T Ängel Del Valls

List of Publications by Year in descending order

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T ÂNCEL DEL VALLS

#	Article	IF	CITATIONS
1	Integrative Assessment of Sediments Affected by CO2 Enrichment: A Case Study in the Bay of Santos—SP, Brazil. Applied Sciences (Switzerland), 2021, 11, 11603.	2.5	5
2	Análise do projeto e construção da barreira marÃŧima na usina Angra I. Research, Society and Development, 2020, 9, e3009108666.	0.1	0
3	ldentifying environmental risk associated with anthropogenic activities in Zanjanrud River, Iran, using an integrated approach. Catena, 2019, 183, 104156.	5.0	8
4	Metal Distribution and Short-Time Variability in Recent Sediments from the Ganges River towards the Bay of Bengal (India). Geosciences (Switzerland), 2019, 9, 260.	2.2	7
5	Intraspecific variation in the response of the estuarine European isopod Cyathura carinata (KrÃ,yer,) Tj ETQq1 1	0.784314	rgBT /Overloc
6	CO2 leakage simulation: Effects of the decreasing pH to the survival and reproduction of two crustacean species. Marine Pollution Bulletin, 2019, 143, 33-41.	5.0	14
7	Integrative assessment of sediment quality in acidification scenarios associated with carbon capture and storage operations. Environmental Reviews, 2019, 27, 333-345.	4.5	14
8	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.	8.0	17
9	What is the best endpoint for assessing environmental risk associated with acidification caused by CO2 enrichment using mussels?. Marine Pollution Bulletin, 2018, 128, 379-389.	5.0	11
10	Metal fractionation in marine sediments acidified by enrichment of CO2: A risk assessment. Marine Pollution Bulletin, 2018, 131, 611-619.	5.0	15
11	Using a mesocosm approach to evaluate marine benthic assemblage alteration associated with CO2 enrichment in coastal environments. Ecotoxicology and Environmental Safety, 2018, 157, 29-39.	6.0	3
12	Integrative assessment of sediment quality in lower basin affected by former mining in Brazil. Environmental Geochemistry and Health, 2018, 40, 1465-1480.	3.4	4
13	CO ₂ leakage simulation: effects of the pH decrease on fertilisation and larval development of <i>Paracentrotus lividus</i> and sediment metals toxicity. Chemistry and Ecology, 2018, 34, 1-21.	1.6	12
14	Social-environmental analysis of methane in the South China Sea and bordering countries. Anthropocene Coasts, 2018, 1, 62-88.	1.5	3
15	Effects of CO2 enrichment on two microalgae species: A toxicity approach using consecutive generations. Chemosphere, 2018, 213, 84-91.	8.2	11
16	Effects of CO2 enrichment on metal bioavailability and bioaccumulation using Mytilus galloprovincialis. Marine Pollution Bulletin, 2018, 133, 124-136.	5.0	12
17	Methane in the South China Sea and the Western Philippine Sea. Continental Shelf Research, 2017, 135, 23-34.	1.8	23
18	A possible CO 2 leakage event: Can the marine microbial community be recovered?. Marine Pollution Bulletin, 2017, 117, 380-385.	5.0	10

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19	Assessing the influence of ocean acidification to marine amphipods: A comparative study. Science of the Total Environment, 2017, 595, 759-768.	8.0	20
20	Bacterial community responses during a possible CO2 leaking from sub-seabed storage in marine polluted sediments. Science of the Total Environment, 2017, 593-594, 116-123.	8.0	7
21	Metal contamination and fractionation in sediments from the lower basin of the Vale do Ribeira (SE,) Tj ETQq1 1	0.784314 2.7	rgBT /Overla
22	Comparative evaluation of sea-urchin larval stage sensitivity to ocean acidification. Chemosphere, 2017, 184, 224-234.	8.2	15
23	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.	12.4	41
24	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.	0.6	3
25	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.	2.4	16
26	Simulating CO 2 leakage from sub-seabed storage to determine metal toxicity on marine bacteria. Marine Pollution Bulletin, 2017, 116, 80-86.	5.0	7
27	Effects of a hypothetical escape of CO2 gas from subterranean storage sites on water flea Daphnia magna. Environmental Science and Pollution Research, 2017, 24, 25146-25155.	5.3	2
28	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.	5.3	23
29	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.	2.0	7
30	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, 14580-14588.	5.3	9
31	Multiple Biomarker Responses in Corbicula fluminea Exposed to Copper in Laboratory Toxicity Tests. Archives of Environmental Contamination and Toxicology, 2016, 71, 278-285.	4.1	23
32	Carbon Capture and Storage (CCS): Risk assessment focused on marine bacteria. Ecotoxicology and Environmental Safety, 2016, 131, 157-163.	6.0	20
33	Lethal and sublethal responses in the clam Scrobicularia plana exposed to different CO 2 -acidic sediments. Environmental Research, 2016, 151, 642-652.	7.5	4
34	CO2 leaking from sub-seabed storage: Responses of two marine bacteria strains. Marine Environmental Research, 2016, 121, 2-8.	2.5	16
35	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.	5.3	9

