

# 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	Effect of short-term exposure to fluorescent red polymer microspheres on <i>Artemia franciscana</i> nauplii and juveniles. <i>Environmental Science and Pollution Research</i> , 2022, 29, 6080-6092.	2.7	11
2	Effect of virgin low density polyethylene microplastic ingestion on intestinal histopathology and microbiota of gilthead sea bream. <i>Aquaculture</i> , 2021, 545, 737245.	1.7	26
3	Multibiomarker approach to fipronil exposure in the fish <i>Dicentrarchus labrax</i> under two temperature regimes. <i>Aquatic Toxicology</i> , 2020, 219, 105378.	1.9	27
4	Carbamazepine exposure in the sea anemones <i>Anemonia sulcata</i> and <i>Actinia equina</i> : Metabolite identification and physiological responses. <i>Science of the Total Environment</i> , 2020, 744, 140891.	3.9	9
5	Protein expression profiles in <i>Bathymodiolus azoricus</i> exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 621-630.	2.9	11
6	Time-dependent effects of polystyrene nanoparticles in brine shrimp <i>Artemia franciscana</i> at physiological, biochemical and molecular levels. <i>Science of the Total Environment</i> , 2019, 675, 570-580.	3.9	115
7	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
8	Effects of ibuprofen and carbamazepine on the ion transport system and fatty acid metabolism of temperature conditioned juveniles of <i>Solea senegalensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 693-701.	2.9	11
9	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
10	Machine learning-based models to predict modes of toxic action of phenols to <i>Tetrahymena pyriformis</i> . SAR and QSAR in <i>Environmental Research</i> , 2017, 28, 735-747.	1.0	14
11	Drugs of environmental concern modify <i>Solea senegalensis</i> physiology and biochemistry in a temperature-dependent manner. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20937-20951.	2.7	12
12	Gold-nanoparticles ingestion disrupts reproduction and development in the German cockroach. <i>Science of the Total Environment</i> , 2016, 565, 882-888.	3.9	31
13	Prediction of Aquatic Toxicity of Benzene Derivatives to <i>Tetrahymena pyriformis</i> According to OECD Principles. <i>Current Pharmaceutical Design</i> , 2016, 22, 5085-5094.	0.9	10
14	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
15	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
16	The role of metallothionein and selenium in metal detoxification in the liver of deep-sea fish from the NW Mediterranean Sea. <i>Science of the Total Environment</i> , 2014, 466-467, 898-905.	3.9	50
17	Genetic and phenotypic differentiation of zebra mussel populations colonizing Spanish river basins. <i>Ecotoxicology</i> , 2013, 22, 915-928.	1.1	11
18	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

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19	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
20	Short-term exposure of the European sea bass <i>Dicentrarchus labrax</i> to copper-based antifouling treated nets: Copper bioavailability and biomarkers responses. <i>Chemosphere</i> , 2012, 89, 1091-1097.	4.2	24
21	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.	3.9	10
22	Long-term effect of temperature on bioaccumulation of dietary metals and metallothionein induction in <i>Sparus aurata</i> . <i>Chemosphere</i> , 2012, 87, 1215-1221.	4.2	51
23	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
24	Ring test for whole-sediment toxicity assay with $\alpha$ -benthic marine diatom. <i>Science of the Total Environment</i> , 2010, 408, 822-828.	3.9	20
25	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
26	Effect of ivermectin on the liver of gilthead sea bream <i>Sparus aurata</i> : A proteomic approach. <i>Chemosphere</i> , 2010, 80, 570-577.	4.2	26
27	Effect of different hydrothermal vent conditions in the proteome of vent mussel <i>Bathymodiolus azoricus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 154, S20.	0.8	0
28	Effects of salinity acclimation on the proteome of the gilthead seabream ( <i>Sparus aurata</i> ) heart. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 154, S32.	0.8	0
29	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
30	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
31	Metal and metallothionein content in tissues from wild and farmed <i>Anguilla anguilla</i> at commercial size. <i>Environment International</i> , 2007, 33, 532-539.	4.8	45
32	The combined use of chemical and biochemical markers to assess water quality along the Ebro River. <i>Environmental Pollution</i> , 2006, 139, 330-339.	3.7	128
33	Comparative Toxicokinetics of Cadmium in <i>Artemia</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 111-120.	2.1	12
34	Developmental and Reproductive Effects of Low Cadmium Concentration on <i>Artemia parthenogenetica</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2003, 38, 1065-1071.	0.9	12
35	Comparing the acute response to cadmium toxicity of nauplii from different populations of <i>Artemia</i> . <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 437-444.	2.2	41
36	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

