

Julian Blasco

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

7,649
citations

46918

47
h-index

69108

77
g-index

209
all docs

209
docs citations

209
times ranked

7920
citing authors

#	ARTICLE	IF	CITATIONS
1	Research challenges in Marine Global Change. <i>Science of the Total Environment</i> , 2022, 812, 151966.	3.9	0
2	Can a mixture of agrochemicals (glyphosate, chlorpyrifos and chlorothalonil) mask the perception of an individual chemical? A hidden trap underlying ecological risk. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113172.	2.9	10
3	Nanotechnology in aquaculture: Applications, perspectives and regulatory challenges. <i>Aquaculture and Fisheries</i> , 2022, 7, 185-200.	1.2	59
4	Experimental evidence of contamination driven shrimp population dynamics: Susceptibility of populations to spatial isolation. <i>Science of the Total Environment</i> , 2022, 820, 153225.	3.9	4
5	Are habitable clean areas in heterogeneously contaminated landscapes functioning as escape zones for fish populations to alleviate stress?. <i>Science of the Total Environment</i> , 2022, 818, 151713.	3.9	1
6	Products released from surgical face masks can provoke cytotoxicity in the marine diatom <i>Phaeodactylum tricornutum</i> . <i>Science of the Total Environment</i> , 2022, 841, 156611.	3.9	10
7	Using chemical lines of evidence to address acidification. , 2022, , 45-78.		0
8	The antibacterials ciprofloxacin, trimethoprim and sulfadiazine modulate gene expression, biomarkers and metabolites associated with stress and growth in gilthead sea bream (<i>Sparus aurata</i>).. <i>Aquatic Toxicology</i> , 2022, 250, 106243.	1.9	0
9	Bioaccumulation and biochemical responses in the peppery furrow shell <i>Scrobicularia plana</i> exposed to a pharmaceutical cocktail at sub-lethal concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2022, 242, 113845.	2.9	4
10	High-throughput molecular analyses of microbiomes as a tool to monitor the wellbeing of aquatic environments. <i>Microbial Biotechnology</i> , 2021, 14, 870-885.	2.0	21
11	“Nanosize effect” in the metal-handling strategy of the bivalve <i>Scrobicularia plana</i> exposed to CuO nanoparticles and copper ions in whole-sediment toxicity tests. <i>Science of the Total Environment</i> , 2021, 760, 143886.	3.9	8
12	Constructing a de novo transcriptome and a reference proteome for the bivalve <i>Scrobicularia plana</i> : Comparative analysis of different assembly strategies and proteomic analysis. <i>Genomics</i> , 2021, 113, 1543-1553.	1.3	5
13	Meta-omic evaluation of bacterial microbial community structure and activity for the environmental assessment of soils: overcoming protein extraction pitfalls. <i>Environmental Microbiology</i> , 2021, 23, 4706-4725.	1.8	2
14	Assessment of pharmaceutical mixture (ibuprofen, ciprofloxacin and flumequine) effects to the crayfish <i>Procambarus clarkii</i> : A multilevel analysis (biochemical, transcriptional and proteomic) <i>Tj ETQq0 0 0 rgBT /Overlock 105f 50 217</i>		
15	Editorial: Microplastics in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	2
16	Could Contamination Avoidance Be an Endpoint That Protects the Environment? An Overview on How Species Respond to Copper, Glyphosate, and Silver Nanoparticles. <i>Toxics</i> , 2021, 9, 301.	1.6	8
17	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
18	Summary of the special issue. <i>Science of the Total Environment</i> , 2020, 706, 134934.	3.9	0

