

# Urtzi Izagirre

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,285  
citations

331670

21  
h-index

377865

34  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in chemical contaminants bioaccumulation and ecotoxicology biomarkers in <i>Mytilus edulis</i> and <i>Mytilus galloprovincialis</i> and their hybrids. <i>Environmental Pollution</i> , 2022, 292, 118328.	7.5	7
2	Infection Rate in Seabasses Fed with Viscera Parasitised by Anisakid Larvae. <i>Acta Parasitologica</i> , 2022, 67, 835-841.	1.1	3
3	Toxicity to sea urchin embryos of crude and bunker oils weathered under ice alone and mixed with dispersant. <i>Marine Pollution Bulletin</i> , 2022, 175, 113345.	5.0	1
4	Variability and distribution of parasites, pathologies and their effect on wild mussels ( <i>Mytilus</i> sp) in different environments along a wide latitudinal span in the Northern Atlantic and Arctic Oceans. <i>Marine Environmental Research</i> , 2022, 176, 105585.	2.5	5
5	Chemical characterization of oil and water accommodated fraction (WAF) at different temperatures. <i>Results in Engineering</i> , 2022, 14, 100433.	5.1	3
6	Biological responses and toxicopathic effects elicited in <i>Solea senegalensis</i> juveniles by waterborne exposure to benzo[a]pyrene. <i>Marine Environmental Research</i> , 2021, 170, 105351.	2.5	6
7	Integrated biological response to environmentally-relevant concentration of amitriptyline in <i>Sparus aurata</i> . <i>Ecological Indicators</i> , 2021, 130, 108028.	6.3	6
8	Influence of dispersant application on the toxicity to sea urchin embryos of crude and bunker oils representative of prospective oil spill threats in Arctic and Sub-Arctic seas. <i>Marine Pollution Bulletin</i> , 2021, 172, 112922.	5.0	13
9	Organotropism and biomarker response in oyster <i>Crassostrea gigas</i> exposed to platinum in seawater. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3584-3599.	5.3	6
10	Biological responses and toxicopathic effects elicited in <i>Solea senegalensis</i> juveniles on exposure to contaminated sediments under laboratory conditions. <i>Science of the Total Environment</i> , 2020, 731, 138849.	8.0	6
11	Application of the Sea Urchin Embryo Test in Toxicity Evaluation and Effect-Directed Analysis of Wastewater Treatment Plant Effluents. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8890-8899.	10.0	19
12	Sex and sex-related differences in gamete development progression impinge on biomarker responsiveness in sentinel mussels. <i>Science of the Total Environment</i> , 2020, 740, 140178.	8.0	15
13	Food-type may jeopardize biomarker interpretation in mussels used in aquatic toxicological experimentation. <i>PLoS ONE</i> , 2019, 14, e0220661.	2.5	8
14	Influence of season-depending ecological variables on biomarker baseline levels in mussels ( <i>Mytilus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.0	27
15	Amitriptyline at an Environmentally Relevant Concentration Alters the Profile of Metabolites Beyond Monoamines in Giltâ€Head Bream. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 965-977.	4.3	11
16	Multi-annual survey of health status disturbance in the Bilbao estuary (Bay of Biscay) based on sediment chemistry and juvenile sole ( <i>Solea</i> spp.) histopathology. <i>Marine Pollution Bulletin</i> , 2019, 145, 126-137.	5.0	11
17	Collection and transport of sentinel mussels in biomarker-based coastal pollution monitoring: Current flaws and reliable practices. <i>Ecological Indicators</i> , 2019, 103, 722-734.	6.3	13
18	Prospective biomonitor and sentinel bivalve species for pollution monitoring and ecosystem health disturbance assessment in mangroveâ€lined Nicaraguan coasts. <i>Science of the Total Environment</i> , 2019, 649, 186-200.	8.0	21

