T ngel Del Valls

List of Publications by Year in Descending Order

224 papers	6,196 citations	43 h-index	64 g-index
230 ext. papers	6,614 ext. citations	5.3 avg, IF	5.77 L-index

#	Paper	IF	Citations
224	Integrative Assessment of Sediments Affected by CO2 Enrichment: A Case Study in the Bay of Santos?P, Brazil. *Applied Sciences (Switzerland)*, **2021**, 11, 11603	2.6	2
223	Intraspecific variation in the response of the estuarine European isopod Cyathura carinata (Kr?er, 1847) to ocean acidification. *Science of the Total Environment*, **2019**, 683, 134-145	10.2	4
222	CO leakage simulation: Effects of the decreasing pH to the survival and reproduction of two crustacean species. *Marine Pollution Bulletin*, **2019**, 143, 33-41	6.7	9
221	Identifying environmental risk associated with anthropogenic activities in Zanjanrud River, Iran, using an integrated approach. *Catena*, **2019**, 183, 104156	5.8	7
220	Metal Distribution and Short-Time Variability in Recent Sediments from the Ganges River towards the Bay of Bengal (India). *Geosciences (Switzerland)*, **2019**, 9, 260	2.7	6
219	Integrative assessment of sediment quality in acidification scenarios associated with carbon capture and storage operations. *Environmental Reviews*, **2019**, 27, 333-345	4.5	12
218	Sediment quality assessment in the Guadalquivir River (SW, Spain) using caged Asian clams: A biomarker field approach. *Science of the Total Environment*, **2019**, 650, 1996-2003	10.2	11
217	What is the best endpoint for assessing environmental risk associated with acidification caused by CO enrichment using mussels?. *Marine Pollution Bulletin*, **2018**, 128, 379-389	6.7	10
216	Metal fractionation in marine sediments acidified by enrichment of CO: A risk assessment. *Marine Pollution Bulletin*, **2018**, 131, 611-619	6.7	10
215	Using a mesocosm approach to evaluate marine benthic assemblage alteration associated with CO enrichment in coastal environments. *Ecotoxicology and Environmental Safety*, **2018**, 157, 29-39	7	3
214	Integrative assessment of sediment quality in lower basin affected by former mining in Brazil. *Environmental Geochemistry and Health*, **2018**, 40, 1465-1480	4.7	1
213	CO2 leakage simulation: effects of the pH decrease on fertilisation and larval development of Paracentrotus lividus and sediment metals toxicity. *Chemistry and Ecology*, **2018**, 34, 1-21	2.3	9
212	Social-environmental analysis of methane in the South China Sea and bordering countries. *Anthropocene Coasts*, **2018**, 1, 62-88	2.9	0
211	Effects of CO enrichment on two microalgae species: A toxicity approach using consecutive generations. *Chemosphere*, **2018**, 213, 84-91	8.4	7
210	Effects of CO enrichment on metal bioavailability and bioaccumulation using Mytilus galloprovincialis. *Marine Pollution Bulletin*, **2018**, 133, 124-136	6.7	7
209	Methane in the South China Sea and the Western Philippine Sea. *Continental Shelf Research*, **2017**, 135, 23-34	2.4	13
208	A possible CO leakage event: Can the marine microbial community be recovered?. *Marine Pollution Bulletin*, **2017**, 117, 380-385	6.7	9

207	Assessing the influence of ocean acidification to marine amphipods: A comparative study. *Science of the Total Environment*, **2017**, 595, 759-768	10.2	13
206	Bacterial community responses during a possible CO leaking from sub-seabed storage in marine polluted sediments. *Science of the Total Environment*, **2017**, 593-594, 116-123	10.2	6
205	Metal contamination and fractionation in sediments from the lower basin of the Vale do Ribeira (SE, Brazil). *Environmental Monitoring and Assessment*, **2017**, 189, 245	3.1	4
204	Comparative evaluation of sea-urchin larval stage sensitivity to ocean acidification. *Chemosphere*, **2017**, 184, 224-234	8.4	11
203	A novel approach for acid mine drainage pollution biomonitoring using rare earth elements bioaccumulated in the freshwater clam Corbicula fluminea. *Journal of Hazardous Materials*, **2017**, 338, 466-471	12.8	27
202	Preliminary Results of Ecotoxicological Assessment of an Acid Mine Drainage (AMD) Passive Treatment System Testing Water Quality of Depurated Lixiviates. *Procedia Earth and Planetary Science*, **2017**, 17, 269-272		2