 $_{36}$ The use of a Weight-of-Evidence approach to address sediment quality in the Odiel River basin (SW,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf $_{16}^{12}$

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37	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.	1.4	16
38	CIS-based ecological risk assessment for contaminated sites by fish farm effluents using a multicriteria weight of evidence approach. Aquaculture Research, 2016, 47, 524-539.	1.8	4
39	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, 1031-1044.	8.0	65
40	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.	7.5	20
41	Ice collars, development and effects. Ocean Engineering, 2016, 115, 189-195.	4.3	13
42	Simulating CO2 leakages from CCS to determine Zn toxicity using the marine microalgae Pleurochrysis roscoffensis. Chemosphere, 2016, 144, 955-965.	8.2	31
43	General stress, detoxification pathways, neurotoxicity and genotoxicity evaluated in Ruditapes philippinarum exposed to human pharmaceuticals. Ecotoxicology and Environmental Safety, 2016, 124, 18-31.	6.0	111
44	Dredged material characterization and management frameworks: A case study at the port Vilagarcia (NW, Spain). Journal of Hazardous Materials, 2016, 302, 129-136.	12.4	8
45	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.	1.8	34
46	Be worried! The Brazilian eez has plenty of oil. Integrated Environmental Assessment and Management, 2015, 11, 725-726.	2.9	0
47	Risk Perception and Chronic Exposure to Organochlorine Pesticides in Maya Communities of Mexico. Human and Ecological Risk Assessment (HERA), 2015, 21, 1960-1979.	3.4	9
48	Using bio-optical parameters as a tool for detecting changes in the phytoplankton community (SW) Tj ETQq0 0 C) rgBT /Ov 2.1	erlock 10 Tf 5
49	Yes, caffeine, ibuprofen, carbamazepine, novobiocin and tamoxifen have an effect on Corbicula fluminea (Mżller, 1774). Ecotoxicology and Environmental Safety, 2015, 120, 142-154.	6.0	100
50	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.	4.0	29
51	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.	5.0	17
52	Applicative implications of <i>Carcinus maenas</i> and <i>Ruditapes philippinarum</i> in biomonitoring studies after oil spills. Chemistry and Ecology, 2015, 31, 77-91.	1.6	2
53	Management of pre-salt oil royalties: Wealth or poverty for Brazilian coastal zones as a result?. Resources Policy, 2015, 45, 1-8.	9.6	12
54	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.	4.3	5

