

Julian Blasco

List of Publications by Year in descending order

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202
papers

7,649
citations

46918

47
h-index

69108

77
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all docs

209
docs citations

209
times ranked

7920
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and toxicity of gold nanoparticles in <i>Mytilus edulis</i> . <i>Aquatic Toxicology</i> , 2010, 100, 178-186.	1.9	264
2	Sunscreen Products as Emerging Pollutants to Coastal Waters. <i>PLoS ONE</i> , 2013, 8, e65451.	1.1	186
3	Survey of Persistent Organochlorine Contaminants (PCBs, PCDD/Fs, and PAHs), Heavy Metals (Cu, Cd,) Tj ETQq1 1 0.784314 rgBT /O Journal of Agricultural and Food Chemistry, 2004, 52, 992-1001.	2.4	170
4	Nanoecotoxicity effects of engineered silver and gold nanoparticles in aquatic organisms. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 32, 40-59.	5.8	167
5	Acid and alkaline phosphatase activities in the clam <i>Scrobicularia plana</i> : kinetic characteristics and effects of heavy metals. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 131, 241-249.	0.7	139
6	Pollution biomarkers in two estuarine invertebrates, <i>Nereis diversicolor</i> and <i>Scrobicularia plana</i> , from a Marsh ecosystem in SW Spain. <i>Environment International</i> , 2009, 35, 523-531.	4.8	136
7	Are the primary characteristics of polystyrene nanoplastics responsible for toxicity and ad/absorption in the marine diatom <i>Phaeodactylum tricornutum</i> ?. <i>Environmental Pollution</i> , 2019, 249, 610-619.	3.7	122
8	Toxicity of silver and gold nanoparticles on marine microalgae. <i>Marine Environmental Research</i> , 2015, 111, 60-73.	1.1	120
9	Bioavailability of heavy metals bound to estuarine sediments as a function of pH and salinity values. <i>Chemical Speciation and Bioavailability</i> , 2003, 15, 101-114.	2.0	114
10	Chemical and ecotoxicological guidelines for managing disposal of dredged material. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 819-828.	5.8	98
11	Toxicity of copper oxide nanoparticles in the blue mussel, <i>Mytilus edulis</i> : A redox proteomic investigation. <i>Chemosphere</i> , 2014, 108, 289-299.	4.2	98
12	Direct and indirect effects of silver nanoparticles on freshwater and marine microalgae (<i>Chlamydomonas reinhardtii</i> and <i>Phaeodactylum tricornutum</i>). <i>Chemosphere</i> , 2017, 179, 279-289.	4.2	96
13	Biomarker responses to pollution in two invertebrate species: <i>Scrobicularia plana</i> and <i>Nereis diversicolor</i> from the Cádiz bay (SW Spain). <i>Marine Environmental Research</i> , 2004, 58, 275-279.	1.1	94
14	Demonstrating the Appropriateness of Developing Sediment Quality Guidelines Based on Sediment Geochemical Properties. <i>Environmental Science & Technology</i> , 2013, 47, 7483-7489.	4.6	92
15	Toxicity of TiO ₂ , in nanoparticle or bulk form to freshwater and marine microalgae under visible light and UV-A radiation. <i>Environmental Pollution</i> , 2017, 227, 39-48.	3.7	91
16	Sub-Lethal Effects of Copper to Benthic Invertebrates Explained by Sediment Properties and Dietary Exposure. <i>Environmental Science & Technology</i> , 2012, 46, 6835-6842.	4.6	87
17	Heavy metal fluxes at the sediment-water interface of three coastal ecosystems from south-west of the Iberian Peninsula. <i>Science of the Total Environment</i> , 2000, 247, 189-199.	3.9	85
18	Determining contamination sources in marine sediments using multivariate analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 1998, 17, 181-192.	5.8	84