201	Assessment of the environmental impacts of ocean acidification (OA) and carbon capture and storage (CCS) leaks using the amphipod Hyale youngi. *Ecotoxicology*, **2017**, 26, 521-533	2.9	12
200	Simulating CO leakage from sub-seabed storage to determine metal toxicity on marine bacteria. *Marine Pollution Bulletin*, **2017**, 116, 80-86	6.7	5
199	Effects of a hypothetical escape of CO gas from subterranean storage sites on water flea Daphnia magna. *Environmental Science and Pollution Research*, **2017**, 24, 25146-25155	5.1	2
198	The effects of ocean acidification and a carbon dioxide capture and storage leak on the early life stages of the marine mussel Perna perna (Linneaus, 1758) and metal bioavailability. *Environmental Science and Pollution Research*, **2017**, 24, 765-781	5.1	18
197	Bioavailability and toxicity of metals from a contaminated sediment by acid mine drainage: linking exposure-response relationships of the freshwater bivalve Corbicula fluminea to contaminated sediment. *Environmental Science and Pollution Research*, **2016**, 23, 22957-22967	5.1	8
196	The use of a Weight-of-Evidence approach to address sediment quality in the Odiel River basin (SW, Spain). *Ecotoxicology and Environmental Safety*, **2016**, 133, 243-51	7	14
195	Distributions and sea-to-air fluxes of nitrous oxide in the South China Sea and the West Philippines Sea. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2016**, 115, 131-144	2.5	11
194	GIS-based ecological risk assessment for contaminated sites by fish farm effluents using a multicriteria weight of evidence approach. *Aquaculture Research*, **2016**, 47, 524-539	1.9	1
193	Assessment of metal contamination, bioavailability, toxicity and bioaccumulation in extreme metallic environments (Iberian Pyrite Belt) using Corbicula fluminea. *Science of the Total Environment*, **2016**, 544, 1031-44	10.2	50
192	Is the step-wise tiered approach for ERA of pharmaceuticals useful for the assessment of cancer therapeutic drugs present in marine environment?. *Environmental Research*, **2016**, 144, 43-59	7.9	18
191	Ice collars, development and effects. *Ocean Engineering*, **2016**, 115, 189-195	3.9	
190	Simulating CO leakages from CCS to determine Zn toxicity using the marine microalgae Pleurochrysis roscoffensis. *Chemosphere*, **2016**, 144, 955-65	8.4	26

189	General stress, detoxification pathways, neurotoxicity and genotoxicity evaluated in Ruditapes philippinarum exposed to human pharmaceuticals. *Ecotoxicology and Environmental Safety*, **2016**, 124, 18-31	7	81
188	Dredged material characterization and management frameworks: A case study at the port Vilagarcia (NW, Spain). *Journal of Hazardous Materials*, **2016**, 302, 129-136	12.8	8
187	Effects of the increase of temperature and CO2 concentration on polychaetae Nereis diversicolor: simulating extreme scenarios of climate change in marine sediments. *Hydrobiologia*, **2016**, 772, 161-174	2.4	6
186	The influence of ph and waterborne metals on egg fertilization of the blue mussel (Mytilus edulis), the oyster (Crassostrea gigas) and the sea urchin (Paracentrotus lividus). *Environmental Science and Pollution Research*, **2016**, 23, 14580-8	5.1	6
185	Multiple Biomarker Responses in Corbicula fluminea Exposed to Copper in Laboratory Toxicity Tests. *Archives of Environmental Contamination and Toxicology*, **2016**, 71, 278-85	3.2	19
184	Carbon Capture and Storage (CCS): Risk assessment focused on marine bacteria. *Ecotoxicology and Environmental Safety*, **2016**, 131, 157-63	7	19
183	Lethal and sublethal responses in the clam Scrobicularia plana exposed to different CO-acidic sediments. *Environmental Research*, **2016**, 151, 642-652	7.9	3
182	CO2 leaking from sub-seabed storage: Responses of two marine bacteria strains. *Marine Environmental Research*, **2016**, 121, 2-8	3.3	11
181	Yes, caffeine, ibuprofen, carbamazepine, novobiocin and tamoxifen have an effect on Corbicula fluminea (M□ller, 1774). *Ecotoxicology and Environmental Safety*, **2015**, 120, 142-54	7	82
180	Evaluation of the threat of marine CO2 leakage-associated acidification on the toxicity of sediment metals to juvenile bivalves. *Aquatic Toxicology*, **2015**, 166, 63-71	5.1	28