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55	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, 237-258.	4.1	32
56	Are WWTPs effluents responsible for acute toxicity? Seasonal variations of sediment quality at the Bay of Cádiz (SW, Spain). Ecotoxicology, 2015, 24, 368-380.	2.4	26
57	Suitability of Standardized Acute Toxicity Tests for Marine Sediment Assessment: Pharmaceutical Contamination. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	17
58	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.	5.0	21
59	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.	6.0	38
60	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.	2.1	13
61	In situ evaluation of wastewater discharges and the bioavailability of contaminants to marine biota. Science of the Total Environment, 2015, 538, 876-887.	8.0	25
62	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.	8.2	78
63	Comparative analysis of two weight-of-evidence methodologies for integrated sediment quality assessment. Chemosphere, 2015, 120, 138-144.	8.2	13
64	Contamination by organochlorine pesticides in the aquifer of the <scp>R</scp> ing of <scp>C</scp> enotes in <scp>Y</scp> ucatÃin, <scp>M</scp> éxico. Water and Environment Journal, 2015, 29, 140-150.	2.2	38
65	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, 353-365.	7.5	108
66	Simulation of CO2 leakages during injection and storage in sub-seabed geological formations: Metal mobilization and biota effects. Environment International, 2014, 68, 105-117.	10.0	60
67	Effects of simulated CO2 escape from sediments on the development of midge Chironomus riparius. Aquatic Toxicology, 2014, 156, 230-239.	4.0	14
68	Studying the Effect of CO ₂ -Induced Acidification on Sediment Toxicity Using Acute Amphipod Toxicity Test. Environmental Science & amp; Technology, 2014, 48, 8864-8872.	10.0	44
69	Simulation of the potential effects of CO 2 leakage from carbon capture and storage activities on the mobilization and speciation of metals. Marine Pollution Bulletin, 2014, 86, 59-67.	5.0	23
70	Metal mobility and toxicity to microalgae associated with acidification of sediments: CO2 and acid comparison. Marine Environmental Research, 2014, 96, 136-144.	2.5	57
71	Effects on the mobility of metals from acidification caused by possible CO2 leakage from sub-seabed geological formations. Science of the Total Environment, 2014, 470-471, 356-363.	8.0	64
72	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.	2.4	12

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73	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, 204-209.	5.0	12
74	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, 1408-1418.	6.1	94
75	Several benthic species can be used interchangeably in integrated sediment quality assessment. Ecotoxicology and Environmental Safety, 2013, 92, 281-288.	6.0	9
76	Lethal effects on different marine organisms, associated with sediment–seawater acidification deriving from CO2 leakage. Environmental Science and Pollution Research, 2012, 19, 2550-2560.	5.3	67
77	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.	2.1	9
78	Evaluation of adverse effects induced by carbamazepine and novobiocin drugs in Carcinus maenas. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, S10-S11.	1.8	0
79	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.	10.0	33
80	The application of biochemical responses to assess environmental quality of tropical estuaries: field surveys. Journal of Environmental Monitoring, 2012, 14, 2608.	2.1	22
81	Considerations for integrative environmental assessments of contaminated estuarine sediments. Management of Environmental Quality, 2012, 23, 400-413.	4.3	5
82	Chronic contamination assessment integrating biomarkers' responses in transplanted mussels—A seasonal monitoring. Environmental Toxicology, 2012, 27, 257-267.	4.0	41
83	Hepatic proteome changes in Solea senegalensis exposed to contaminated estuarine sediments: a laboratory and in situ survey. Ecotoxicology, 2012, 21, 1194-1207.	2.4	10
84	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, 249-261.	4.1	30
85	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, 107-120.	7.5	41
86	Identification of specific malformations of sea urchin larvae for toxicity assessment: Application to marine pisciculture effluents. Marine Environmental Research, 2012, 77, 12-22.	2.5	68
87	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, 751-765.	5.0	29
88	Bioaccumulation and Effects of Metals Bound to Sediments Collected from Gulf of CÃidiz (SW Spain) Using the Polychaete Arenicola marina. Archives of Environmental Contamination and Toxicology, 2012, 62, 22-28.	4.1	2
89	Application of neutral red retention assay to caged clams (Ruditapes decussatus) and crabs (Carcinus) Tj ETQo	1 1 0.7843 2.4	14 rgBT /Ove
90	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.	0.6	11