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19	Do Contaminants Influence the Spatial Distribution of Aquatic Species? How New Perspectives on Ecotoxicological Assays Might Answer This Question. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 7-8.	2.2	6
20	Environmental Risk Assessment of Sunscreens. <i>Handbook of Environmental Chemistry</i> , 2020, , 163-184.	0.2	1
21	Ibuprofen and Diclofenac: Effects on Freshwater and Marine Aquatic Organisms – Are They at Risk?. <i>Handbook of Environmental Chemistry</i> , 2020, , 161-189.	0.2	2
22	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?. <i>Toxics</i> , 2020, 8, 118.	1.6	21
23	Immunotoxicity of polystyrene nanoplastics in different hemocyte subpopulations of <i>Mytilus galloprovincialis</i> . <i>Scientific Reports</i> , 2020, 10, 8637.	1.6	47
24	Sunscreen Components Are a New Environmental Concern in Coastal Waters: An Overview. <i>Handbook of Environmental Chemistry</i> , 2020, , 1-14.	0.2	5
25	Lead toxicity on a sentinel species subpopulation inhabiting mangroves with different status conservation. <i>Chemosphere</i> , 2020, 251, 126394.	4.2	8
26	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> . <i>Aquatic Toxicology</i> , 2020, 221, 105418.	1.9	21
27	Contamination may induce behavioural plasticity in the habitat selection by shrimps: A cost-benefits balance involving contamination, shelter and predation. <i>Environmental Pollution</i> , 2020, 263, 114545.	3.7	14
28	Metal body burden and tissue oxidative status in the bivalve <i>Venerupis decussata</i> from Tunisian coastal lagoons. <i>Marine Environmental Research</i> , 2020, 159, 105000.	1.1	8
29	Does the previous exposure to copper alter the pattern of avoidance by zebrafish in a copper gradient scenario? Hypothesis of time-delayed avoidance due to pre-acclimation. <i>Science of the Total Environment</i> , 2019, 694, 133703.	3.9	7
30	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
31	Risk of triclosan based on avoidance by the shrimp <i>Palaemon varians</i> in a heterogeneous contamination scenario: How sensitive is this approach?. <i>Chemosphere</i> , 2019, 235, 126-135.	4.2	14
32	Might the interspecies interaction between fish and shrimps change the pattern of their avoidance response to contamination?. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109757.	2.9	4
33	Biochemical response of the clam <i>Ruditapes philippinarum</i> to silver (AgD and AgNPs) exposure and application of an integrated biomarker response approach. <i>Marine Environmental Research</i> , 2019, 152, 104783.	1.1	10
34	Are the primary characteristics of polystyrene nanoplastics responsible for toxicity and ad/absorption in the marine diatom <i>Phaeodactylum tricorutum</i> ?. <i>Environmental Pollution</i> , 2019, 249, 610-619.	3.7	122
35	In vivo immunomodulatory and antioxidant properties of nanoceria (nCeO ₂) in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 219, 95-102.	1.3	13
36	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

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37	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
38	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
39	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
40	Disturbance of ecological habitat distribution driven by a chemical barrier of domestic and agricultural discharges: An experimental approach to test habitat fragmentation. <i>Science of the Total Environment</i> , 2019, 651, 2820-2829.	3.9	13
41	Preface. <i>Science of the Total Environment</i> , 2018, 628-629, 441-442.	3.9	0
42	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
43	Metal interactions between the polychaete <i>Branchipolynoe seepensis</i> and the mussel <i>Bathymodiolus azoricus</i> from Mid-Atlantic-Ridge hydrothermal vent fields. <i>Marine Environmental Research</i> , 2018, 135, 70-81.	1.1	7
44	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
45	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
46	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
47	Combination of HPLC with organic and inorganic mass spectrometry to study the metabolic response of the clam <i>Scrobicularia plana</i> to arsenic exposure. <i>Electrophoresis</i> , 2018, 39, 635-644.	1.3	7
48	Avoidance response by shrimps to a copper gradient: Does high population density prevent avoidance of contamination?. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3095-3101.	2.2	10
49	Erythromycin sensitivity across different taxa of marine phytoplankton. A novel approach to sensitivity of microalgae and the evolutionary history of the 23S gene. <i>Aquatic Toxicology</i> , 2018, 204, 190-196.	1.9	9
50	Metals in the European Marine Strategies Legislation: A Challenge for the Managers and Decision-Makers. <i>Environmental Science & Technology</i> , 2018, 52, 7601-7603.	4.6	1
51	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
52	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
53	Stress-driven emigration in complex field scenarios of habitat disturbance: The heterogeneous multi-habitat assay system (HeMHAS). <i>Science of the Total Environment</i> , 2018, 644, 31-36.	3.9	24
54	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