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19	Effect of lead on ALA-D activity, metallothionein levels, and lipid peroxidation in blood, kidney, and liver of the toadfish <i>Halobatrachus didactylus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2003, 55, 116-125.	2.9	81
20	Biomarkers Study for Sediment Quality Assessment in Spanish Ports Using the Crab <i>Carcinus maenas</i> and the Clam <i>Ruditapes philippinarum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 66-76.	2.1	81
21	Field validation of a battery of biomarkers to assess sediment quality in Spanish ports. <i>Environmental Pollution</i> , 2008, 151, 631-640.	3.7	81
22	Effects of TiO ₂ nanoparticles and sunscreens on coastal marine microalgae: Ultraviolet radiation is key variable for toxicity assessment. <i>Environment International</i> , 2017, 98, 62-68.	4.8	81
23	Behaviour of Au-citrate nanoparticles in seawater and accumulation in bivalves at environmentally relevant concentrations. <i>Environmental Pollution</i> , 2013, 174, 134-141.	3.7	79
24	Influence of sediment acidification on the bioaccumulation of metals in <i>Ruditapes philippinarum</i> . <i>Environmental Science and Pollution Research</i> , 2010, 17, 1519-1528.	2.7	72
25	Spatial and Seasonal Variation of In Situ Benthic Fluxes in the Bay of Cadiz (South-west Spain). <i>Estuarine, Coastal and Shelf Science</i> , 1994, 39, 127-141.	0.9	69
26	Biomolecular coronas in invertebrate species: Implications in the environmental impact of nanoparticles. <i>NanoImpact</i> , 2017, 8, 89-98.	2.4	69
27	Acute Toxicity of LAS Homologues in Marine Microalgae: Esterase Activity and Inhibition Growth as Endpoints of Toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2001, 48, 287-292.	2.9	67
28	Lethal effects on different marine organisms, associated with sedimentâ€“seawater acidification deriving from CO ₂ leakage. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2550-2560.	2.7	67
29	Heavy metals in organisms of the River Guadalquivir estuary: possible incidence of the Aznalc��llar disaster. <i>Science of the Total Environment</i> , 1999, 242, 249-259.	3.9	66
30	Biomarkers as tools to assess sediment quality. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 807-818.	5.8	64
31	Predicting the Impacts of CO ₂ Leakage from Subseabed Storage: Effects of Metal Accumulation and Toxicity on the Model Benthic Organism <i>Ruditapes philippinarum</i> . <i>Environmental Science & Technology</i> , 2014, 48, 12292-12301.	4.6	63
32	Total and inorganic arsenic in the fauna of the Guadalquivir estuary: environmental and human health implications. <i>Science of the Total Environment</i> , 1999, 242, 261-270.	3.9	61
33	An integrated approach using bioaccumulation and biomarker measurements in female shore crab, <i>Carcinus maenas</i> . <i>Chemosphere</i> , 2005, 58, 615-626.	4.2	60
34	Environmental monitoring by gene expression biomarkers in <i>Barbus graellsii</i> : Laboratory and field studies. <i>Chemosphere</i> , 2007, 67, 1144-1154.	4.2	60
35	Simulation of CO ₂ leakages during injection and storage in sub-seabed geological formations: Metal mobilization and biota effects. <i>Environment International</i> , 2014, 68, 105-117.	4.8	60
36	Nanotechnology in aquaculture: Applications, perspectives and regulatory challenges. <i>Aquaculture and Fisheries</i> , 2022, 7, 185-200.	1.2	59

