

Amparo Torreblanca

List of Publications by Year in descending order

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62
papers

1,346
citations

331538

21
h-index

395590

33
g-index

65
all docs

65
docs citations

65
times ranked

1755
citing authors

#	ARTICLE	IF	CITATIONS
1	The combined use of chemical and biochemical markers to assess water quality along the Ebro River. Environmental Pollution, 2006, 139, 330-339.	3.7	128
2	Time-dependent effects of polystyrene nanoparticles in brine shrimp Artemia franciscana at physiological, biochemical and molecular levels. Science of the Total Environment, 2019, 675, 570-580.	3.9	115
3	Chemical, biochemical and cellular responses in the digestive gland of the mussel Mytilus galloprovincialis from the Spanish Mediterranean coast. Biomarkers, 2001, 6, 335-350.	0.9	61
4	Long-term effect of temperature on bioaccumulation of dietary metals and metallothionein induction in Sparus aurata. Chemosphere, 2012, 87, 1215-1221.	4.2	51
5	The role of metallothionein and selenium in metal detoxification in the liver of deep-sea fish from the NW Mediterranean Sea. Science of the Total Environment, 2014, 466-467, 898-905.	3.9	50
6	Metal and metallothionein content in tissues from wild and farmed Anguilla anguilla at commercial size. Environment International, 2007, 33, 532-539.	4.8	45
7	Comparing the acute response to cadmium toxicity of nauplii from different populations of Artemia. Environmental Toxicology and Chemistry, 2002, 21, 437-444.	2.2	41
8	Effects of temperature on the acute toxicity of heavy metals (Cr, Cd, and Hg) to the freshwater crayfish, Procambarus clarkii (Girard). Bulletin of Environmental Contamination and Toxicology, 1987, 38, 736-741.	1.3	39
9	Quantification of cadmium-induced metallothionein in crustaceans by the silver-saturation method. Marine Environmental Research, 1995, 39, 121-125.	1.1	38
10	Effect of cadmium exposure on zinc levels in the brine shrimp Artemia parthenogenetica. Aquaculture, 1999, 172, 315-325.	1.7	37
11	Determination of lead in treated crayfish Procambarus clarkii: Accumulation in different tissues. Bulletin of Environmental Contamination and Toxicology, 1988, 41, 412-418.	1.3	33
12	Gold-nanoparticles ingestion disrupts reproduction and development in the German cockroach. Science of the Total Environment, 2016, 565, 882-888.	3.9	31
13	Cadmium accumulation in the crayfish, Procambarus clarkii, using graphite furnace atomic absorption spectroscopy. Bulletin of Environmental Contamination and Toxicology, 1986, 37, 722-729.	1.3	27
14	Multibiomarker approach to fipronil exposure in the fish Dicentrarchus labrax under two temperature regimes. Aquatic Toxicology, 2020, 219, 105378.	1.9	27
15	Effect of ivermectin on the liver of gilthead sea bream Sparus aurata: A proteomic approach. Chemosphere, 2010, 80, 570-577.	4.2	26
16	Effect of virgin low density polyethylene microplastic ingestion on intestinal histopathology and microbiota of gilthead sea bream. Aquaculture, 2021, 545, 737245.	1.7	26
17	Cadmium effect on zinc metabolism in human trophoblast cells: involvement of cadmium-induced metallothionein. Toxicology, 1992, 72, 167-174.	2.0	24
18	Short-term exposure of the European sea bass Dicentrarchus labrax to copper-based antifouling treated nets: Copper bioavailability and biomarkers responses. Chemosphere, 2012, 89, 1091-1097.	4.2	24

