João Miguel Dias

List of Publications by Year
in descending order

171	3,701	136740	197535
papers	citations	32	49
		h-index	g-index

171	171	171	3188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Water renewal estimation for sustainable aquaculture development in Ria de Aveiro and Rias Baixas. Regional Studies in Marine Science, 2022, 49, 102098.	0.4	1
2	Modelling Salt Intrusion and Estuarine Plumes under Climate Change Scenarios in Two Transitional Ecosystems from the NW Atlantic Coast. Journal of Marine Science and Engineering, 2022, 10, 262.	1.2	10
3	Evaluation of future estuarine floods in a sea level rise context. Scientific Reports, 2022, 12, 8083.	1.6	15
4	Marine Modelling: Contributions, Advantages, and Areas of Application of Numerical Tools. Encyclopedia of the UN Sustainable Development Goals, 2022, , 620-629.	0.0	0
5	Harnessing of Different WECs to Harvest Wave Energy along the Galician Coast (NW Spain). Journal of Marine Science and Engineering, 2022, 10, 719.	1.2	10
6	Dynamics and Causes of Sea Level Rise in the Coastal Region of Southwest Bangladesh at Global, Regional, and Local Levels. Journal of Marine Science and Engineering, 2022, 10, 779.	1.2	7
7	Optimization of safe navigability conditions in shallow inland waters: The Routinav app. Ocean Engineering, 2022, 259, 111946.	1.9	1
8	Parasite Assemblages in a Bivalve Host Associated with Changes in Hydrodynamics. Estuaries and Coasts, 2021, 44, 1036-1049.	1.0	4
9	Modeling Dynamic Processes of Mondego Estuary and Óbidos Lagoon Using Delft3D. Journal of Marine Science and Engineering, 2021, 9, 91.	1.2	16
10	Approaching Sea-Level Rise (SLR) Change: Strengthening Local Responses to Sea-Level Rise and Coping with Climate Change in Northern Mozambique. Journal of Marine Science and Engineering, 2021, 9, 205.	1.2	11
11	A Comprehensive Estuarine Hydrodynamics-Salinity Study: Impact of Morphologic Changes on Ria de Aveiro (Atlantic Coast of Portugal). Journal of Marine Science and Engineering, 2021, 9, 234.	1.2	17
12	Economic Feasibility of Floating Offshore Wind Farms Considering Near Future Wind Resources: Case Study of Iberian Coast and Bay of Biscay. International Journal of Environmental Research and Public Health, 2021, 18, 2553.	1.2	8
13	Flooding Conditions at Aveiro Port (Portugal) within the Framework of Projected Climate Change. Journal of Marine Science and Engineering, 2021, 9, 595.	1.2	7
14	Modelling the distribution of microplastics released by wastewater treatment plants in Ria de Vigo (NW Iberian Peninsula). Marine Pollution Bulletin, 2021, 166, 112227.	2.3	19
15	Extreme Meteorological Events in a Coastal Lagoon Ecosystem: The Ria de Aveiro Lagoon (Portugal) Case Study. Journal of Marine Science and Engineering, 2021, 9, 727.	1.2	5
16	Dynamics of Two Anadromous Species in a Dam Intersected River: Analysis of Two 100-Year Datasets. Fishes, 2021, 6, 21.	0.7	8
17	Assessing salt marsh loss and degradation by combining long‑term LANDSAT imagery and numerical modelling. Land Degradation and Development, 2021, 32, 4534-4545.	1.8	10
18	Coupled modelling of the interaction between dissolved substances emitted by Minho and Lima estuarine outflows (Portugal). Journal of Marine Systems, 2021, 222, 103601.	0.9	5

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19	A Delphi method to classify wave energy resource for the 21st century: Application to the NW Iberian Peninsula. Energy, 2021, 235, 121396.	4.5	22
20	A habitat suitability model for aquaculture site selection: Ria de Aveiro and Rias Baixas. Science of the Total Environment, 2021, 801, 149687.	3.9	9
21	Marine Modelling: Contributions, Advantages, and Areas of Application of Numerical Tools. Encyclopedia of the UN Sustainable Development Goals, 2021, , 1-10.	0.0	0
22	Optimal AUV trajectory planning and execution control for maritime pollution incident response. , 2021, , .		0