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55	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
56	Bioaccumulation kinetics of copper in <i>Ruditapes philippinarum</i> exposed to increasing, continuous and pulsed exposure: Implications for growth. <i>Science of the Total Environment</i> , 2017, 595, 920-927.	3.9	24
57	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
58	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
59	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
60	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
61	Biomolecular coronas in invertebrate species: Implications in the environmental impact of nanoparticles. <i>NanoImpact</i> , 2017, 8, 89-98.	2.4	69
62	Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, <i>Chironomus riparius</i> (Diptera, Chironomidae). <i>Science of the Total Environment</i> , 2017, 609, 715-723.	3.9	23
63	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
64	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
65	Biological Effects of Pharmaceuticals in Marine Environment. , 2017, , 317-349.		0
66	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
67	Toxic effects of cisplatin cytostatic drug in mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2016, 119, 12-21.	1.1	48
68	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
69	Laboratory simulation system, using <i>Carcinus maenas</i> as the model organism, for assessing the impact of CO ₂ leakage from sub-seabed injection and storage. <i>Environmental Research</i> , 2016, 144, 117-129.	3.7	12
70	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
71	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
72	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

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73	Feeding niche preference of the mudsnail <i>Peringia ulvae</i> . <i>Marine and Freshwater Research</i> , 2015, 66, 573.	0.7	17
74	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
75	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
76	Toxicity of silver and gold nanoparticles on marine microalgae. <i>Marine Environmental Research</i> , 2015, 111, 60-73.	1.1	120
77	STEM-in-SEM high resolution imaging of gold nanoparticles and bivalve tissues in bioaccumulation experiments. <i>Analyst, The</i> , 2015, 140, 3082-3089.	1.7	24
78	Particles in the oceans: Implication for a safe marine environment. <i>Marine Environmental Research</i> , 2015, 111, 1-4.	1.1	18
79	Molecular and cellular effects of contamination in aquatic ecosystems. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17261-17266.	2.7	26
80	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
81	Towards a better understanding of the links between stressors, hazard assessment and ecosystem services under water scarcity. <i>Science of the Total Environment</i> , 2015, 503-504, 1-2.	3.9	8
82	Effects of food limitation and pharmaceutical compounds on the larval development and morphology of <i>Palaemon serratus</i> . <i>Science of the Total Environment</i> , 2015, 503-504, 171-178.	3.9	23
83	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
84	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
85	Epiphyte toxicity bioassay for ecotoxicological and coastal monitoring. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4647-4654.	1.3	3
86	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
87	Towards an integrated environmental risk assessment of emissions from ships' propulsion systems. <i>Environment International</i> , 2014, 66, 44-47.	4.8	58
88	Trace element contamination in the Guadalquivir River Estuary ten years after the Aznalcallar mine spill. <i>Marine Pollution Bulletin</i> , 2014, 86, 349-360.	2.3	23
89	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
90	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