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37	Towards an integrated environmental risk assessment of emissions from ships' propulsion systems. <i>Environment International</i> , 2014, 66, 44-47.	4.8	58
38	Exposure of the blue mussel, <i>Mytilus edulis</i> , to gold nanoparticles and the pro-oxidant menadione. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 167-174.	1.3	57
39	Homoagglomeration and heteroagglomeration of TiO ₂ , in nanoparticle and bulk form, onto freshwater and marine microalgae. <i>Science of the Total Environment</i> , 2017, 592, 403-411.	3.9	56
40	Acid and alkaline phosphatase activities in the clam <i>Ruditapes philippinarum</i> . <i>Marine Biology</i> , 1993, 115, 113-118.	0.7	55
41	Calcium alginate immobilized marine microalgae: Experiments on growth and short-term heavy metal accumulation. <i>Marine Pollution Bulletin</i> , 2005, 51, 823-829.	2.3	55
42	Variations on stress defences and metallothionein levels in the Senegal sole, <i>Solea senegalensis</i> , during early larval stages. <i>Fish Physiology and Biochemistry</i> , 2004, 30, 57-66.	0.9	54
43	CeO ₂ NPs, toxic or protective to phytoplankton? Charge of nanoparticles and cell wall as factors which cause changes in cell complexity. <i>Science of the Total Environment</i> , 2017, 590-591, 304-315.	3.9	54
44	Assessing the effect of human pharmaceuticals (carbamazepine, diclofenac and ibuprofen) on the marine clam <i>Ruditapes philippinarum</i> : An integrative and multibiomarker approach. <i>Aquatic Toxicology</i> , 2019, 208, 146-156.	1.9	53
45	Distribution of Arsenic and Trace Metals in the Floodplain Agricultural Soil of Bangladesh. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 11-15.	1.3	52
46	Citrate gold nanoparticle exposure in the marine bivalve <i>Ruditapes philippinarum</i> : uptake, elimination and oxidative stress response. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17414-17424.	2.7	52
47	Effect of erythromycin and modulating effect of CeO ₂ NPs on the toxicity exerted by the antibiotic on the microalgae <i>Chlamydomonas reinhardtii</i> and <i>Phaeodactylum tricornutum</i> . <i>Environmental Pollution</i> , 2018, 242, 357-366.	3.7	50
48	Toxic effects of cisplatin cytostatic drug in mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2016, 119, 12-21.	1.1	48
49	Is the cell wall of marine phytoplankton a protective barrier or a nanoparticle interaction site? Toxicological responses of <i>Chlorella autotrophica</i> and <i>Dunaliella salina</i> to Ag and CeO ₂ nanoparticles. <i>Ecological Indicators</i> , 2018, 95, 1053-1067.	2.6	48
50	Heavy metal bioavailability and effects: I. Bioaccumulation caused by mining activities in the Gulf of Cádiz (SW, Spain). <i>Chemosphere</i> , 2005, 58, 659-669.	4.2	47
51	Immunotoxicity of polystyrene nanoplastics in different hemocyte subpopulations of <i>Mytilus galloprovincialis</i> . <i>Scientific Reports</i> , 2020, 10, 8637.	1.6	47
52	New metallothionein assay in <i>Scrobicularia plana</i> : Heating effect and correlation with other biomarkers. <i>Environmental Pollution</i> , 2008, 156, 1340-1347.	3.7	46
53	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. <i>Environmental Science and Pollution Research</i> , 2012, 19, 918-933.	2.7	46
54	A multiple stressor approach to study the toxicity and sub-lethal effects of pharmaceutical compounds on the larval development of a marine invertebrate. <i>Journal of Hazardous Materials</i> , 2013, 263, 233-238.	6.5	46

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55	Evaluation of Heavy Metal Sediment Toxicity in Littoral Ecosystems Using Juveniles of the Fish <i>Sparus aurata</i> . <i>Ecotoxicology and Environmental Safety</i> , 1998, 41, 157-167.	2.9	43
56	The use of bioaccumulation, biomarkers and histopathology diseases in shape <i>Procambarus clarkii</i> to establish bioavailability of Cd and Zn after a mining spill. <i>Environmental Monitoring and Assessment</i> , 2006, 116, 169-84.	1.3	43
57	Comparative toxicity of cadmium in the commercial fish species <i>Sparus aurata</i> and <i>Solea senegalensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 306-311.	2.9	43
58	ROI-scavenging enzyme activities as toxicity biomarkers in three species of marine microalgae exposed to model contaminants (copper, Irgarol and atrazine). <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 294-301.	2.9	42
59	Effect of heavy metals (Cu, Cd and Pb) on aspartate and alanine aminotransferase in <i>Ruditapes philippinarum</i> (Mollusca: Bivalvia). <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1999, 122, 253-263.	0.5	41
60	Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: the Ebro river basin case study. <i>Science of the Total Environment</i> , 2015, 503-504, 269-278.	3.9	40
61	Heavy metal bioavailability and effects: II. Histopathology and bioaccumulation relationships caused by mining activities in the Gulf of Cádiz (SW, Spain). <i>Chemosphere</i> , 2005, 58, 671-682.	4.2	39
62	Anionic surfactant linear alkylbenzene sulfonates (LAS) in sediments from the Gulf of Gdansk (southern Baltic Sea, Poland) and its environmental implications. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6013-6023.	1.3	39
63	Assessing lead toxicity in the clam <i>Ruditapes philippinarum</i> : Bioaccumulation and biochemical responses. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 193-203.	2.9	39
64	Cytotoxicity of CeO ₂ nanoparticles using in vitro assay with <i>Mytilus galloprovincialis</i> hemocytes: Relevance of zeta potential, shape and biocorona formation. <i>Aquatic Toxicology</i> , 2018, 200, 13-20.	1.9	39
65	Importance of Subcellular Metal Partitioning and Kinetics to Predicting Sublethal Effects of Copper in Two Deposit-Feeding Organisms. <i>Environmental Science & Technology</i> , 2015, 49, 1806-1814.	4.6	38
66	Oxidative stress and histopathology damage related to the metabolism of dodecylbenzene sulfonate in Senegalese sole. <i>Chemosphere</i> , 2009, 74, 1216-1223.	4.2	37
67	Is oxidative stress related to cadmium accumulation in the Mollusc <i>Crassostrea angulata</i> ?. <i>Aquatic Toxicology</i> , 2015, 161, 231-241.	1.9	37
68	Ingestion and bioaccumulation of polystyrene nanoplastics and their effects on the microalgal feeding of <i>Artemia franciscana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109853.	2.9	37
69	Sediment toxicity tests using benthic marine microalgae <i>Cylindrotheca closterium</i> (Ehremberg) Lewin and Reimann (Bacillariophyceae). <i>Ecotoxicology and Environmental Safety</i> , 2003, 54, 290-295.	2.9	36
70	Thallium in the marine environment: First ecotoxicological assessments in the Guadalquivir estuary and its potential adverse effect on the Doñana European natural reserve after the Aznalcollar mining spill (SW Spain). <i>Ciencias Marinas</i> , 1999, 25, 161-175.	0.4	36
71	Analysis of monitoring programmes and their suitability for ecotoxicological risk assessment in four Spanish basins. <i>Science of the Total Environment</i> , 2012, 440, 194-203.	3.9	35
72	Marine microalgae toxicity test for linear alkylbenzene sulfonate (LAS) and alkylphenol ethoxylate (APEO). <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 474-478.	1.5	34