23	Coastal Floods Induced by Mean Sea Level Rise—Ecological and Socioeconomic Impacts on a Mesotidal Lagoon. Journal of Marine Science and Engineering, 2021, 9, 1430.	1.2	7
24	NW Iberian Peninsula coastal upwelling future weakening: Competition between wind intensification and surface heating. Science of the Total Environment, 2020, 703, 134808.	3.9	39
25	Evaluating the Future Efficiency of Wave Energy Converters along the NW Coast of the Iberian Peninsula. Energies, 2020, 13, 3563.	1.6	18
26	Physico-Chemical Characterization of Two Portuguese Coastal Systems: Ria de Alvor and Mira Estuary. Journal of Marine Science and Engineering, 2020, 8, 537.	1.2	7
27	Assessment of Hybrid Wind-Wave Energy Resource for the NW Coast of Iberian Peninsula in a Climate Change Context. Applied Sciences (Switzerland), 2020, 10, 7395.	1.3	19
28	Roving pharmacies: Modelling the dispersion of pharmaceutical contamination in estuaries. Ecological Indicators, 2020, 115, 106437.	2.6	19
29	Assessing salt marsh extent and condition changes with 35 years of Landsat imagery: Tagus Estuary case study. Remote Sensing of Environment, 2020, 247, 111939.	4.6	28
30	The Tagus Estuary as a Numerical Modeling Test Bed: A Review. Geosciences (Switzerland), 2020, 10, 4.	1.0	6
31	Synoptic Spatio-Temporal Variability of the Photosynthetic Productivity of Microphytobenthos and Phytoplankton in a Tidal Estuary. Frontiers in Marine Science, 2020, 7, .	1.2	32
32	Tide-surge interaction in Ria de Aveiro lagoon and its influence in local inundation patterns. Continental Shelf Research, 2020, 200, 104132.	0.9	11
33	Numerical modeling of hydrodynamic circulation in Ichkeul Lake-Tunisia. Energy Reports, 2020, 6, 208-213.	2.5	9
34	Global and regional evolution of sea surface temperature under climate change. Global and Planetary Change, 2020, 190, 103190.	1.6	37
35	The Value Function as a Decision Support Tool in Unmanned Vehicle Operations. IFAC-PapersOnLine, 2020, 53, 14608-14613.	0.5	4
36	Numerical Modelling of Plastic Debris Transport and Accumulation throughout Portuguese Coast. Journal of Coastal Research, 2020, 95, 1252.	0.1	10

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37	Assessing the Potential of Minho and Lima Estuaries for Aquaculture. Journal of Coastal Research, 2020, 95, 148.	0.1	2
38	FIRST-YEAR UNIVERSITY STUDENTS LEARNING BACKGROUND: AN INTERREGIONAL STUDY OF THE IMPORTANCE AND RELEVANCE OF ACADEMIC CHOICES. , 2020, , .		0
39	Climate Change Impact in the Ria de Aveiro Lagoon Ecosystem: A Case Study. Journal of Marine Science and Engineering, 2019, 7, 352.	1.2	6
40	A modeling study of light extinction due to cohesive sediments in a shallow coastal lagoon under well mixed conditions. Science of the Total Environment, 2019, 694, 133707.	3.9	8
41	Functional resilience of PSII, vertical distribution and ecosystem-level estimates of subsurface microphytobenthos in estuarine tidal flats. Continental Shelf Research, 2019, 182, 46-56.	0.9	11
42	Optimizing autonomous underwater vehicle routes with the aid of high resolution ocean models. , 2019, , .		3
43	Improvement of an Operational Forecasting System for Extreme Tidal Events in Santos Estuary (Brazil). Geosciences (Switzerland), 2019, 9, 511.	1.0	4
44	Modeling the Impact of Extreme River Discharge on the Nutrient Dynamics and Dissolved Oxygen in Two Adjacent Estuaries (Portugal). Journal of Marine Science and Engineering, 2019, 7, 412.	1.2	17
45	New insights about the primary production dependence on abiotic factors: Ria de Aveiro case study. Ecological Indicators, 2019, 106, 105555.	2.6	12
46	Evaluation of long-term estuarine vegetation changes through Landsat imagery. Science of the Total Environment, 2019, 653, 512-522.	3.9	22