179	Alterations in the macrobenthic fauna from Guadarranque River (Southern Spain) associated with sediment-seawater acidification deriving from CO2 leakage. *Marine Pollution Bulletin*, **2015**, 96, 65-75	6.7	15
178	Applicative implications of Carcinus maenas and Ruditapes philippinarum in biomonitoring studies after oil spills. *Chemistry and Ecology*, **2015**, 31, 77-91	2.3	2
177	Management of pre-salt oil royalties: Wealth or poverty for Brazilian coastal zones as a result?. *Resources Policy*, **2015**, 45, 1-8	7.2	7
176	An estimation of the amount of the thermal energy for the moorage wall heating in the Arctic harbors to avoid ice accumulation. *Ocean Engineering*, **2015**, 100, 90-96	3.9	1
175	A candidate short-term toxicity test using Ampelisca brevicornis to assess sublethal responses to pharmaceuticals bound to marine sediments. *Archives of Environmental Contamination and Toxicology*, **2015**, 68, 237-58	3.2	26
174	Are WWTPs effluents responsible for acute toxicity? Seasonal variations of sediment quality at the Bay of C□diz (SW, Spain). *Ecotoxicology*, **2015**, 24, 368-80	2.9	20
173	Suitability of Standardized Acute Toxicity Tests for Marine Sediment Assessment: Pharmaceutical Contamination. *Water, Air, and Soil Pollution*, **2015**, 226, 1	2.6	15
172	Assessing potential risks of wastewater discharges to benthic biota: an integrated approach to biomarker responses in clams (Ruditapes philippinarum) exposed under controlled conditions. *Marine Pollution Bulletin*, **2015**, 92, 11-24	6.7	15

171	Toxicological evaluation of sediment samples spiked with human pharmaceutical products: Energy status and neuroendocrine effects in marine polychaetes Hediste diversicolor. *Ecotoxicology and Environmental Safety*, **2015**, 118, 27-36	7	33
170	Adverse effects of wastewater discharges in reproduction, energy budget, neuroendocrine and inflammation processes observed in marine clams Ruditapes philippinarum. *Estuarine, Coastal and Shelf Science*, **2015**, 164, 324-334	2.9	11
169	In situ evaluation of wastewater discharges and the bioavailability of contaminants to marine biota. *Science of the Total Environment*, **2015**, 538, 876-87	10.2	22
168	Are standard tests sensitive enough to evaluate effects of human pharmaceuticals in aquatic biota? Facing changes in research approaches when performing risk assessment of drugs. *Chemosphere*, **2015**, 120, 75-85	8.4	64
167	Comparative analysis of two weight-of-evidence methodologies for integrated sediment quality assessment. *Chemosphere*, **2015**, 120, 138-44	8.4	12
166	Contamination by organochlorine pesticides in the aquifer of the Ring of Cenotes in Yucatã, Mâ€ico. *Water and Environment Journal*, **2015**, 29, 140-150	1.7	34
165	Using remote sensing as a support to the implementation of the European Marine Strategy Framework Directive in SW Portugal. *Continental Shelf Research*, **2015**, 108, 169-177	2.4	28
164	Be worried! The Brazilian eez has plenty of oil. *Integrated Environmental Assessment and Management*, **2015**, 11, 725-726	2.5	
163	Risk Perception and Chronic Exposure to Organochlorine Pesticides in Maya Communities of Mexico. *Human and Ecological Risk Assessment (HERA)*, **2015**, 21, 1960-1979	4.9	8
162	Using bio-optical parameters as a tool for detecting changes in the phytoplankton community (SW Portugal). *Estuarine, Coastal and Shelf Science*, **2015**, 167, 125-137	2.9	15
161	Effects of simulated CO□escape from sediments on the development of midge Chironomus riparius. *Aquatic Toxicology*, **2014**, 156, 230-9	5.1	12
160	Studying the effect of CO2-induced acidification on sediment toxicity using acute amphipod toxicity test. *Environmental Science & Technology*, **2014**, 48, 8864-72	10.3	40
159	Simulation of the potential effects of CO2 leakage from carbon capture and storage activities on the mobilization and speciation of metals. *Marine Pollution Bulletin*, **2014**, 86, 59-67	6.7	19
158	Metal mobility and toxicity to microalgae associated with acidification of sediments: CO2 and acid comparison. *Marine Environmental Research*, **2014**, 96, 136-44	3.3	51