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19	Metal concentrations and detoxification mechanisms in <i>Solea solea</i> and <i>Solea senegalensis</i> from NW Mediterranean fishing grounds. <i>Marine Pollution Bulletin</i> , 2013, 77, 90-99.	2.3	24
20	Effects of low mercury concentration exposure on hatching, growth and survival in the <i>Artemia</i> strain La Mata parthenogenetic diploid. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 120, 93-97.	0.8	23
21	Modulation of metallothionein and metal partitioning in liver and kidney of <i>Solea senegalensis</i> after long-term acclimation to two environmental temperatures. <i>Environmental Research</i> , 2014, 132, 197-205.	3.7	22
22	Cadmium induced metallothionein in hepatopancreas of <i>Procambarus clarkii</i> : Quantification by a silver-saturation method. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1993, 105, 263-267.	0.2	21
23	Sublethal zinc exposure has a detrimental effect on reproductive performance but not on the cyst hatching success of <i>Artemia parthenogenetica</i> . <i>Science of the Total Environment</i> , 2008, 398, 48-52.	3.9	21
24	Effect of sublethal concentrations of copper sulphate on seabream <i>Sparus aurata</i> fingerlings. <i>Aquatic Living Resources</i> , 2007, 20, 263-270.	0.5	20
25	Ring test for whole-sediment toxicity assay with a benthic marine diatom. <i>Science of the Total Environment</i> , 2010, 408, 822-828.	3.9	20
26	Evaluation of the effects of titanium dioxide and aluminum oxide nanoparticles through tarsal contact exposure in the model insect <i>Oncopeltus fasciatus</i> . <i>Science of the Total Environment</i> , 2019, 666, 759-765.	3.9	19
27	Gill ATPase activity in <i>Procambarus clarkii</i> as an indicator of heavy metal pollution. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1989, 42, 829-834.	1.3	18
28	Effects of cadmium on the biochemical composition of the freshwater crayfish <i>Procambarus clarkii</i> (Girard, 1852). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1991, 47, 933-938.	1.3	17
29	Proteomic evaluation of potentiated sulfa treatment on gilthead sea bream (<i>Sparus aurata</i> L.) liver. <i>Aquaculture</i> , 2013, 376-379, 36-44.	1.7	17
30	Cadmium, mercury, and lead effects on gill tissue of freshwater crayfish <i>Procambarus clarkii</i> (Girard). <i>Biological Trace Element Research</i> , 1989, 21, 343-347.	1.9	16
31	Xenobiotic metabolism modulation after long-term temperature acclimation in juveniles of <i>Solea senegalensis</i> . <i>Marine Biology</i> , 2015, 162, 401-412.	0.7	15
32	Oxygen uptake and gill morphological alterations in <i>Procambarus clarkii</i> (Girard) after sublethal exposure to lead. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1987, 86, 219-224.	0.2	14
33	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.	1.2	14
34	Machine learning-based models to predict modes of toxic action of phenols to <i>Tetrahymena pyriformis</i> . <i>SAR and QSAR in Environmental Research</i> , 2017, 28, 735-747.	1.0	14
35	Effects of cadmium exposure on the ultrastructure of hepatopancreatic cells of <i>Thais haemastoma</i> (gastropoda, prosobranchia). <i>Marine Environmental Research</i> , 1993, 35, 47-51.	1.1	13
36	Metallothionein in the freshwater gastropod <i>Melanopsis dufouri</i> chronically exposed to cadmium: A methodological approach. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 779-787.	2.9	13