47	Hydrodynamics of river plume intrusion into an adjacent estuary: The Minho River and Ria de Vigo. Journal of Marine Systems, 2019, 189, 87-97.	0.9	35
48	Numerical Characterization of the Douro River Plume. Lecture Notes in Computer Science, 2019, , 279-286.	1.0	0
49	Multiple Autonomous Vehicles Applied to Plume Detection and Tracking. , 2018, , .		6
50	Trajectory Optimization for Underwater Vehicles in Time-Varying Ocean Flows. , 2018, , .		3
51	Using AUVs to study estuarine outflow stratification under severe environmental constraints. , 2018, , .		1
52	Development and deployment of an estuarine microbuoy. , 2018, , .		0
53	Climate Change Effects on Suspended Sediment Dynamics in a Coastal Lagoon: Ria de Aveiro (Portugal). Journal of Coastal Research, 2018, 85, 521-525.	0.1	4
54	Subtidal variability of the Tagus river plume in winter 2013. Science of the Total Environment, 2018, 627, 1353-1362.	3.9	12

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55	Assessment of Dredging/Dumping Scenarios for Figueira da Foz Coastal Region (W Portugal). Journal of Coastal Research, 2018, 85, 1266-1270.	0.1	1
56	Using LAUVs in highly dynamic environments: influence of the tidal estuarine outflow in the thermocline structure. , 2018, , .		2
57	On the accuracy of CORDEX RCMs to project future winds over the Iberian Peninsula and surrounding ocean. Applied Energy, 2018, 228, 289-300.	5.1	36
58	Estimating the Mean Circulation and Water Exchange of the Gulf of Suez-Red Sea via a Validated One-Way Atmospheric-Hydrodynamic Coupled Model. Earth Systems and Environment, 2018, 2, 213-231.	3.0	8
59	Integrated High-resolution Numerical Model for the NW Iberian Peninsula Coast and Main Estuarine Systems. Journal of Coastal Research, 2018, 85, 66-70.	0.1	10
60	Functional and ecophysiological traits of Halimione portulacoides and Sarcocornia perennis ecotypes in Mediterranean salt marshes under different tidal exposures. Ecological Research, 2018, 33, 1145-1156.	0.7	7
61	Influence of MeteOcean processes on MSYM sea level predictions in the Malacca Straits. Modern Management Forum, 2018, 2, .	0.1	1
62	An evaluation of climate change effects in estuarine salinity patterns: Application to Ria de Aveiro shallow water system. Estuarine, Coastal and Shelf Science, 2017, 189, 33-45.	0.9	38
63	Challenges for the WFD second management cycle after the implementation of a regional multi-municipality sanitation system in a coastal lagoon (Ria de Aveiro, Portugal). Science of the Total Environment, 2017, 586, 215-225.	3.9	15
64	Seasonality of coastal upwelling trends under future warming scenarios along the southern limit of the canary upwelling system. Progress in Oceanography, 2017, 153, 16-23.	1.5	21
65	Seasonal and interannual variability of the Douro turbid river plume, northwestern Iberian Peninsula. Remote Sensing of Environment, 2017, 194, 401-411.	4.6	23
66	Why coastal upwelling is expected to increase along the western Iberian Peninsula over the next century?. Science of the Total Environment, 2017, 592, 243-251.	3.9	37
67	Revisiting the outwelling hypothesis: Modelling salt marsh detrital metal exports under extreme climatic events. Marine Chemistry, 2017, 191, 24-33.	0.9	19
68	Flood risk assessment in a coastal lagoon under present and future scenarios: Ria de Aveiro case study. Natural Hazards, 2017, 89, 1307-1325.	1.6	20
69	Influence of main forcing affecting the Tagus turbid plume under high river discharges using MODIS imagery. PLoS ONE, 2017, 12, e0187036.	1.1	16
70	Intertidal seagrass models: Insights towards the development and implementation of a desiccation module. Ecological Modelling, 2017, 354, 20-25.	1.2	6
71	Will Climate Change Endangers the Current Mussel Production in the Rias Baixas (Galicia, Spain)?. Aquaculture & Fisheries, 2017, 1, 1-5.	0.1	3