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73	Multivariate methods and artificial neural networks in the assessment of the response of infaunal assemblages to sediment metal contamination and organic enrichment. <i>Science of the Total Environment</i> , 2013, 450-451, 289-300.	3.9	34
74	Are the TiO ₂ NPs a "Trojan horse" for personal care products (PCPs) in the clam <i>Ruditapes philippinarum</i> ?. <i>Chemosphere</i> , 2017, 185, 192-204.	4.2	33
75	Assessment of the health status of populations of the ragworm <i>Nereis diversicolor</i> using biomarkers at different levels of biological organisation. <i>Marine Ecology - Progress Series</i> , 2009, 393, 55-67.	0.9	33
76	Bioaccumulation and Toxicity of Dissolved Heavy Metals from the Guadalquivir Estuary After the Aznalc��llar Mining Spill Using <i>Ruditapes philippinarum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 48, 233-241.	2.1	32
77	Metabolic signatures associated with environmental pollution by metals in Do��ana National Park using <i>P. clarkii</i> as bioindicator. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13315-13323.	2.7	32
78	Metal bioavailability in freshwater sediment samples and their influence on ecological status of river basins. <i>Science of the Total Environment</i> , 2016, 540, 287-296.	3.9	31
79	Validation of reference genes for RT-qPCR in marine bivalve ecotoxicology: Systematic review and case study using copper treated primary <i>Ruditapes philippinarum</i> hemocytes. <i>Aquatic Toxicology</i> , 2017, 185, 86-94.	1.9	30
80	Biomarkers in <i>Nereis diversicolor</i> (Polychaeta: Nereididae) as management tools for environmental assessment on the southwest Iberian coast. <i>Scientia Marina</i> , 2013, 77, 69-78.	0.3	29
81	Evaluation of acute effects of four pharmaceuticals and their mixtures on the copepod <i>Tisbe battagliai</i> . <i>Chemosphere</i> , 2016, 155, 319-328.	4.2	29
82	Estuarine sediment toxicity tests on diatoms: Sensitivity comparison for three species. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 71, 278-286.	0.9	28
83	Sediment integrative assessment of the Bay of C��diz (Spain): An ecotoxicological and chemical approach. <i>Environment International</i> , 2009, 35, 831-841.	4.8	28
84	The use of a kinetic biomarker approach for in situ monitoring of littoral sediments using the crab <i>Carcinus maenas</i> . <i>Marine Environmental Research</i> , 2009, 68, 82-88.	1.1	28
85	Sediment toxicity tests involving immobilized microalgae (<i>Phaeodactylum tricornutum</i> Bohlin). <i>Environment International</i> , 2007, 33, 481-485.	4.8	27
86	Sensitivity of <i>Cylindrotheca closterium</i> to copper: Influence of three test endpoints and two test methods. <i>Science of the Total Environment</i> , 2010, 408, 3696-3703.	3.9	26
87	Molecular and cellular effects of contamination in aquatic ecosystems. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17261-17266.	2.7	26
88	Spatial avoidance as a response to contamination by aquatic organisms in nonforced, multicompartmented exposure systems: A complementary approach to the behavioral response. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 312-320.	2.2	26
89	Source and impact of lead contamination on �-aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cadiz. <i>Aquatic Toxicology</i> , 2011, 101, 146-154.	1.9	25
90	Spatial avoidance, inhibition of recolonization and population isolation in zebrafish (<i>Danio rerio</i>) caused by copper exposure under a non-forced approach. <i>Science of the Total Environment</i> , 2019, 653, 504-511.	3.9	25

