Miguel Ã‚ngelo Pardal

List of Publications by Year
in descending order

322 papers	10,203 citations	28274 55 h-index	66911 78 g-index
324 all docs	324 docs citations	324 times ranked	8387 citing authors

#	Article	IF	Citations
1	Dynamic changes in seagrass assemblages under eutrophication and implications for recovery. Journal of Experimental Marine Biology and Ecology, 2004, 302, 233-248.	1.5	193
2	Occurrence, fate and effects of azoxystrobin in aquatic ecosystems: A review. Environment International, 2013, 53, 18-28.	10.0	181
3	Analysis of the properties of exergy and biodiversity along an estuarine gradient of eutrophication. Ecological Modelling, 1997, 102, 155-167.	2.5	165
4	Hydrodynamics as a Major Factor Controlling the Occurrence of Green Macroalgal Blooms in a Eutrophic Estuary: A Case Study on the Influence of Precipitation and River Management. Estuarine, Coastal and Shelf Science, 2001, 52, 165-177.	2.1	162
5	Phosphorus speciation and availability in intertidal sediments of a temperate estuary: relation to eutrophication and annual P-fluxes. Estuarine, Coastal and Shelf Science, 2004, 61, 583-590.	2.1	151
6	Impact of eutrophication and river management within a framework of ecosystem theories. Ecological Modelling, 2003, 166, 147-168.	2.5	150
7	Nutrient cycling and plant dynamics in estuaries: A brief review. Acta Oecologica, 1999, 20, 237-248.	1.1	133
8	Mercury pollution in Ria de Aveiro (Portugal): a review of the system assessment. Environmental Monitoring and Assessment, 2009, 155, 39-49.	2.7	120
9	Heavy metal accumulation in Halimione portulacoides: Intra- and extra-cellular metal binding sites. Chemosphere, 2008, 70, 850-857.	8.2	117
10	Meta-analysis of multidecadal biodiversity trends in Europe. Nature Communications, 2020, 11, 3486.	12.8	115
11	Anthropogenic and natural disturbance effects on a macrobenthic estuarine community over a 10-year period. Marine Pollution Bulletin, 2007, 54, 576-585.	5.0	114
12	Description of the three shallow estuaries: Mondego River (Portugal), Roskilde Fjord (Denmark) and the Lagoon of Venice (Italy). Ecological Modelling, 1997, 102, 17-31.	2.5	113
13	Macroalgae response to a mercury contamination gradient in a temperate coastal lagoon (Ria de) Tj ETQq1 1 0.784314 rgBT /Overloc	2.1	112
14	Management of a shallow temperate estuary to control eutrophication: The effect of hydrodynamics on the systemâ€™s nutrient loading. Estuarine, Coastal and Shelf Science, 2005, 65, 697-707.	2.1	112
15	The impact of extreme flooding events and anthropogenic stressors on the macrobenthic communitiesâ€™ dynamics. Estuarine, Coastal and Shelf Science, 2008, 76, 553-565.	2.1	112
16	Secondary production as a tool for better understanding of aquatic ecosystems. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1230-1253.	1.4	112
17	Zooplankton and ichthyoplankton communities in a temperate estuary: spatial and temporal patterns. Journal of Plankton Research, 2006, 28, 297-312.	1.8	111
18	The influence of an extreme drought event in the fish community of a southern Europe temperate estuary. Estuarine, Coastal and Shelf Science, 2007, 75, 537-546.	2.1	110

#	Article	IF	Citations
19	Study on bioaccumulation and biosorption of mercury by living marine macroalgae: Prospecting for a new remediation biotechnology applied to saline waters. Chemical Engineering Journal, 2015, 281, 759-770.	12.7	107
20	Ascendency as an ecological indicator: a case study of estuarine pulse eutrophication. Estuarine, Coastal and Shelf Science, 2004, 60, 23-35.	2.1	103
21	Short- and long-term effects of eutrophication on the secondary production of an intertidal macrobenthic community. Marine Biology, 2003, 143, 1229-1238.	1.5	101
22	Distribution of Corbicula fluminea (MÃ¼ller, 1774) in the invaded range: a geographic approach with notes on species traits variability. Biological Invasions, 2015, 17, 2087-2101.	2.4	100