72	Upwelling and Chlâ€a spatiotemporal variability along the Galician coast: dependence on circulation weather types. International Journal of Climatology, 2016, 36, 3280-3296.	1.5	11

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73	David and Goliath Revisited: Joint Modelling of the Tagus and Sado Estuaries. Journal of Coastal Research, 2016, 75, 123-127.	0.1	13
74	Primary production of the benthic microalgae in the bottom sediments of Ria de Aveiro lagoon. Journal of Coastal Research, 2016, 75, 178-182.	0.1	6
75	Fundão Dam collapse: Oceanic dispersion of River Doce after the greatest Brazilian environmental accident. Marine Pollution Bulletin, 2016, 112, 359-364.	2.3	118
76	How will Somali coastal upwelling evolve under future warming scenarios?. Scientific Reports, 2016, 6, 30137.	1.6	32
77	Influence of upwelling on SST trends in La Guajira system. Journal of Geophysical Research: Oceans, 2016, 121, 2469-2480.	1.0	20
78	Biological response of a coastal plain estuary to torrential episodes: a modelling study. Journal of Coastal Research, 2016, 75, 79-83.	0.1	2
79	Thriving of Zostera noltei under intertidal conditions: implications for the modelling of seagrass populations. Marine Biology, 2016, 163, 1.	0.7	8
80	New insights into the Western Iberian Buoyant Plume: Interaction between the Douro and Minho River plumes under winter conditions. Progress in Oceanography, 2016, 141, 30-43.	1.5	32
81	Influence of Coastal Upwelling on SST Trends along the South Coast of Java. PLoS ONE, 2016, 11, e0162122.	1.1	22
82	Tidal dynamics in a changing lagoon: Flooding or not flooding the marginal regions. Estuarine, Coastal and Shelf Science, 2015, 167, 14-24.	0.9	24
83	A dipole–like <scp>SST</scp> trend in the <scp>S</scp>omalia region during the monsoon season. Journal of Geophysical Research: Oceans, 2015, 120, 597-607.	1.0	16
84	Assessing the state of the lower level of the trophic web of a temperate lagoon, in situations of light or nutrient stress: A modeling study. Ecological Modelling, 2015, 313, 59-76.	1.2	20
85	Assessment of flood hazard during extreme sea levels in a tidally dominated lagoon. Natural Hazards, 2015, 77, 1345-1364.	1.6	21
86	Modeling SST and chlorophyll patterns in a coupled estuary-coastal system of Portugal: The Tagus case study. Journal of Marine Systems, 2015, 147, 123-137.	0.9	23
87	Analysis of the influence of river discharge and wind on the Ebro turbid plume using MODIS-Aqua and MODIS-Terra data. Journal of Marine Systems, 2015, 142, 40-46.	0.9	41
88	Estuarine and coastal morphodynamics - Editorial. Journal of Integrated Coastal Zone Management, 2015, 15, 5-7.	0.2	2
89	Unusual Circulation Patterns of the Rias Baixas Induced by Minho Freshwater Intrusion (NW of the) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	11
90	Tidal dispersion and flushing times in a multiple inlet lagoon. Journal of Coastal Research, 2014, 70, 598-603.	0.1	4

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91	An interactive WebGIS observatory platform for enhanced support of integrated coastal management. Journal of Coastal Research, 2014, 70, 507-512.	0.1	19
92	Development of an oil spill hazard scenarios database for risk assessment. Journal of Coastal Research, 2014, 70, 539-544.	0.1	10
93	Impact of freshwater inflow on bacterial abundance and activity in the estuarine system Ria de Aveiro. Estuarine, Coastal and Shelf Science, 2014, 138, 107-120.	0.9	20
94	Heterotrophic activities of neustonic and planktonic bacterial communities in an estuarine environment (Ria de Aveiro). Journal of Plankton Research, 2014, 36, 230-242.	0.8	9
95	Assessment of chlorophyll variability along the northwestern coast of Iberian Peninsula. Journal of Sea Research, 2014, 93, 2-11.	0.6	22
96	Observation of a turbid plume using MODIS imagery: The case of Douro estuary (Portugal). Remote Sensing of Environment, 2014, 154, 127-138.	4.6	34