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19	Interactive effects of osmotic stress and burrowing activity on protein metabolism and muscle capacity in the soft shell clam <i>Mya arenaria</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 228, 81-93.	1.8	26
20	The influence of short-term experimental fasting on biomarker responsiveness in oil WAF exposed mussels. <i>Aquatic Toxicology</i> , 2019, 206, 164-175.	4.0	20
21	Enhanced discrimination of basophilic cells on mussel digestive gland tissue sections by means of toluidine-eosin staining. <i>Journal of Invertebrate Pathology</i> , 2019, 161, 29-39.	3.2	6
22	Effects of dietary Pb and Cd and their combination on lysosomal and tissue-level biomarkers and histopathology in digestive gland of the land snail, <i>Cantareus apertus</i> (Born, 1778). <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 301-310.	6.0	9
23	Assessment of ecosystem health disturbance in mangrove-lined Caribbean coastal systems using the oyster <i>Crassostrea rhizophorae</i> as sentinel species. <i>Science of the Total Environment</i> , 2018, 618, 718-735.	8.0	39
24	Tracing platinum accumulation kinetics in oyster <i>Crassostrea gigas</i> , a sentinel species in coastal marine environments. <i>Science of the Total Environment</i> , 2018, 615, 652-663.	8.0	15
25	Toxicology tailored low density oligonucleotide microarray for the thicklip grey mullets ( <i>Chelon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Environmental Research</i> , 2018, 140, 265-277.	2.5	2
26	Study of bioconcentration of oxybenzone in gilt-head bream and characterization of its by-products. <i>Chemosphere</i> , 2018, 208, 399-407.	8.2	19
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	Bioconcentration and Biotransformation of Amitriptyline in Gilt-Head Bream. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2464-2471.	10.0	20
29	Integrative biomarker assessment of the effects of chemically and mechanically dispersed crude oil in Pacific oysters, <i>Crassostrea gigas</i> . <i>Science of the Total Environment</i> , 2017, 598, 713-721.	8.0	20
30	Lysosomal responses to different gold forms (nanoparticles, aqueous, bulk) in mussel digestive cells: a trade-off between the toxicity of the capping agent and form, size and exposure concentration. <i>Nanotoxicology</i> , 2017, 11, 658-670.	3.0	9
31	Biotransformation of 8:2 polyfluoroalkyl phosphate diester in gilthead bream ( <i>Sparus aurata</i> ). <i>Science of the Total Environment</i> , 2017, 609, 1085-1092.	8.0	23
32	Successive Onset of Molecular, Cellular and Tissue-Specific Responses in Midgut Gland of <i>Littorina littorea</i> Exposed to Sub-Lethal Cadmium Concentrations. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1815.	4.1	25
33	Chronic environmental stress enhances tolerance to seasonal gradual warming in marine mussels. <i>PLoS ONE</i> , 2017, 12, e0174359.	2.5	27
34	Differences in copper bioaccumulation and biological responses in three <i>Mytilus</i> species. <i>Aquatic Toxicology</i> , 2015, 160, 1-12.	4.0	33
35	A paradigm shift in safe seafood production: From contaminant detection to fish monitoring – Application of biological warning systems to aquaculture. <i>Trends in Food Science and Technology</i> , 2015, 43, 104-113.	15.1	23
36	Lysosomal responses to heat-shock of seasonal temperature extremes in Cd-exposed mussels. <i>Aquatic Toxicology</i> , 2015, 164, 99-107.	4.0	16

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37	Season-dependent effects of elevated temperature on stress biomarkers, energy metabolism and gamete development in mussels. <i>Marine Environmental Research</i> , 2015, 103, 1-10.	2.5	56
38	Combining chemical and biological endpoints, a major challenge for twenty-first century's environmental specimen banks. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1631-1634.	5.3	5
39	Zonation in the digestive tract of <i>Eisenia fetida</i> : Implications in biomarker measurements for toxicity assessment. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 160, 42-53.	2.6	5
40	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> , 2014, 149, 145-156.	4.0	57
41	Lysosomal and tissue-level biomarkers in mussels cross-transplanted among four estuaries with different pollution levels. <i>Science of the Total Environment</i> , 2014, 472, 36-48.	8.0	27
42	Health status assessment through an integrative biomarker approach in mussels of different ages with a different history of exposure to the Prestige oil spill. <i>Science of the Total Environment</i> , 2014, 493, 65-78.	8.0	24
43	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
44	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
45	Sampling strategy; are we changing the photograph of the environmental health?. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 163, S13.	1.8	0
46	Metal pollution assessment in different seasons of the year in the Oka river estuary using cell and tissue level biomarkers in oysters. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 163, S21.	1.8	0
47	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
48	Integrated biomarker assessment of the effects exerted by treated produced water from an onshore natural gas processing plant in the North Sea on the mussel <i>Mytilus edulis</i> . <i>Marine Pollution Bulletin</i> , 2011, 62, 327-339.	5.0	58
49	Molecular mechanisms of tributyltin-induced pathogenesis in thicklip grey mullets <i>Chelon labrosus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2010, 157, S3-S4.	1.8	0
50	Cell and tissue level responses to gradual temperature raising in digestive gland of mussels from sites with different levels of environmental stress. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2010, 157, S16.	1.8	0
51	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
52	$\beta$ -Glucuronidase and hexosaminidase are marker enzymes for different compartments of the endo-lysosomal system in mussel digestive cells. <i>Cell and Tissue Research</i> , 2009, 335, 441-454.	2.9	11
53	Time-course study of the early lysosomal responses to pollutants in mussel digestive cells using acid phosphatase as lysosomal marker enzyme. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 587-597.	2.6	9
54	Lysosomal enlargement and lysosomal membrane destabilisation in mussel digestive cells measured by an integrative index. <i>Environmental Pollution</i> , 2009, 157, 1544-1553.	7.5	58

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55	Natural variability in size and membrane stability of lysosomes in mussel digestive cells: seasonal and tidal zonation. <i>Marine Ecology - Progress Series</i> , 2008, 372, 105-117.	1.9	33
56	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
57	Lysosomal enlargement in digestive cells of mussels exposed to cadmium, benzo[a]pyrene and their combination. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 188-193.	2.6	20
58	Lurzoru kutsatuen karakterizazio intentsiboa in vivo eta in silico fokatzek erabiliz. <i>Ekaia (journal)</i> , 0, , .	0.0	0
59	Araztegi lokatzak jasotako lurzoruen analisi toxikologikoa zizare eta landareak erabiliz. <i>Ekaia (journal)</i> , 0, , .	0.0	0