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37	Developmental and Reproductive Effects of Low Cadmium Concentration on Artemia parthenogenetica. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 1065-1071.	0.9	12
38	Comparative Toxicokinetics of Cadmium in Artemia. Archives of Environmental Contamination and Toxicology, 2006, 50, 111-120.	2.1	12
39	Drugs of environmental concern modify Solea senegalensis physiology and biochemistry in a temperature-dependent manner. Environmental Science and Pollution Research, 2016, 23, 20937-20951.	2.7	12
40	Histological and electron microscopical observations on the effects of lead on gills and midgut gland of Procambarus clarkii. Toxicological and Environmental Chemistry, 1991, 31, 347-352.	0.6	11
41	Cadmium toxicity, accumulation and metallothionein induction in echinogammarus echinosetosus. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1996, 31, 1605-1617.	0.1	11
42	Genetic and phenotypic differentiation of zebra mussel populations colonizing Spanish river basins. Ecotoxicology, 2013, 22, 915-928.	1.1	11
43	Effects of ibuprofen and carbamazepine on the ion transport system and fatty acid metabolism of temperature conditioned juveniles of Solea senegalensis. Ecotoxicology and Environmental Safety, 2018, 148, 693-701.	2.9	11
44	Protein expression profiles in Bathymodiolus azoricus exposed to cadmium. Ecotoxicology and Environmental Safety, 2019, 171, 621-630.	2.9	11
45	Effect of short-term exposure to fluorescent red polymer microspheres on Artemia franciscana nauplii and juveniles. Environmental Science and Pollution Research, 2022, 29, 6080-6092.	2.7	11
46	Cadmium-binding proteins in midgut gland of freshwater crayfish Procambarus clarkii. Bulletin of Environmental Contamination and Toxicology, 1989, 42, 241-246.	1.3	10
47	Effect of cadmium pre-exposure in cadmium accumulation by brine shrimp Artemia: Involvement of low-molecular-weight cadmium-binding ligands. Marine Environmental Research, 1993, 35, 29-33.	1.1	10
48	Comparison of thiol subproteome of the vent mussel Bathymodiolus azoricus from different Mid-Atlantic Ridge vent sites. Science of the Total Environment, 2012, 437, 413-421.	3.9	10
49	Prediction of Aquatic Toxicity of Benzene Derivatives to Tetrahymena pyriformis According to OECD Principles. Current Pharmaceutical Design, 2016, 22, 5085-5094.	0.9	10
50	Oxygen uptake by excised gills of Procambarus clarkii (Girard) from albufera lake of Valencia, Spain, under heavy metal treatments. Bulletin of Environmental Contamination and Toxicology, 1986, 36, 912-917.	1.3	9
51	Effects of sublethal exposure to lead on levels of energetic compounds in Procambarus clarkii (Girard, 1852). Bulletin of Environmental Contamination and Toxicology, 1994, 52, 729-733.	1.3	9
52	Carbamazepine exposure in the sea anemones Anemonia sulcata and Actinia equina: Metabolite identification and physiological responses. Science of the Total Environment, 2020, 744, 140891.	3.9	9
53	Cadmium binding proteins induced in exposed freshwater crayfish Procambarus clarkii. Biological Trace Element Research, 1989, 21, 75-80.	1.9	7
54	Presence of Cd-binding proteins in pre-exposed and not pre-exposed cadmium brine shrimp Artemia. Toxicological and Environmental Chemistry, 1991, 31, 417-424.	0.6	6

#	ARTICLE	IF	CITATIONS
55	Changes in biochemical composition of gills, hepatopancreas and muscle of the red crayfish <i>Procambarus clarkii</i> (girard) after sublethal exposure to mercury. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 102, 247-252.	0.2	5
56	Determination of mercury by cold vapour technique in several tissues of treated American red crayfish (<i>Procambarus clarkii</i>). <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1988, 23, 351-358.	0.1	4
57	Effect of sublethal exposure to mercury in the biochemical composition of hepatopancreas in <i>Procambarus clarkii</i> during the recovery after starvation. <i>Marine Environmental Research</i> , 1993, 35, 73-77.	1.1	3
58	Assessment of the effects of orally administered ferrous sulfate on <i>Oncopeltus fasciatus</i> (Heteroptera: Lygaeidae). <i>Environmental Science and Pollution Research</i> , 2017, 24, 8551-8561.	2.7	3
59	COMPARING THE ACUTE RESPONSE TO CADMIUM TOXICITY OF NAUPLII FROM DIFFERENT POPULATIONS OF ARTEMIA. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 437.	2.2	2
60	Effect of 20-hydroxyecdysone administration on zinc, copper and metallothionein levels in <i>Procambarus clarkii</i> . <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996, 113, 201-204.	0.5	1
61	Effect of different hydrothermal vent conditions in the proteome of vent mussel <i>Bathymodiolus azoricus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, S20.	0.8	0
62	Effects of salinity acclimation on the proteome of the gilthead seabream (<i>Sparus aurata</i>) heart. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, S32.	0.8	0