97	Photochemical and microbial alterations of DOM spectroscopic properties in the estuarine system Ria de Aveiro. Photochemical and Photobiological Sciences, 2014, 13, 1146-1159.	1.6	26
98	Modeling the Minho River plume intrusion into the Rias Baixas (NW Iberian Peninsula). Continental Shelf Research, 2014, 85, 30-41.	0.9	26
99	Abiotic control modelling of salt marsh sediments respiratory CO_2 fluxes: application to increasing temperature scenarios. Ecological Indicators, 2014, 46, 110-118.	2.6	7
100	Influence of the Minho River plume on the Rias Baixas (NW of the Iberian Peninsula). Journal of Marine Systems, 2014, 139, 248-260.	0.9	16
101	Modelling sea level rise (SLR) impacts on salt marsh detrital outwelling C and N exports from an estuarine coastal lagoon to the ocean (Ria de Aveiro, Portugal). Ecological Modelling, 2014, 289, 36-44.	1.2	26
102	The influence of the Maputo and Incomati rivers on the mixing and outflow of freshwater from Maputo Bay (Mozambique). Journal of Coastal Research, 2014, 70, 580-585.	0.1	5
103	Salinity modelling accuracy of a coastal lagoon: a comparative river flow analysis of basin model vs. traditional approaches. Journal of Coastal Research, 2014, 70, 586-591.	0.1	7
104	Influence of climate change on the Ria de Aveiro littoral: adaptation strategies for flooding events and shoreline retreat. Journal of Coastal Research, 2014, 70, 320-325.	0.1	7
105	Study of suspended sediment dynamics in a temperate coastal lagoon: Ria de Aveiro (Portugal). Journal of Coastal Research, 2014, 70, 604-609.	0.1	4
106	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.	1.1	26
107	Influence of mean sea level rise on tidal dynamics of the Ria de Aveiro lagoon, Portugal. Journal of Coastal Research, 2014, 70, 574-579.	0.1	8
108	Residual currents and transport pathways in the Tagus estuary, Portugal: the role of freshwater discharge and wind. Journal of Coastal Research, 2014, 70, 610-615.	0.1	17

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109	New multi-metric Salt Marsh Sediment Microbial Index (SSMI) application to salt marsh sediments ecological status assessment. Ecological Indicators, 2013, 29, 390-397.	2.6	6
110	Tagus estuary and Ria de Aveiro salt marsh dynamics and the impact of sea level rise. Estuarine, Coastal and Shelf Science, 2013, 130, 138-151.	0.9	40
111	Generating inundation maps for a coastal lagoon: A case study in the Ria de Aveiro (Portugal). Ocean Engineering, 2013, 64, 60-71.	1.9	38
112	Abiotic modulation of Spartina maritima photobiology in different latitudinal populations. Estuarine, Coastal and Shelf Science, 2013, 130, 127-137.	0.9	30
113	Assessment of Wind Pattern Accuracy from the QuikSCAT Satellite and the WRF Model along the Galician Coast (Northwest Iberian Peninsula). Monthly Weather Review, 2013, 141, 742-753.	0.5	22
114	Potential impacts of the mean sea level rise on the hydrodynamics of the Douro river estuary. Journal of Coastal Research, 2013, 165, 1951-1956.	0.1	8
115	Influence of morphological changes in a lagoon flooding extension: case study of Ria de Aveiro (Portugal). Journal of Coastal Research, 2013, 165, 1158-1163.	0.1	22
116	Coastal wave regime influence on Ria de Aveiro inlet dynamics. Journal of Coastal Research, 2013, 165, 1605-1610.	0.1	6
117	Application of the generic DPSIR framework to seagrass communities of Ria de Aveiro: a better understanding of this coastal lagoon. Journal of Coastal Research, 2013, 65, 19-24.	0.1	24
118	Numerical modelling of shoreline evolution in the Aveiro coast, Portugal – climate change scenarios. Journal of Coastal Research, 2013, 165, 2161-2166.	0.1	13
119	Turbidity under changing physical forcing over two contrasting locations of seagrass meadows. Journal of Coastal Research, 2013, 165, 2023-2028.	0.1	10