23	Impact of eutrophication on the life cycle, population dynamics and production of Ampithoe valida (Amphipoda) along an estuarine spatial gradient (Mondego estuary, Portugal). Marine Ecology - Progress Series, 2000, 196, 207-219.	1.9	100
24	The effect of eutrophication abatement on the bivalve Scrobicularia plana. Estuarine, Coastal and Shelf Science, 2005, 63, 261-268.	2.1	91
25	Salinity effects on survival and life history of two freshwater cladocerans (Daphnia magna and) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	89
26	Estuarine production of resident and nursery fish species: Conditioning by drought events?. Estuarine, Coastal and Shelf Science, 2008, 78, 51-60.	2.1	87
27	Feeding ecology, population structure and distribution of Pomatoschistus microps (KrÃ¸yer, 1838) and Pomatoschistus minutus (Pallas, 1770) in a temperate estuary, Portugal. Estuarine, Coastal and Shelf Science, 2006, 66, 231-239.	2.1	85
28	The effect of macrofauna, meiofauna and microfauna on the degradation of Spartina maritima detritus from a salt marsh area. Acta Oecologica, 1999, 20, 249-258.	1.1	82
29	Population structure, dynamics and production of Hydrobia ulvae (Pennant) (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Oecologica, 1999, 20, 289-304.	1.1	80
30	Long-term changes in the production by estuarine macrobenthos affected by multiple stressors. Estuarine, Coastal and Shelf Science, 2011, 92, 10-18.	2.1	80
31	Human Impact Assessment on the Subtidal Macrobenthic Community Structure in the Mondego Estuary (Western Portugal). Estuarine, Coastal and Shelf Science, 1993, 37, 403-419.	2.1	79
32	The use of nursery areas by juvenile fish in a temperate estuary, Portugal. Hydrobiologia, 2007, 587, 281-290.	2.0	79
33	Productivity and nutrient cycling in salt marshes: Contribution to ecosystem health. Estuarine, Coastal and Shelf Science, 2010, 87, 640-646.	2.1	78
34	Assessing environmental quality: a novel approach. Marine Ecology - Progress Series, 2004, 267, 1-8.	1.9	78
35	Effects of extreme climate events on the macrobenthic communitiesâ€™ structure and functioning of a temperate estuary. Marine Pollution Bulletin, 2011, 62, 303-311.	5.0	77
36	Macroinvertebrate response to different species of macroalgal mats and the role of disturbance history. Journal of Experimental Marine Biology and Ecology, 2004, 308, 207-220.	1.5	74

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37	Feeding ecology of the green crab, Carcinus maenas (L., 1758) in a temperate estuary, Portugal. Crustaceana, 2006, 79, 1181-1193.	0.3	72
38	The effect of different primary producers on Hydrobia ulvae population dynamics: a case study in a temperate intertidal estuary. Journal of Experimental Marine Biology and Ecology, 2002, 277, 173-195.	1.5	70
39	Influence of salinity, nutrients and light on the germination and growth of Enteromorpha sp. spores. Journal of Experimental Marine Biology and Ecology, 2007, 341, 142-150.	1.5	69
40	The impact of extreme weather events on the seagrass Zostera noltii and related Hydrobia ulvae population. Marine Pollution Bulletin, 2008, 56, 483-492.	5.0	67
41	Mercury biomagnification in a contaminated estuary food web: Effects of age and trophic position using stable isotope analyses. Marine Pollution Bulletin, 2013, 69, 110-115.	5.0	66
42	Bioaccumulation of Hg, Cd and Pb by Fucus vesiculosus in single and multi-metal contamination scenarios and its effect on growth rate. Chemosphere, 2017, 171, 208-222.	8.2	65
43	Fatty acid profiling reveals seasonal and spatial shifts in zooplankton diet in a temperate estuary. Estuarine, Coastal and Shelf Science, 2012, 109, 70-80.	2.1	64
44	Environmental and human health risk indicators for agricultural pesticides in estuaries. Ecotoxicology and Environmental Safety, 2018, 150, 224-231.	6.0	64
45	Climate variability and planktonic communities: The effect of an extreme event (severe drought) in a southern European estuary. Estuarine, Coastal and Shelf Science, 2007, 73, 725-734.	2.1	62
