovincialis</i> . European Journal of Cell Biology, 2000, 79, 35-40.	3.6	4
122	Immunolocalization of four antioxidant enzymes in digestive glands of mollusks and crustaceans and fish liver. Histochemistry and Cell Biology, 2000, 114, 393-404.	1.7	95
123	Peroxisomes in molluscs, characterization by subcellular fractionation combined with western blotting, immunohistochemistry, and immunocytochemistry. Histochemistry and Cell Biology, 2000, 113, 51-60.	1.7	15
124	Use of polyclonal antibodies for the detection of changes induced by cadmium in lysosomes of aquatic organisms. Science of the Total Environment, 2000, 247, 201-212.	8.0	55
125	Cell biology of peroxisomes and their characteristics in aquatic organisms. International Review of Cytology, 2000, 199, 201-293.	6.2	44
126	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. Archives of Environmental Contamination and Toxicology, 1999, 36, 158-166.	4.1	40



#	ARTICLE	IF	CITATIONS
127	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
128	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
129	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	3
130	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
131	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
132	HISTOCHEMISTRY OF OXIDASES IN SEVERAL TISSUES OF BIVALVE MOLLUSCS. <i>Cell Biology International</i> , 1997, 21, 575-584.	3.0	19
133	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
134	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
135	Ultrastructural and cytochemical study of the Golgi complex of molluscan ( <i>Mytilus</i> ) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 42	2.9	16
136	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
137	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
138	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
139	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
140	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
141	Histochemical Localization of Gamma-Glutamyl Transpeptidase in Midgut Tissues of Marine Mussels.. <i>Acta Histochemica Et Cytochemica</i> , 1993, 26, 423-428.	1.6	0
142	Comparative effects of the water accommodated fraction of three oils on musselsâ€™3. 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
143	Comparative effects of the water accommodated fraction of three oils on musselsâ€™1. Survival, growth and gonad development. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 102, 103-112.	0.2	30
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Grafeno oxidoak bakarrik eta adsorbatutako bentzo(a)pirenoarekin itsas muskuiluetan eragindako kalteak. , 0, , .		0