120	Storm surge impact in the hydrodynamics of a tidal lagoon: the case of Ria de Aveiro. Journal of Coastal Research, 2013, 65, 796-801.	0.1	14
121	Effect of Minho estuarine plume on Rias Baixas: numerical modeling approach. Journal of Coastal Research, 2013, 165, 2059-2064.	0.1	10
122	Flooding assessment under sea level rise scenarios: Ria de Aveiro case study. Journal of Coastal Research, 2013, 65, 766-771.	0.1	35
123	Sea level rise impact in residual circulation in Tagus estuary and Ria de Aveiro lagoon. Journal of Coastal Research, 2013, 165, 1981-1986.	0.1	26
124	Chlorophyll concentration along the northwestern coast of the Iberian Peninsula vs. atmosphere-ocean-land conditions. Journal of Coastal Research, 2013, 165, 2047-2052.	0.1	7
125	Influence of upwelling events on the estuaries of the north-western coast of the Iberian Peninsula. Marine and Freshwater Research, 2013, 64, 1123.	0.7	8
126	A Numerical Study of Local Variations in Tidal Regime of Tagus Estuary, Portugal. PLoS ONE, 2013, 8, e80450.	1.1	26

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127	Establishing the wave climate influence on the morphodynamics of a coastal lagoon inlet. Ocean Dynamics, 2012, 62, 799-814.	0.9	17
128	Records of sedimentary dynamics in the continental shelf and upper slope between Aveiro–Espinho (N) Tj ETQq0 0 0 rgBT /Overlock 1	0.9	13
129	Salt Fluxes in a Complex River Mouth System of Portugal. PLoS ONE, 2012, 7, e47349.	1.1	12
130	INFLUENCE OF THE WAVE REGIME IN COASTAL SEDIMENT BUDGET: PRESENT AND FUTURE SCENARIOS. Coastal Engineering Proceedings, 2012, , 85.	0.1	1
131	Local sea level change scenarios for the end of the 21st century and potential physical impacts in the lower Ria de Aveiro (Portugal). Continental Shelf Research, 2011, 31, 1515-1526.	0.9	42
132	Erosion and accretion in the Ria de Aveiro inlet (N Portugal) and exportation of fine–grained sediments to the shelf. Journal of Iberian Geology, 2011, 37, .	0.7	5
133	Relation between bacterial activity in the surface microlayer and estuarine hydrodynamics. FEMS Microbiology Ecology, 2011, 77, 636-646.	1.3	24
134	Comparative analysis of upwelling influence between the western and northern coast of the Iberian Peninsula. Continental Shelf Research, 2011, 31, 388-399.	0.9	100
135	Industrialization of advanced optical technologies for environmental monitoring. Clean Technologies and Environmental Policy, 2010, 12, 65-73.	2.1	7
136	Sensitivity analysis of a morphodynamic modelling system applied to a coastal lagoon inlet. Ocean Dynamics, 2010, 60, 275-284.	0.9	20
137	Summer upwelling frequency along the western Cantabrian coast from 1967 to 2007. Journal of Marine Systems, 2010, 79, 218-226.	0.9	47
138	Tidal changes in estuarine systems induced by local geomorphologic modifications. Continental Shelf Research, 2010, 30, 1854-1864.	0.9	63
139	Is the salt marsh vegetation a determining factor in the sedimentation processes?. Hydrobiologia, 2009, 621, 33-47.	1.0	28
140	Numerical modeling of the impact of the Ancão Inlet relocation (Ria Formosa, Portugal). Environmental Modelling and Software, 2009, 24, 711-725.	1.9	67
141	Three-dimensional modelling of a tidal channel: The Espinheiro Channel (Portugal). Continental Shelf Research, 2009, 29, 29-41.	0.9	61
142	Mercury fluxes between an impacted coastal lagoon and the Atlantic Ocean. Estuarine, Coastal and Shelf Science, 2008, 76, 787-796.	0.9	23
143	Inputs of organic carbon from Ria de Aveiro coastal lagoon to the Atlantic Ocean. Estuarine, Coastal and Shelf Science, 2008, 79, 751-757.	0.9	15
144	Hydrographic characterization of an estuarine tidal channel. Journal of Marine Systems, 2008, 70, 168-181.	0.9	44

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145	Effect of low salinity on the survival of recently hatched veliger of Nassarius reticulatus (L.) in estuarine habitats: A case study of Ria de Aveiro. Journal of Sea Research, 2008, 59, 133-143.	0.6	26