157	Effects on the mobility of metals from acidification caused by possible CO□leakage from sub-seabed geological formations. *Science of the Total Environment*, **2014**, 470-471, 356-63	10.2	56
156	Bioavailability, oxidative stress, neurotoxicity and genotoxicity of pharmaceuticals bound to marine sediments. The use of the polychaete Hediste diversicolor as bioindicator species. *Environmental Research*, **2014**, 134, 353-65	7.9	96
155	Simulation of CO□leakages during injection and storage in sub-seabed geological formations: metal mobilization and biota effects. *Environment International*, **2014**, 68, 105-17	12.9	52
154	Integrated ecotoxicological assessment of marine sediments affected by land-based marine fish farm effluents: physicochemical, acute toxicity and benthic community analyses. *Ecotoxicology*, **2013**, 22, 996-1011	2.9	10

153	Comparative performances of eggs and embryos of sea urchin (Paracentrotus lividus) in toxicity bioassays used for assessment of marine sediment quality. *Marine Pollution Bulletin*, **2013**, 70, 204-9	6.7	10
152	Using lysosomal membrane stability of haemocytes in Ruditapes philippinarum as a biomarker of cellular stress to assess contamination by caffeine, ibuprofen, carbamazepine and novobiocin. *Journal of Environmental Sciences*, **2013**, 25, 1408-18	6.4	81
151	Several benthic species can be used interchangeably in integrated sediment quality assessment. *Ecotoxicology and Environmental Safety*, **2013**, 92, 281-8	7	9
150	Can the integration of multiple biomarkers and sediment geochemistry aid solving the complexity of sediment risk assessment? A case study with a benthic fish. *Environmental Pollution*, **2012**, 161, 107-20	9.3	41
149	Identification of specific malformations of sea urchin larvae for toxicity assessment: application to marine pisciculture effluents. *Marine Environmental Research*, **2012**, 77, 12-22	3.3	54
148	Assessing a bioremediation strategy in a shallow coastal system affected by a fish farm culture--application of GIS and shellfish dynamic models in the Rio San Pedro, SW Spain. *Marine Pollution Bulletin*, **2012**, 64, 751-65	6.7	24
147	Bioaccumulation and effects of metals bound to sediments collected from Gulf of C?diz (SW Spain) using the polychaete Arenicola marina. *Archives of Environmental Contamination and Toxicology*, **2012**, 62, 22-8	3.2	2
146	Application of neutral red retention assay to caged clams (Ruditapes decussatus) and crabs (Carcinus maenas) in the assessment of dredged material. *Ecotoxicology*, **2012**, 21, 75-86	2.9	13
145	Designing an integrated environmental monitoring plan for land-based marine fish farms located at exposed and hard bottom coastal areas. *Journal of Environmental Monitoring*, **2012**, 14, 1305-16		8
144	Benthic community structure and biomarker responses of the clam Scrobicularia plana in a shallow tidal creek affected by fish farm effluents (Rio San Pedro, SW Spain). *Environment International*, **2012**, 47, 86-98	12.9	31
143	The application of biochemical responses to assess environmental quality of tropical estuaries: field surveys. *Journal of Environmental Monitoring*, **2012**, 14, 2608-15		18
142	Considerations for integrative environmental assessments of contaminated estuarine sediments. *Management of Environmental Quality*, **2012**, 23, 400-413	3.6	5
141	Chronic contamination assessment integrating biomarkers' responses in transplanted mussels--a seasonal monitoring. *Environmental Toxicology*, **2012**, 27, 257-67	4.2	40
140	Hepatic proteome changes in Solea senegalensis exposed to contaminated estuarine sediments: a laboratory and in situ survey. *Ecotoxicology*, **2012**, 21, 1194-207	2.9	9
139	Assessing the toxicity of chemical compounds associated with land-based marine fish farms: the sea urchin embryo bioassay with Paracentrotus lividus and Arbacia lixula. *Archives of Environmental Contamination and Toxicology*, **2012**, 63, 249-61	3.2	24
138	Using indicators and models for an ecosystem approach to fisheries and aquaculture management: the anchovy fishery and Pacific oyster culture in Chile: case studies. *Latin American Journal of Aquatic Research*, **2012**, 40, 955-969	1.5	7