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91	Assessment of pharmaceutical mixture (ibuprofen, ciprofloxacin and flumequine) effects to the crayfish <i>Procambarus clarkii</i> : A multilevel analysis (biochemical, transcriptional and proteomic) Tj ETQq1 1 0.784314.7gBT /Ovz5lock 107	4.7	25
92	Identification of a Potential Toxic Hot Spot Associated with AVS Spatial and Seasonal Variation. Archives of Environmental Contamination and Toxicology, 2009, 56, 416-425.	2.1	24
93	Trace metal concentrations in sediments from the southwest of the Iberian Peninsula. Scientia Marina, 2010, 74, 99-106.	0.3	24
94	STEM-in-SEM high resolution imaging of gold nanoparticles and bivalve tissues in bioaccumulation experiments. Analyst, The, 2015, 140, 3082-3089.	1.7	24
95	Bioaccumulation kinetics of copper in <i>Ruditapes philippinarum</i> exposed to increasing, continuous and pulsed exposure: Implications for growth. Science of the Total Environment, 2017, 595, 920-927.	3.9	24
96	Stress-driven emigration in complex field scenarios of habitat disturbance: The heterogeneous multi-habitat assay system (HeMHAS). Science of the Total Environment, 2018, 644, 31-36.	3.9	24
97	A comparative study of acid and alkaline phosphatase activities in several strains of <i>Nannochloris</i> (Chlorophyceae) and <i>Nannochloropsis</i> (Eustigmatophyceae). British Phycological Journal, 1992, 27, 119-130.	1.3	23
98	Trace element contamination in the Guadalquivir River Estuary ten years after the Aznalc��llar mine spill. Marine Pollution Bulletin, 2014, 86, 349-360.	2.3	23
99	Effects of food limitation and pharmaceutical compounds on the larval development and morphology of <i>Palaemon serratus</i> . Science of the Total Environment, 2015, 503-504, 171-178.	3.9	23
100	Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, <i>Chironomus riparius</i> (Diptera, Chironomidae). Science of the Total Environment, 2017, 609, 715-723.	3.9	23
101	Short-term toxicity tests on the harpacticoid copepod <i>Tisbe battagliai</i> : Lethal and reproductive endpoints. Ecotoxicology and Environmental Safety, 2009, 72, 1881-1886.	2.9	22
102	Bioavailability of heavy metals bound to sediments affected by a mining spill using <i>Solea senegalensis</i> and <i>Scrobicularia plana</i> . Marine Environmental Research, 2004, 58, 395-399.	1.1	21
103	Biodynamic modelling of the accumulation of Ag, Cd and Zn by the deposit-feeding polychaete <i>Nereis diversicolor</i> : Inter-population variability and a generalised predictive model. Marine Environmental Research, 2010, 69, 363-373.	1.1	21
104	In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO4. Ecotoxicology and Environmental Safety, 2010, 73, 1279-1285.	2.9	21
105	Not Only Toxic but Repellent: What Can Organisms's Responses Tell Us about Contamination and What Are the Ecological Consequences When They Flee from an Environment?. Toxics, 2020, 8, 118.	1.6	21
106	Stress under the sun: Effects of exposure to low concentrations of UV-filter 4- methylbenzylidene camphor (4-MBC) in a marine bivalve filter feeder, the Manila clam <i>Ruditapes philippinarum</i> . Aquatic Toxicology, 2020, 221, 105418.	1.9	21
107	High-throughput molecular analyses of microbiomes as a tool to monitor the wellbeing of aquatic environments. Microbial Biotechnology, 2021, 14, 870-885.	2.0	21
108	Ring test for whole-sediment toxicity assay with a benthic marine diatom. Science of the Total Environment, 2010, 408, 822-828.	3.9	20