46	PCDD/Fs and dioxin-like PCBs in sediment and biota from the Mondego estuary (Portugal). Chemosphere, 2011, 83, 1345-1352.	8.2	62
47	Annual production of estuarine fauna in different environmental conditions: An evaluation of the estimation methods. Journal of Experimental Marine Biology and Ecology, 2005, 326, 115-127.	1.5	61
48	Contribution of Spartina maritima to the reduction of eutrophication in estuarine systems. Environmental Pollution, 2008, 156, 628-635.	7.5	61
49	Environmental effects on the recruitment variability of nursery species. Estuarine, Coastal and Shelf Science, 2009, 83, 460-468.	2.1	61
50	The macrobenthic community along a mercury contamination in a temperate estuarine system (Ria de) Tj ETQq0 0 0 rgBT /Overlock 10 T	8.0	60
51	Effects of freshwater flow on the fish assemblage of the Mondego estuary (Portugal): comparison between drought and non-drought years. Marine and Freshwater Research, 2010, 61, 490.	1.3	60
52	A macroalgae-based biotechnology for water remediation: Simultaneous removal of Cd, Pb and Hg by living Ulva lactuca. Journal of Environmental Management, 2017, 191, 275-289.	7.8	60
53	Estuarine colonization, population structure and nursery functioning for 0-group sea bass (Dicentrarchus labrax), flounder (Platichthys flesus) and sole (Solea solea) in a mesotidal temperate estuary. Journal of Applied Ichthyology, 2008, 24, 229-237.	0.7	58
54	Distribution of endocrine disruptors in the Mondego River estuary, Portugal. Environmental Monitoring and Assessment, 2009, 149, 183-193.	2.7	58

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55	Changes in zooplankton diversity and distribution pattern under varying precipitation regimes in a southern temperate estuary. Estuarine, Coastal and Shelf Science, 2009, 82, 341-347.	2.1	57
56	Impact of macroalgal blooms and wader predation on intertidal macroinvertebrates: experimental evidence from the Mondego estuary (Portugal). Journal of Experimental Marine Biology and Ecology, 2000, 249, 165-179.	1.5	55
57	The crab Carcinus maenas as a suitable experimental model in ecotoxicology. Environment International, 2014, 70, 158-182.	10.0	53
58	Strategies of Pomatoschistus minutus and Pomatoschistus microps to cope with environmental instability. Estuarine, Coastal and Shelf Science, 2007, 74, 263-273.	2.1	52
59	Influence of age, sex and breeding status on mercury accumulation patterns in the wandering albatross Diomedea exulans. Environmental Pollution, 2013, 181, 315-320.	7.5	52
60	Pattern and annual rates of Scrobicularia plana mercury bioaccumulation in a human induced mercury gradient (Ria de Aveiro, Portugal). Estuarine, Coastal and Shelf Science, 2006, 69, 629-635.	2.1	51
61	Multi-scale approach using phytoplankton as a first step towards the definition of the ecological status of reservoirs. Ecological Indicators, 2009, 9, 240-255.	6.3	50
62	Effects of dietary carbohydrate on hepatic de novo lipogenesis in European seabass (Dicentrarchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	50
63	Resilience of Hydrobia ulvae populations to anthropogenic and natural disturbances. Marine Ecology - Progress Series, 2005, 289, 191-199.	1.9	50
64	Implications of nutrient decline in the seagrass ecosystem success. Marine Pollution Bulletin, 2010, 60, 601-608.	5.0	49
65	The influence of Spartina maritima on carbon retention capacity in salt marshes from warm-temperate estuaries. Marine Pollution Bulletin, 2010, 61, 215-223.	5.0	49
66	Biology, population dynamics and secondary production of the green crab Carcinus maenas (L.) in a temperate estuary. Estuarine, Coastal and Shelf Science, 2005, 65, 43-52.	2.1	48
67	Zooplankton distribution and dynamics in a temperate shallow estuary. Hydrobiologia, 2007, 587, 213-223.	2.0	47
68	Assessing estuarine environmental quality using fish-based indices: Performance evaluation under climatic instability. Marine Pollution Bulletin, 2008, 56, 1834-1843.	5.0	47