137	Lethal effects on different marine organisms, associated with sediment-seawater acidification deriving from CO2 leakage. *Environmental Science and Pollution Research*, **2011**, 19, 2550-60	5.1	61
136	Site selection for shellfish aquaculture by means of GIS and farm-scale models, with an emphasis on data-poor environments. *Aquaculture*, **2011**, 318, 444-457	4.4	97

135	Source and impact of lead contamination on δ-aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cadiz. *Aquatic Toxicology*, **2011**, 101, 146-54	5.1	23
134	Assessment of the genotoxic potential of contaminated estuarine sediments in fish peripheral blood: laboratory versus in situ studies. *Environmental Research*, **2011**, 111, 25-36	7.9	62
133	A promissora província petrolífera do pré-sal. *Revista Direito GV*, **2011**, 7, 57-74	0.8	5
132	Toxicity and potential risk assessment of a river polluted by acid mine drainage in the Iberian Pyrite Belt (SW Spain). *Science of the Total Environment*, **2011**, 409, 4763-71	10.2	65
131	Influence of salinity on fertilization and larval development toxicity tests with two species of sea urchin. *Marine Environmental Research*, **2011**, 72, 196-203	3.3	32
130	Estuarine ecological risk based on hepatic histopathological indices from laboratory and in situ tested fish. *Marine Pollution Bulletin*, **2011**, 62, 55-65	6.7	52
129	Validation of Arenicola marina in field toxicity bioassays using benthic cages: biomarkers as tools for assessing sediment quality. *Marine Pollution Bulletin*, **2011**, 62, 1538-49	6.7	27
128	Biomarker responsiveness in different tissues of caged Ruditapes philippinarum and its use within an integrated sediment quality assessment. *Environmental Pollution*, **2011**, 159, 1914-22	9.3	41
127	Transcriptomic analyses in a benthic fish exposed to contaminated estuarine sediments through laboratory and in situ bioassays. *Ecotoxicology*, **2011**, 20, 1749-64	2.9	16
126	Sediment-quality assessment using the polychaete Arenicola marina: contamination, bioavailability, and toxicity. *Archives of Environmental Contamination and Toxicology*, **2011**, 61, 578-89	3.2	16
125	The Use of Weight of Evidence for Environmental Quality Assessment in Sediments Above Sub-Seabed Geological Formations for the Storage of Carbon Dioxide **2011**, 157-171		
124	Comparative toxicity of cadmium in the commercial fish species Sparus aurata and Solea senegalensis. *Ecotoxicology and Environmental Safety*, **2010**, 73, 306-11	7	32
123	A description of chloride cell and kidney tubule alterations in the flatfish Solea senegalensis exposed to moderately contaminated sediments from the Sado estuary (Portugal). *Journal of Sea Research*, **2010**, 64, 465-472	1.9	21
122	Influence of Salinity in the Bioavailability of Zn in Sediments of the Gulf of Cádiz (Spain). *Water, Air, and Soil Pollution*, **2010**, 212, 329-336	2.6	5
121	Harmonised framework for ecological risk assessment of sediments from ports and estuarine zones of North and South Atlantic. *Ecotoxicology*, **2010**, 19, 678-96	2.9	33
120	Alterations to proteome and tissue recovery responses in fish liver caused by a short-term combination treatment with cadmium and benzo[a]pyrene. *Environmental Pollution*, **2010**, 158, 3338-46	9.3	42
119	Application of Neutral Red Retention Assay in the clam Ruditapes philippinarum and the crab Carcinus maenas as a screening tool for sediment quality assessment in marine environment. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2010**, 157, S27	2.6	6
118	SQA: a software tool for integrated sediment quality evaluation based on the Weight-Of-Evidence procedure. *Environmental Modelling and Software*, **2010**, 25, 1483-1484	5.2	3

117	Toxic effect of copper on marine picophytoplankton populations isolated from different geographic locations. *Scientia Marina*, **2010**, 74, 133-141	1.8	13
116	Ecological risk assessment of sediment management areas: application to Sado Estuary, Portugal. *Ecotoxicology*, **2009**, 18, 1165-75	2.9	39
115	Biochemical endpoints on juvenile Solea senegalensis exposed to estuarine sediments: the effect of contaminant mixtures on metallothionein and CYP1A induction. *Ecotoxicology*, **2009**, 18, 988-1000	2.9	29
114	Toxicity of copper in natural marine picoplankton populations. *Ecotoxicology*, **2009**, 18, 1095-103	2.9	20