146	Model simulations of tidal changes in a coastal lagoon, the Ria de Aveiro (Portugal). Continental Shelf Research, 2008, 28, 1010-1025.	0.9	56
147	Spatiotemporal evolution of upwelling regime along the western coast of the Iberian Peninsula. Journal of Geophysical Research, 2008, 113, .	3.3	71
148	Estimation of water transport from oscillations of the on-shore telluric field generated by tides. Earth and Planetary Science Letters, 2007, 263, 420-428.	1.8	0
149	Tidal transport and dispersal of marine toxic microalgae in a shallow, temperate coastal lagoon. Marine Environmental Research, 2007, 63, 313-340.	1.1	20
150	Influence of salt marsh on bacterial activity in two estuaries with different hydrodynamic characteristics (Ria de Aveiro and Tagus Estuary). FEMS Microbiology Ecology, 2007, 60, 429-441.	1.3	22
151	Application of the Mohid-2D model to a mesotidal temperate coastal lagoon. Computers and Geosciences, 2007, 33, 1204-1209.	2.0	26
152	Nutrient dynamics and seasonal succession of phytoplankton assemblages in a Southern European Estuary: Ria de Aveiro, Portugal. Estuarine, Coastal and Shelf Science, 2007, 71, 480-490.	0.9	61
153	Numerical modelling of fish eggs dispersion at the Patos Lagoon estuary â€" Brazil. Journal of Marine Systems, 2007, 68, 537-555.	0.9	34
154	Residual circulation and sediment distribution in the Ria de Aveiro lagoon, Portugal. Journal of Marine Systems, 2007, 68, 507-528.	0.9	39
155	Bacterial Productivity Distribution During a Rainy Year in an Estuarine System. Microbial Ecology, 2007, 53, 208-220.	1.4	12
156	NUMERICAL MODELING OF THE AVEIRO INLET DYNAMICS. , 2007, , .		9
157	Numerical modelling of cohesive sediments transport in the Ria de Aveiro lagoon, Portugal. Journal of Hydrology, 2006, 319, 176-198.	2.3	59
158	Singular spectrum analysis and forecasting of hydrological time series. Physics and Chemistry of the Earth, 2006, 31, 1172-1179.	1.2	85
159	Motional induction voltage measurements in estuarine environments: the Ria de Aveiro Lagoon (Portugal). Geophysical Journal International, 2006, 166, 126-134.	1.0	7
160	Implementation and assessment of hydrodynamic, salt and heat transport models: The case of Ria de Aveiro Lagoon (Portugal). Environmental Modelling and Software, 2006, 21, 1-15.	1.9	115
161	Tidal characteristics of Maputo Bay, Mozambique. Journal of Marine Systems, 2005, 58, 83-97.	0.9	20
162	Horizontal patterns of water temperature and salinity in an estuarine tidal channel: Ria de Aveiro. Ocean Dynamics, 2005, 55, 416-429.	0.9	53

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163	The water quality of the Ria de Aveiro lagoon, Portugal: From the observations to the implementation of a numerical model. Marine Environmental Research, 2005, 60, 594-628.	1.1	52
164	Advanced optical technologies for monitoring estuaries and coastal environments. Ciencias Marinas, 2005, 31, 275-284.	0.4	1
165	Title is missing!. Aquatic Ecology, 2003, 37, 45-54.	0.7	17
166	A numerical system to study the transport properties in the Ria de Aveiro lagoon. Ocean Dynamics, 2003, 53, 220-231.	0.9	57
167	Measurements of motinally induction voltage in the Ria de Aveiro lagoon (Portugal). , 2003, , .		0
168	Lagrangian transport of particles in Ria de Aveiro lagoon, Portugal. Physics and Chemistry of the Earth, 2001, 26, 721-727.	0.3	53
169	Influence of tides and river inputs on suspended sediment transport in the Ria de Aveiro lagoon, Portugal. Physics and Chemistry of the Earth, 2001, 26, 729-734.	0.3	21
170	Tidal propagation in Ria de Aveiro Lagoon, Portugal. Physics and Chemistry of the Earth, 2000, 25, 369-374.	0.3	164
171	Hydrological characterisation of Ria de Aveiro, Portugal, in early summer. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 1999, 22, 473-485.	0.7	132