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91	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.	3.5	123
92	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, 146-154.	4.0	25
93	Assessment of the genotoxic potential of contaminated estuarine sediments in fish peripheral blood: Laboratory versus in situ studies. Environmental Research, 2011, 111, 25-36.	7.5	70
94	A promissora provÃncia petrolÃfera do pré-sal. Revista Direito GV, 2011, 7, 57-74.	0.2	8
95	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, 4763-4771.	8.0	79
96	Influence of salinity on fertilization and larval development toxicity tests with two species of sea urchin. Marine Environmental Research, 2011, 72, 196-203.	2.5	36
97	Estuarine ecological risk based on hepatic histopathological indices from laboratory and in situ tested fish. Marine Pollution Bulletin, 2011, 62, 55-65.	5.0	67
98	Validation of Arenicola marina in field toxicity bioassays using benthic cages: Biomarkers as tools for assessing sediment quality. Marine Pollution Bulletin, 2011, 62, 1538-1549.	5.0	29
99	Biomarker responsiveness in different tissues of caged Ruditapes philippinarum and its use within an integrated sediment quality assessment. Environmental Pollution, 2011, 159, 1914-1922.	7.5	44
100	Transcriptomic analyses in a benthic fish exposed to contaminated estuarine sediments through laboratory and in situ bioassays. Ecotoxicology, 2011, 20, 1749-1764.	2.4	17
101	Sediment-Quality Assessment Using the Polychaete Arenicola marina: Contamination, Bioavailability, and Toxicity. Archives of Environmental Contamination and Toxicology, 2011, 61, 578-589.	4.1	17
102	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.		0
103	Influence of Salinity in the Bioavailability of Zn in Sediments of the Gulf of CÃ _i diz (Spain). Water, Air, and Soil Pollution, 2010, 212, 329-336.	2.4	6
104	Harmonised framework for ecological risk assessment of sediments from ports and estuarine zones of North and South Atlantic. Ecotoxicology, 2010, 19, 678-696.	2.4	37
105	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, 3338-3346.	7.5	48
106	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.	1.8	6
107	SQA: a software tool for integrated sediment quality evaluation based on the Weight-Of-Evidence procedure. Environmental Modelling and Software, 2010, 25, 1483-1484.	4.5	3
108	Comparative toxicity of cadmium in the commercial fish species Sparus aurata and Solea senegalensis. Ecotoxicology and Environmental Safety, 2010, 73, 306-311.	6.0	43

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109	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.	1.6	24
110	Toxic effect of copper on marine picophytoplankton populations isolated from different geographic locations. Scientia Marina, 2010, 74, 133-141.	0.6	16
111	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.	0.5	18
112	Ecological risk assessment of sediment management areas: application to Sado Estuary, Portugal. Ecotoxicology, 2009, 18, 1165-1175.	2.4	42
113	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.	2.4	31
114	Toxicity of copper in natural marine picoplankton populations. Ecotoxicology, 2009, 18, 1095-1103.	2.4	27
115	Improved sea-urchin embryo bioassay for in situ evaluation of dredged material. Ecotoxicology, 2009, 18, 1051-1057.	2.4	11
116	Distribution of butyltins (TBT, DBT, MBT) in sediments of Gulf of Cádiz (Spain) and its bioaccumulation in the clam Ruditapes philippinarum. Ecotoxicology, 2009, 18, 1029-1035.	2.4	18
117	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, 1123-1129.	2.4	20
118	Acute toxicity measured in the amphipod Ampelisca brevicornis after exposure to contaminated sediments from Spanish littoral. Ecotoxicology, 2009, 18, 1068-1076.	2.4	16
119	A multibiomarker approach using the polychaete Arenicola marina to assess oil-contaminated sediments. Environmental Science and Pollution Research, 2009, 16, 618-629.	5.3	10
120	Distribution of Arsenic and Trace Metals in the Floodplain Agricultural Soil of Bangladesh. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 11-15.	2.7	52
121	A multivariate assessment of sediment contamination in dredged materials from Spanish ports. Journal of Hazardous Materials, 2009, 163, 1353-1359.	12.4	63
122	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, 320-331.	12.4	108
123	Integrated sediment quality assessment in Paranaguá Estuarine System, Southern Brazil. Ecotoxicology and Environmental Safety, 2009, 72, 1824-1831.	6.0	65
124	Toxicity and bioaccumulation of copper and lead in five marine microalgae. Ecotoxicology and Environmental Safety, 2009, 72, 1503-1513.	6.0	149
125	Biodynamic modelling and the prediction of accumulated trace metal concentrations in the polychaete Arenicola marina. Environmental Pollution, 2009, 157, 2743-2750.	7.5	42
126	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, 31-37.	2.5	18