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37	Chemical, biochemical and cellular responses in the digestive gland of the mussel <i>Mytilus galloprovincialis</i> from the Spanish Mediterranean coast. <i>Biomarkers</i> , 2001, 6, 335-350.	0.9	61
38	Effect of cadmium exposure on zinc levels in the brine shrimp <i>Artemia parthenogenetica</i> . <i>Aquaculture</i> , 1999, 172, 315-325.	1.7	37
39	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 &amp; Integrative Physiology</i> , 1998, 120, 93-97.	0.8	23
40	Cadmium toxicity, accumulation and metallothionein induction in <i>Echinogammarus echinosetosus</i> . <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1996, 31, 1605-1617.	0.1	11
41	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
42	Quantification of cadmium-induced metallothionein in crustaceans by the silver-saturation method. <i>Marine Environmental Research</i> , 1995, 39, 121-125.	1.1	38
43	Effects of sublethal exposure to lead on levels of energetic compounds in <i>Procambarus clarkii</i> (Girard, 1852). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1994, 52, 729-733.	1.3	9
44	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
45	Effect of cadmium pre-exposure in cadmium accumulation by brine shrimp <i>Artemia</i> : Involvement of low-molecular-weight cadmium-binding ligands. <i>Marine Environmental Research</i> , 1993, 35, 29-33.	1.1	10
46	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
47	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
48	Cadmium effect on zinc metabolism in human trophoblast cells: involvement of cadmium-induced metallothionein. <i>Toxicology</i> , 1992, 72, 167-174.	2.0	24
49	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
50	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
51	Histological and electron microscopical observations on the effects of lead on gills and midgut gland of <i>Procambarus clarkii</i> . <i>Toxicological and Environmental Chemistry</i> , 1991, 31, 347-352.	0.6	11
52	Presence of Cd-binding proteins in pre-exposed and not pre-exposed cadmium brine shrimp <i>Artemia</i> . <i>Toxicological and Environmental Chemistry</i> , 1991, 31, 417-424.	0.6	6
53	Cadmium-binding proteins in midgut gland of freshwater crayfish <i>Procambarus clarkii</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1989, 42, 241-246.	1.3	10
54	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

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55	Cadmium binding proteins induced in exposed freshwater crayfish <i>Procambarus clarkii</i> . <i>Biological Trace Element Research</i> , 1989, 21, 75-80.	1.9	7
56	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
57	Determination of lead in treated crayfish <i>Procambarus clarkii</i> : Accumulation in different tissues. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1988, 41, 412-418.	1.3	33
58	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
59	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
60	Effects of temperature on the acute toxicity of heavy metals (Cr, Cd, and Hg) to the freshwater crayfish, <i>Procambarus clarkii</i> (Girard). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1987, 38, 736-741.	1.3	39
61	Cadmium accumulation in the crayfish, <i>Procambarus clarkii</i> , using graphite furnace atomic absorption spectroscopy. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 37, 722-729.	1.3	27
62	Oxygen uptake by excised gills of <i>Procambarus clarkii</i> (Girard) from albufera lake of Valencia, Spain, under heavy metal treatments. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 36, 912-917.	1.3	9