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109	Evaluation of comprehensive two-dimensional gas chromatography–time-of-flight-mass spectrometry for the analysis of polycyclic aromatic hydrocarbons in sediments. <i>Journal of Chromatography A</i> , 2012, 1256, 222-231.	1.8	20
110	Influence of temperature on toxicity of single pharmaceuticals and mixtures, in the crustacean <i>A. desmarestii</i> . <i>Journal of Hazardous Materials</i> , 2016, 313, 159-169.	6.5	19
111	Evaluation of the effectiveness of CuONPs/SiO ₂ -based treatments for building stones against the growth of phototrophic microorganisms. <i>Construction and Building Materials</i> , 2018, 187, 501-509.	3.2	19
112	Mangrove metal pollution induces biological tolerance to Cd on a crab sentinel species subpopulation. <i>Science of the Total Environment</i> , 2019, 687, 768-779.	3.9	19
113	Habitat selection response of the freshwater shrimp <i>Atyaephyra desmarestii</i> experimentally exposed to heterogeneous copper contamination scenarios. <i>Science of the Total Environment</i> , 2019, 662, 816-823.	3.9	19
114	Marine Benthic Microalgae <i>Cylindrotheca closterium</i> (Ehremberg) Lewin and Reimann (Bacillariophyceae) as a Tool for Measuring Toxicity of Linear Alkylbenzene Sulfonate in Sediments. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 242-247.	1.3	18
115	Measuring the avoidance behaviour shown by the snail <i>Hydrobia ulvae</i> exposed to sediment with a known contamination gradient. <i>Ecotoxicology</i> , 2012, 21, 750-758.	1.1	18
116	Particles in the oceans: Implication for a safe marine environment. <i>Marine Environmental Research</i> , 2015, 111, 1-4.	1.1	18
117	Individual and mixture effects of selected pharmaceuticals on larval development of the estuarine shrimp <i>Palaemon longirostris</i> . <i>Science of the Total Environment</i> , 2016, 540, 260-266.	3.9	18
118	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.	1.9	18
119	Superficial accumulation of heavy metals in near shore marine sediments: An objective index of environmental pollution. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1985, 35, 348-353.	1.3	17
120	Feeding niche preference of the mudsnail <i>Peringia ulvae</i> . <i>Marine and Freshwater Research</i> , 2015, 66, 573.	0.7	17
121	Bioavailability of heavy metals in the Guadalete River Estuary (SW Iberian Peninsula). <i>Ciencias Marinas</i> , 2005, 31, 135-147.	0.4	17
122	Toxicity of Linear Alkylbenzene Sulfonate and One Long-Chain Degradation Intermediate, Sulfophenyl Carboxylic Acid on Early Life-Stages of Seabream (<i>Sparus Aurata</i>). <i>Ecotoxicology and Environmental Safety</i> , 2002, 51, 53-59.	2.9	16
123	SPECIATION OF HEAVY METALS IN RECENT SEDIMENTS OF THREE COASTAL ECOSYSTEMS IN THE GULF OF CÁDIZ, SOUTHWEST IBERIAN PENINSULA. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2833.	2.2	16
124	Chapter 7 Toxicity of surfactants. <i>Comprehensive Analytical Chemistry</i> , 2003, 40, 827-925.	0.7	16
125	Integrative sediment quality assessment using a biomarker approach: review of 3 years of field research. <i>Cell Biology and Toxicology</i> , 2008, 24, 513-526.	2.4	16
126	Is <i>Atyaephyra desmarestii</i> a useful candidate for lethal and sub-lethal toxicity tests on pharmaceutical compounds?. <i>Journal of Hazardous Materials</i> , 2013, 263, 256-265.	6.5	16

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127	Transcriptome analysis of the brain of the sea bream (<i>Sparus aurata</i>) after exposure to human pharmaceuticals at realistic environmental concentrations. <i>Marine Environmental Research</i> , 2017, 129, 36-45.	1.1	15
128	Heavy metal concentrations in <i>Squilla mantis</i> (L.) (Crustacea, Stomatopoda) from the Gulf of Cádiz. <i>Environment International</i> , 2002, 28, 111-116.	4.8	14
129	Presence, biotransformation and effects of sulfophenylcarboxylic acids in the benthic fish <i>Solea senegalensis</i> . <i>Environment International</i> , 2007, 33, 565-570.	4.8	14
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