69	Mercury intracellular partitioning and chelation in a salt marsh plant, Halimione portulacoides (L.) Aellen: Strategies underlying tolerance in environmental exposure. Chemosphere, 2009, 74, 530-536.	8.2	46
70	Phosphorous dynamics in a temperate intertidal estuary. Estuarine, Coastal and Shelf Science, 2004, 61, 101-109.	2.1	45
71	Polychaete assemblages as indicators of habitat recovery in a temperate estuary under eutrophication. Estuarine, Coastal and Shelf Science, 2007, 71, 301-308.	2.1	45
72	Multi-year comparisons of fish recruitment, growth and production in two drought-affected Iberian estuaries. Marine and Freshwater Research, 2010, 61, 1399.	1.3	45

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73	Drivers of estuarine benthic species distribution patterns following a restoration of a seagrass bed: A functional trait analyses. Marine Pollution Bulletin, 2013, 72, 47-54.	5.0	45
74	Integrated multitrophic aquaculture systems â€“ Potential risks for food safety. Trends in Food Science and Technology, 2020, 96, 79-90.	15.1	42
75	The influence of environmental factors on the population dynamics, reproductive biology and productivity of Echinogammarus marinus Leach (Amphipoda, Gammaridae) in the Mondego estuary (Portugal). Acta Oecologica, 2001, 22, 139-152.	1.1	41
76	The fish assemblage of the Mondego estuary: composition, structure and trends over the past two decades. Hydrobiologia, 2007, 587, 269-279.	2.0	41
77	Modelling nutrient mass balance in a temperate meso-tidal estuary: Implications for management. Estuarine, Coastal and Shelf Science, 2008, 76, 175-185.	2.1	41
78	A single-step pesticide extraction and clean-up multi-residue analytical method by selective pressurized liquid extraction followed by on-line solid phase extraction and ultra-high-performance liquid chromatography-tandem mass spectrometry for complex matrices. Journal of Chromatography A, 2016, 1452, 10-17.	3.7	41
79	The impact of macroalgal blooms on the use of the intertidal area and feeding behaviour of waders (Charadrii) in the Mondego estuary (west Portugal). Acta Oecologica, 1999, 20, 417-427.	1.1	40
80	Seasonal fluctuations of tissue mercury contents in the European shore crab Carcinus maenas from low and high contamination areas (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2006, 52, 1450-1457.	5.0	40
81	Evaluation of estuarine mesozooplankton dynamics at a fine temporal scale: the role of seasonal, lunar and diel cycles. Journal of Plankton Research, 2009, 31, 1249-1263.	1.8	40
82	Multi-residue and multi-class determination of antibiotics in gilthead sea bream (Sparus aurata) by ultra high-performance liquid chromatography-tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 817-826.	2.3	40
83	Salinity as the major factor affecting Scirpus maritimus annual dynamics. Aquatic Botany, 2003, 77, 111-120.	1.6	39
84	Occurrence and seasonal loads of pesticides in surface water and suspended particulate matter from a wetland of worldwide interestâ€”the Ria Formosa Lagoon, Portugal. Environmental Monitoring and Assessment, 2015, 187, 669.	2.7	39
85	Environmental assessment of pesticides in the Mondego River Estuary (Portugal). Marine Pollution Bulletin, 2016, 103, 240-246.	5.0	39
86	Mercury biomagnification in a Southern Ocean food web. Environmental Pollution, 2021, 275, 116620.	7.5	39
87	Influence of tidal resuspension on seston lithogenic and biogenic partitioning in shallow estuarine systems: Implications for sampling. Marine Pollution Bulletin, 2008, 56, 348-354.	5.0	38
88	Mercury mobility in a salt marsh colonised by Halimione portulacoides. Chemosphere, 2008, 72, 1607-1613.	8.2	38
89	Impact of climate variability on ichthyoplankton communities: An example of a small temperate estuary. Estuarine, Coastal and Shelf Science, 2011, 91, 484-491.	2.1	38
90	Ascendency as Ecological Indicator for Environmental Quality Assessment at the Ecosystem Level: A Case Study. Hydrobiologia, 2006, 555, 19-30.	2.0	37