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91	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
92	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
93	Evaluating the suitability of <i>Hydrobia ulvae</i> as a test species for sediment metal toxicity testing applying a tissue residue approach to metal mixtures in laboratory and field exposures. <i>Chemosphere</i> , 2013, 91, 1136-1145.	4.2	11
94	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
95	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
96	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
97	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
98	Effect of Copper, Irgarol and Atrazine on Epiphytes Attached to Artificial Devices for Coastal Ecotoxicology Bioassays. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 656-660.	1.3	9
99	Going with the Flow: Detection of Drift in Response to Hypo-Saline Stress by the Estuarine Benthic Diatom <i>Cylindrotheca closterium</i> . <i>PLoS ONE</i> , 2013, 8, e81073.	1.1	13
100	Sunscreen Products as Emerging Pollutants to Coastal Waters. <i>PLoS ONE</i> , 2013, 8, e65451.	1.1	186
101	Lethal effects on different marine organisms, associated with sedimentâ€™s seawater acidification deriving from CO ₂ leakage. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2550-2560.	2.7	67
102	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
103	Evaluation of comprehensive two-dimensional gas chromatographyâ€™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
104	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
105	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
106	Public concern over ecotoxicology risks from nanomaterials: Pressing need for research-based information. <i>Environment International</i> , 2012, 39, 148-149.	4.8	6
107	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
108	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

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109	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
110	Bioaccumulation and Effects of Metals Bound to Sediments Collected from Gulf of Cádiz (SW Spain) Using the Polychaete <i>Arenicola marina</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 62, 22-28.	2.1	2
111	Source and impact of lead contamination on δ -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
112	Following the Aznalcóllar toxic spill. <i>Environmental Research</i> , 2011, 111, 1033-1036.	3.7	4
113	LAS degradability by marine biofilms derived from seawater in Spain and Sweden. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1250-1256.	2.9	2
114	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
115	European bee-eater (<i>Merops apiaster</i>) populations under arsenic and metal stress: evaluation of exposure at a mining site. <i>Environmental Monitoring and Assessment</i> , 2010, 161, 237-245.	1.3	13
116	Ring test for whole-sediment toxicity assay with α -benthic marine diatom. <i>Science of the Total Environment</i> , 2010, 408, 822-828.	3.9	20
117	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
118	Exposure of the marine deposit feeder <i>Hydrobia ulvae</i> to sediment associated LAS. <i>Environmental Pollution</i> , 2010, 158, 529-535.	3.7	11
119	Ranking sediment samples from three Spanish estuaries in relation to its toxicity for two benthic species: The microalga <i>Cylindrotheca closterium</i> and the copepod <i>Tisbe battagliai</i> . <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 393-400.	2.2	12
120	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
121	Trace metal concentrations in sediments from the southwest of the Iberian Peninsula. <i>Scientia Marina</i> , 2010, 74, 99-106.	0.3	24
122	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. <i>Marine Environmental Research</i> , 2010, 69, 363-373.	1.1	21
123	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
124	The use of marine benthic diatoms in a growth inhibition test with spiked whole-sediment. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 262-269.	2.9	7
125	In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO ₄ . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1279-1285.	2.9	21
126	Microphytobenthos in ecotoxicology: A review of the use of marine benthic diatoms in bioassays. <i>Environment International</i> , 2010, 36, 637-646.	4.8	12

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127	Exposure of the marine deposit feeder <i>Hydrobia ulvae</i> to sediment spiked with LAS congeners. <i>Water Research</i> , 2010, 44, 2831-2840.	5.3	6
128	Oxidative stress and toxicity of gold nanoparticles in <i>Mytilus edulis</i> . <i>Aquatic Toxicology</i> , 2010, 100, 178-186.	1.9	264
129	Temporal variations in metallothionein concentration and subcellular distribution of metals in gills and digestive glands of the oyster <i>Crassostrea angulata</i> . <i>Scientia Marina</i> , 2010, 74, 143-152.	0.3	7
130	Environmental levels of Linear alkylbenzene Sulfonates (LAS) in sediments from the Tagus estuary (Portugal): environmental implications. <i>Environmental Monitoring and Assessment</i> , 2009, 149, 151-161.	1.3	13
131	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
132	Identification of a Potential Toxic Hot Spot Associated with AVS Spatial and Seasonal Variation. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 416-425.	2.1	24
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