113	Improved sea-urchin embryo bioassay for in situ evaluation of dredged material. *Ecotoxicology*, **2009**, 18, 1051-7	2.9	11
112	Distribution of butyltins (TBT, DBT, MBT) in sediments of Gulf of C?iz (Spain) and its bioaccumulation in the clam Ruditapes philippinarum. *Ecotoxicology*, **2009**, 18, 1029-35	2.9	15
111	An integrated approach to determine sediment quality in areas above CO2 injection and storage in agreement with the requirements of the international conventions on the protection of the marine environment. *Ecotoxicology*, **2009**, 18, 1123-9	2.9	19
110	Acute toxicity measured in the amphipod Ampelisca brevicornis after exposure to contaminated sediments from Spanish littoral. *Ecotoxicology*, **2009**, 18, 1068-76	2.9	16
109	A multibiomarker approach using the polychaete Arenicola marina to assess oil-contaminated sediments. *Environmental Science and Pollution Research*, **2009**, 16, 618-29	5.1	10
108	Distribution of arsenic and trace metals in the floodplain agricultural soil of Bangladesh. *Bulletin of Environmental Contamination and Toxicology*, **2009**, 82, 11-5	2.7	45
107	A multivariate assessment of sediment contamination in dredged materials from Spanish ports. *Journal of Hazardous Materials*, **2009**, 163, 1353-9	12.8	56
106	Development of site-specific sediment quality guidelines for North and South Atlantic littoral zones: comparison against national and international sediment quality benchmarks. *Journal of Hazardous Materials*, **2009**, 170, 320-31	12.8	93
105	Integrated sediment quality assessment in Paranagu? Estuarine System, Southern Brazil. *Ecotoxicology and Environmental Safety*, **2009**, 72, 1824-31	7	58
104	Toxicity and bioaccumulation of copper and lead in five marine microalgae. *Ecotoxicology and Environmental Safety*, **2009**, 72, 1503-13	7	124
103	Biodynamic modelling and the prediction of accumulated trace metal concentrations in the polychaete Arenicola marina. *Environmental Pollution*, **2009**, 157, 2743-50	9.3	32
102	A weight of evidence approach for quality assessment of sediments impacted by an oil spill: the role of a set of biomarkers as a line of evidence. *Marine Environmental Research*, **2009**, 67, 31-7	3.3	16
101	The use of a kinetic biomarker approach for in situ monitoring of littoral sediments using the crab Carcinus maenas. *Marine Environmental Research*, **2009**, 68, 82-8	3.3	23
100	Histological biomarkers in liver and gills of juvenile Solea senegalensis exposed to contaminated estuarine sediments: a weighted indices approach. *Aquatic Toxicology*, **2009**, 92, 202-12	5.1	120

99	Pathways of trace metal uptake in the lugworm Arenicola marina. *Aquatic Toxicology*, **2009**, 92, 9-17	5.1	51
98	A simple approach to integrate the ecotoxicological and chemical data for the establishment of environmental risk levels. *Brazilian Archives of Biology and Technology*, **2009**, 52, 233-240	1.8	15
97	Is delta-aminolevulinic acid dehydratase activity in bivalves from south-west Iberian Peninsula a good biomarker of lead exposure?. *Marine Environmental Research*, **2008**, 66, 38-40	3.3	13
96	Genotoxic damage in Solea senegalensis exposed to sediments from the Sado Estuary (Portugal): effects of metallic and organic contaminants. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2008**, 654, 29-37	3	67
95	Field validation of a battery of biomarkers to assess sediment quality in Spanish ports. *Environmental Pollution*, **2008**, 151, 631-40	9.3	76
94	The application of a weight of evidence approach to compare the quality of coastal sediments affected by acute (Prestige 2002) and chronic (Bay of Algeciras) oil spills. *Environmental Pollution*, **2008**, 156, 394-402	9.3	15
93	Using a classical weight-of-evidence approach for 4-years' monitoring of the impact of an accidental oil spill on sediment quality. *Environment International*, **2008**, 34, 514-23	12.9	20
92	Is Arenicola marina a suitable test organism to evaluate the bioaccumulation potential of Hg, PAHs and PCBs from dredged sediments?. *Chemosphere*, **2008**, 70, 1756-65	8.4	11