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91	Spatial and seasonal distribution of 17 endocrine disruptor compounds in an urban estuary (Mondego) Tj ETQq1 1 0.784314 rgBT /Over Assessment, 2014, 186, 3337-3350.	2.7	37
92	Long-term functional changes in an estuarine fish assemblage. Marine Pollution Bulletin, 2015, 97, 125-134.	5.0	37
93	Spatial and temporal patterns of benthic invertebrates in the Tagus estuary, Portugal: comparison between subtidal and an intertidal mudflat. Scientia Marina, 2009, 73, 307-318.	0.6	37
94	Denitrification: an ecosystem service provided by salt marshes. Marine Ecology - Progress Series, 2012, 448, 79-92.	1.9	36
95	Are Taxonomic Distinctness measures compliant to other ecological indicators in assessing ecological status?. Marine Pollution Bulletin, 2006, 52, 817-829.	5.0	35
96	Applying quality status criteria to a temperate estuary before and after the mitigation measures to reduce eutrophication symptoms. Estuarine, Coastal and Shelf Science, 2007, 72, 177-187.	2.1	35
97	Predicting zooplankton response to environmental changes in a temperate estuarine ecosystem. Marine Biology, 2008, 155, 531-541.	1.5	35
98	The role of two sediment-dwelling invertebrates on the mercury transfer from sediments to the estuarine trophic web. Estuarine, Coastal and Shelf Science, 2008, 78, 505-512.	2.1	35
99	Long-term effects of mercury in a salt marsh: Hysteresis in the distribution of vegetation following recovery from contamination. Chemosphere, 2008, 71, 765-772.	8.2	35
100	Population dynamics of Cyathura carinata (Isopoda) in a eutrophic temperate estuary. Estuarine, Coastal and Shelf Science, 2004, 61, 669-677.	2.1	34
101	Pattern and pathways for mercury lifespan bioaccumulation in Carcinus maenas. Marine Pollution Bulletin, 2008, 56, 1104-1110.	5.0	34
102	Feeding patterns of the dominant benthic and demersal fish community in a temperate estuary. Journal of Fish Biology, 2008, 72, 2500-2517.	1.6	33
103	Trends in estuarine fish assemblages facing different environmental conditions: combining diversity with functional attributes. Aquatic Ecology, 2012, 46, 201-214.	1.5	33
104	Mercury accumulation in fish species along the Portuguese coast: Are there potential risks to human health?. Marine Pollution Bulletin, 2020, 150, 110740.	5.0	33
105	Significant variations in the productivity of green macroalgae in a mesotidal estuary: Implications to the nutrient loading of the system and the adjacent coastal area. Marine Pollution Bulletin, 2007, 54, 678-690.	5.0	32
106	The response of primary producer assemblages to mitigation measures to reduce eutrophication in a temperate estuary. Estuarine, Coastal and Shelf Science, 2008, 77, 688-696.	2.1	32
107	Frequency of micronuclei and of other nuclear abnormalities in erythrocytes of the grey mullet from the Mondego, Douro and Ave estuariesâ€"Portugal. Environmental Science and Pollution Research, 2014, 21, 6057-6068.	5.3	32
108	Beach morphodynamic impact on a macrobenthic community along a subtidal depth gradient. Marine Ecology - Progress Series, 2007, 352, 113-124.	1.9	32

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109	Feeding guild composition of a macrobenthic subtidal community along a depth gradient. Scientia Marina, 2009, 73, 225-237.	0.6	32
110	Mercury in salt marshes ecosystems: Halimione portulacoides as biomonitor. Chemosphere, 2008, 73, 1224-1229.	8.2	31
111	Mercury bioaccumulation in the spotted dogfish (Scyliorhinus canicula) from the Atlantic Ocean. Marine Pollution Bulletin, 2010, 60, 1372-1375.	5.0	30
112	Analysis of glucose metabolism in farmed European sea bass (Dicentrarchus labrax L.) using deuterated water. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 160, 341-347.	1.8	30
113	Kinetics of Mercury Accumulation and Its Effects on Ulva lactuca Growth Rate at Two Salinities and Exposure Conditions. Water, Air, and Soil Pollution, 2011, 217, 689-699.	2.4	30