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127	The use of a kinetic biomarker approach for in situ monitoring of littoral sediments using the crab Carcinus maenas. Marine Environmental Research, 2009, 68, 82-88.	2.5	28
128	Histological biomarkers in liver and gills of juvenile Solea senegalensis exposed to contaminated estuarine sediments: A weighted indices approach. Aquatic Toxicology, 2009, 92, 202-212.	4.0	144
129	Pathways of trace metal uptake in the lugworm Arenicola marina. Aquatic Toxicology, 2009, 92, 9-17.	4.0	58
130	Integrative sediment quality assessment using a biomarker approach: review of 3Âyears of field research. Cell Biology and Toxicology, 2008, 24, 513-526.	5.3	16
131	Toxicokinetic approach for the assessment of endocrine disruption effects of contaminated dredged material using female Carcinus maenas. Ecotoxicology, 2008, 17, 495-503.	2.4	18
132	Using the polychaete Arenicola marina to determine toxicity and bioaccumulation of PAHS bound to sediments. Environmental Monitoring and Assessment, 2008, 142, 219-226.	2.7	14
133	Isolation and characterization of naphthaleneâ€degrading bacteria from sediments of Cadiz area (SW) Tj ETQq1 1	L 0.78431 4.0	4 fgBT /Over
134	<i>In situ</i> evaluation of sediment toxicity in Guadalete Estuary (SW Spain) after exposure of caged <i>Arenicola marina</i> . Environmental Toxicology, 2008, 23, 643-651.	4.0	11
135	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, 634-642.	4.0	17
136	CoastLearn: Lessons learnt from a web-based capacity building in Integrated Coastal Zone Management (ICZM). Ocean and Coastal Management, 2008, 51, 789-796.	4.4	6
137	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, 1592-1597.	1.7	7
138	Is Î-aminolevulinic acid dehydratase activity in bivalves from south-west Iberian Peninsula a good biomarker of lead exposure?. Marine Environmental Research, 2008, 66, 38-40.	2.5	13
139	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.	1.7	71
140	Field validation of a battery of biomarkers to assess sediment quality in Spanish ports. Environmental Pollution, 2008, 151, 631-640.	7.5	81
141	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.	7.5	16
142	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, 514-523.	10.0	24
143	ls Arenicola marina a suitable test organism to evaluate the bioaccumulation potential of Hg, PAHs and PCBs from dredged sediments?. Chemosphere, 2008, 70, 1756-1765.	8.2	11
144	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, 1207-1213.	8.2	39

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145	Accumulation and histopathological damage in the clam Ruditapes philippinarum and the crab Carcinus maenas to assess sediment toxicity in Spanish ports. Chemosphere, 2008, 71, 1916-1927.	8.2	41
146	Sublethal responses in caged organisms exposed to sediments affected by oil spills. Chemosphere, 2008, 72, 819-825.	8.2	41
147	Impact of Emergent Contaminants in the Environment: Environmental Risk Assessment. Handbook of Environmental Chemistry, 2008, , 169-188.	0.4	2
148	Impact of Emergent Contaminants in the Environment: Environmental Risk Assessment. , 2008, , 169-188.		7
149	Assessing sediment quality in Spanish ports using a green alga bioassay. Ciencias Marinas, 2008, 34, .	0.4	4
150	Evaluation of the toxicity of an oil spill conducted through bioassays using the fish Solea senegalensis. Ciencias Marinas, 2008, 34, .	0.4	5
151	Biological analysis (Bioassays, Biomarkers, Biosensors). Sustainable Management of Sediment Resources, 2007, , 131-161.	0.5	5
152	A weight of evidence approach to assess sediment quality in the Guadalquivir estuary. Aquatic Ecosystem Health and Management, 2007, 10, 101-106.	0.6	9
153	Benthos Sediment Quality Assessments. Sustainable Management of Sediment Resources, 2007, , 215-261.	0.5	2
154	Liquid versus solid phase bioassays for dredged material toxicity assessment. Environment International, 2007, 33, 456-462.	10.0	25
155	Comparative sediment quality assessment in different littoral ecosystems from Spain (Gulf of Cadiz) and Brazil (Santos and São Vicente estuarine system). Environment International, 2007, 33, 429-435.	10.0	86
156	The use of a metallothionein-like-proteins (MTLP) kinetic approach for metal bioavailability monitoring in dredged material. Environment International, 2007, 33, 463-468.	10.0	13
157	Determining sediment quality for regulatory proposes using fish chronic bioassays. Environment International, 2007, 33, 474-480.	10.0	34
158	Acid mine drainage pollution in the Tinto and Odiel rivers (Iberian Pyrite Belt, SW Spain) and bioavailability of the transported metals to the Huelva Estuary. Environment International, 2007, 33, 445-455.	10.0	263
159	Comparing sediment quality in Spanish littoral areas affected by acute (Prestige, 2002) and chronic (Bay of Algeciras) oil spills. Environmental Pollution, 2007, 146, 233-240.	7.5	62
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