91	Sediment contamination, bioavailability and toxicity of sediments affected by an acute oil spill: Four years after the sinking of the tanker Prestige (2002). *Chemosphere*, **2008**, 71, 1207-13	8.4	35
90	Accumulation and histopathological damage in the clam Ruditapes philippinarum and the crab Carcinus maenas to assess sediment toxicity in Spanish ports. *Chemosphere*, **2008**, 71, 1916-27	8.4	39
89	Sublethal responses in caged organisms exposed to sediments affected by oil spills. *Chemosphere*, **2008**, 72, 819-25	8.4	40
88	Impact of Emergent Contaminants in the Environment: Environmental Risk Assessment. *Handbook of Environmental Chemistry*, **2008**, 169-188	0.8	2
87	Impact of Emergent Contaminants in the Environment: Environmental Risk Assessment **2008**, 169-188		2
86	Integrative sediment quality assessment using a biomarker approach: review of 3 years of field research. *Cell Biology and Toxicology*, **2008**, 24, 513-26	7.4	15
85	Toxicokinetic approach for the assessment of endocrine disruption effects of contaminated dredged material using female Carcinus maenas. *Ecotoxicology*, **2008**, 17, 495-503	2.9	18
84	Using the polychaete Arenicola marina to determine toxicity and bioaccumulation of PAHS bound to sediments. *Environmental Monitoring and Assessment*, **2008**, 142, 219-26	3.1	13
83	Isolation and characterization of naphthalene-degrading bacteria from sediments of Cadiz area (SW Spain). *Environmental Toxicology*, **2008**, 23, 576-82	4.2	11
82	In situ evaluation of sediment toxicity in Guadalete Estuary (SW Spain) after exposure of caged Arenicola marina. *Environmental Toxicology*, **2008**, 23, 643-51	4.2	10

81	Chronic bioassay in benthic fish for the assessment of the quality of sediments in different areas of the coast of Spain impacted by acute and chronic oil spills. *Environmental Toxicology*, **2008**, 23, 634-42	4.2	13
80	CoastLearn: Lessons learnt from a web-based capacity building in Integrated Coastal Zone Management (ICZM). *Ocean and Coastal Management*, **2008**, 51, 789-796	3.9	5
79	An early approach for the evaluation of repair processes in fish after exposure to sediment contaminated by an oil spill. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2008**, 43, 1592-7	2.3	6
78	The role of biomarkers to assess oil-contaminated sediment quality using toxicity tests with clams and crabs. *Environmental Toxicology and Chemistry*, **2008**, 27, 1309-16	3.8	5
77	Assessing sediment quality in Spanish ports using a green alga bioassay. *Ciencias Marinas*, **2008**, 34, 329-337	1.7	2
76	Evaluation of the toxicity of an oil spill conducted through bioassays using the fish Solea senegalensis. *Ciencias Marinas*, **2008**, 34, 339-348	1.7	3
75	Monitoring and managing sediment quality and impact assessment in Spain in the past 10 years. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 252-260	14.6	10
74	Sediment quality assessment and dredged material management in Spain: Part I, application of sediment quality guidelines in the Bay of Santander. *Integrated Environmental Assessment and Management*, **2007**, 3, 529-38	2.5	27
73	Sediment quality assessment and dredged material management in Spain: Part II, analysis of action levels for dredged material management and application to the Bay of C□iz. *Integrated Environmental Assessment and Management*, **2007**, 3, 539-51	2.5	18
72	Biomarkers study for sediment quality assessment in spanish ports using the crab Carcinus maenas and the clam Ruditapes philippinarum. *Archives of Environmental Contamination and Toxicology*, **2007**, 53, 66-76	3.2	71
71	Biological adverse effects on bivalves associated with trace metals under estuarine environments. *Environmental Monitoring and Assessment*, **2007**, 131, 27-35	3.1	11
70	Kinetic of biomarker responses in juveniles of the fish Sparus aurata exposed to contaminated sediments. *Environmental Monitoring and Assessment*, **2007**, 131, 211-20	3.1	14
69	Biological analysis (Bioassays, Biomarkers, Biosensors). *Sustainable Management of Sediment Resources*, **2007**, 131-161		5
68	A weight of evidence approach to assess sediment quality in the Guadalquivir estuary. *Aquatic Ecosystem Health and Management*, **2007**, 10, 101-106	1.4	9
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