114	Juvenile nursery colonization patterns for the European flounder (Platichthys flesus): A latitudinal approach. Journal of Sea Research, 2013, 84, 61-69.	1.6	30
115	Fish and mercury: Influence of fish fillet culinary practices on human risk. Food Control, 2016, 60, 575-581.	5.5	30
116	Mercury levels in Southern Ocean squid: Variability over the last decade. Chemosphere, 2020, 239, 124785.	8.2	30
117	Influence of benthic macroinvertebrates on the erodability of estuarine cohesive sediments: Density- and biomass-specific responses. Estuarine, Coastal and Shelf Science, 2013, 134, 80-87.	2.1	29
118	Influences of Climate Change and Variability on Estuarine Ecosystems: An Impact Study in Selected European, South American and Asian Countries. International Journal of Environmental Research and Public Health, 2022, 19, 585.	2.6	29
119	Spatial distribution and quantification of endocrine-disrupting chemicals in Sado River estuary, Portugal. Environmental Monitoring and Assessment, 2009, 159, 415-427.	2.7	28
120	Effects of food-deprivation and refeeding on the regulation and sources of blood glucose appearance in European seabass (Dicentrarchus labrax L.). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 399-405.	1.8	28
121	Colonization and nursery habitat use patterns of larval and juvenile flatfish species in a small temperate estuary. Journal of Sea Research, 2013, 76, 126-134.	1.6	28
122	Development and application of a QuEChERS-based extraction method for the analysis of 55 pesticides in the bivalve Scrobicularia plana by GC-MS/MS. Analytical and Bioanalytical Chemistry, 2016, 408, 3681-3698.	3.7	28
123	Comparison of the biology, dynamics, and secondary production of Talorchestia brito (Amphipoda,) Tj ETQq1 1 0.784314 rgBT /Overlo Shelf Science, 2003, 58, 901-916.	2.1	27
124	Are taxonomic distinctness measures compliant to other ecological indicators in assessing ecological status?. Marine Pollution Bulletin, 2006, 52, 162-174.	5.0	27
125	Applicability of ecological evaluation tools in estuarine ecosystems: the case of the lower Mondego estuary (Portugal). Hydrobiologia, 2007, 587, 101-112.	2.0	27
126	Sandy beach macrofaunal communities on the western coast of Portugal â€“ Is there a steady structure under similar exposed conditions?. Estuarine, Coastal and Shelf Science, 2009, 81, 555-568.	2.1	27

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127	Does the flatfish community of the Mondego estuary (Portugal) reflect environmental changes?. Journal of Applied Ichthyology, 2010, 26, 843-852.	0.7	27
128	Environmental forcing on jellyfish communities in a small temperate estuary. Marine Environmental Research, 2012, 79, 152-159.	2.5	27
129	Assessment of spatial environmental quality status in Ria de Aveiro (Portugal). Scientia Marina, 2007, 71, 293-304.	0.6	27
130	Determination of 17 endocrine disruptor compounds and their spatial and seasonal distribution in the Sado River Estuary (Portugal). Toxicological and Environmental Chemistry, 2013, 95, 237-253.	1.2	26
131	Changes in zooplankton communities along a mercury contamination gradient in a coastal lagoon (Ria de Aveiro, Portugal). Marine Pollution Bulletin, 2013, 76, 170-177.	5.0	26
132	The influence of sulfathiazole on the macroalgae Ulva lactuca. Chemosphere, 2014, 100, 105-110.	8.2	26
133	Long-term monitoring of a mercury contaminated estuary (Ria de Aveiro, Portugal): the effect of weather events and management in mercury transport. Hydrological Processes, 2014, 28, 352-360.	2.6	26
134	Seasonal variation in short-term survival of Zostera noltii transplants in a declining meadow in Portugal. Aquatic Botany, 2005, 82, 132-142.	1.6	25
135	Evaluation of an interlaboratory proficiency-testing exercise for total mercury in environmental samples of soils, sediments and fish tissue. TrAC - Trends in Analytical Chemistry, 2008, 27, 959-970.	11.4	25
136	Different mercury bioaccumulation kinetics by two macrobenthic species: The bivalve Scrobicularia plana and the polychaete Hediste diversicolor. Marine Environmental Research, 2009, 68, 12-18.	2.5	25
137	The effects of the nitrofuran furaltadone on Ulva lactuca. Chemosphere, 2011, 82, 1010-1016.	8.2	25
138	Hepatic glycogen synthesis in farmed European seabass (Dicentrarchus labrax L.) is dominated by indirect pathway fluxes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 22-29.	1.8	25
139	Scrobicularia plana (Mollusca, Bivalvia) as a biomonitor for mercury contamination in Portuguese estuaries. Ecological Indicators, 2014, 46, 447-453.	6.3	25
140	Population dynamics, distribution and secondary production of the brown shrimp Crangon crangon (L.) in a southern European estuary. Latitudinal variations. Scientia Marina, 2007, 71, 451-460.	0.6	25
141	The Effect of Zostera noltii, Spartina maritima and Scirpus maritimus on Sediment Pore-water Profiles in a Temperate Intertidal Estuary. Hydrobiologia, 2006, 555, 175-183.	2.0	24
142	Impact of mercury contamination on the population dynamics of Peringia ulvae (Gastropoda): Implications on metal transfer through the trophic web. Estuarine, Coastal and Shelf Science, 2013, 129, 189-197.	2.1	24
143	Cardiomyocyte H9c2 cells present a valuable alternative to fish lethal testing for azoxystrobin. Environmental Pollution, 2015, 206, 619-626.	7.5	24
144	Climate influence on juvenile European sea bass (Dicentrarchus labrax, L.) populations in an estuarine nursery: A decadal overview. Marine Environmental Research, 2016, 122, 93-104.	2.5	24

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145	Seasonal-spatial survey of pesticides in the most significant estuary of the Iberian Peninsula â€“ the Tagus River estuary. Journal of Cleaner Production, 2016, 126, 419-427.	9.3	24
146	Assessment of Mercury in Water, Sediments and Biota of a Southern European Estuary (Sado Estuary,) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	23
147	Recovery trends of Scrobicularia plana populations after restoration measures, affected by extreme climate events. Marine Environmental Research, 2014, 98, 39-48.	2.5	23
148	Multi-matrix quantification and risk assessment of pesticides in the longest river of the Iberian peninsula. Science of the Total Environment, 2016, 572, 263-272.	8.0	23
149	Seasonal Variation of Surface Sediments Composition in Mondego River Estuary. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 317-329.	1.7	22
150	Ecological indicators performance during a re-colonisation field experiment and its compliance with ecosystem theories. Ecological Indicators, 2006, 6, 43-57.	6.3	22
151	Influence of bioturbation by Hediste diversicolor on mercury fluxes from estuarine sediments: A mesocosms laboratory experiment. Marine Pollution Bulletin, 2008, 56, 325-334.	5.0	22
152	Estuarine nurseries for marine fish. Management of Environmental Quality, 2012, 23, 414-433.	4.3	22
153	Organochlorine accumulation on a highly consumed bivalve (Scrobicularia plana) and its main implications for human health. Science of the Total Environment, 2013, 461-462, 188-197.	8.0	22
154	Efficacy of single and multi-metric fish-based indices in tracking anthropogenic pressures in estuaries: An 8-year case study. Marine Pollution Bulletin, 2015, 101, 153-162.	5.0	22
155	Impact of microphallid trematodes on the survivorship, growth, and reproduction of an isopod (Cyathura carinata). Journal of Experimental Marine Biology and Ecology, 2005, 318, 191-199.	1.5	21
156	Contribution of primary producers to mercury trophic transfer in estuarine ecosystems: Possible effects of eutrophication. Marine Pollution Bulletin, 2009, 58, 358-365.	5.0	21
157	A Stochastic Dynamic Methodology (StDM) for reservoir's water quality management: Validation of a multi-scale approach in a south European basin (Douro, Portugal). Ecological Indicators, 2009, 9, 329-345.	6.3	21
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