Ramiro J J Neves

List of Publications by Year
in descending order

112	2,737	186265	214800
papers	citations	28 h-index	47 g-index

123	123	123	3316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-frequency circulation on the Ilha Grande channel, Rio de Janeiro, Brazil. Regional Studies in Marine Science, 2022, 50, 102129.	0.7	1
2	The Influence of the River Discharge on Residence Time, Exposure Time and Integrated Water Fractions for the Tagus Estuary (Portugal). Frontiers in Marine Science, 2022, 8, .	2.5	4
3	Modeling Streamflow at the Iberian Peninsula Scale Using MOHID-Land: Challenges from a Coarse Scale Approach. Water (Switzerland), 2022, 14, 1013.	2.7	2
4	Framework for Improving Land Boundary Conditions in Ocean Regional Products. Journal of Marine Science and Engineering, 2022, 10, 852.	2.6	1
5	Improving 3D-MOHID water model with an upscaling algorithm. Environmental Modelling and Software, 2021, 135, 104920.	4.5	6
6	Modeling investigation of the nutrients and phytoplankton dynamics in the Moroccan Atlantic coast: A case study of Agadir coast. Ecological Modelling, 2021, 447, 109510.	2.5	4
7	HidrodinÃ¢mica da BaÃa do Lobito. Parte II - Escoamento BaroclÃnico. Journal of Integrated Coastal Zone Management, 2021, 21, 111-125.	0.1	0
8	HidrodinÃ¢mica da BaÃa do Lobito. Parte I - Correntes de marÃ©. Journal of Integrated Coastal Zone Management, 2021, 21, 101-110.	0.1	0
9	Exploring the Use of Vegetation Indices for Validating Crop Transpiration Fluxes Computed with the MOHID-Land Model. Application to Vineyard. Agronomy, 2021, 11, 1228.	3.0	2
10	Coupling Rivers and Estuaries with an Ocean Model: An Improved Methodology. Water (Switzerland), 2021, 13, 2284.	2.7	1
11	Coastal Ocean Observing and Modeling Systems in Brazil: Initiatives and Future Perspectives. Frontiers in Marine Science, 2021, 8, .	2.5	11
12	Evaluation of the trophic status in a Mediterranean reservoir under climate change: An integrated modelling approach. Journal of Water and Climate Change, 2021, 12, 817-832.	2.9	4
13	IrrigaSys: A web-based irrigation decision support system based on open source data and technology. Computers and Electronics in Agriculture, 2020, 178, 105822.	7.7	31
14	Sensitivity Analysis of the MOHID-Land Hydrological Model: A Case Study of the Ulla River Basin. Water (Switzerland), 2020, 12, 3258.	2.7	6
15	The Tagus Estuary as a Numerical Modeling Test Bed: A Review. Geosciences (Switzerland), 2020, 10, 4.	2.2	6
16	Mechanistic approach for oyster growth prediction under contrasting culturing conditions. Aquaculture, 2020, 522, 735105.	3.5	5
17	Validation of the 3D-MOHID Hydrodynamic Model for the Tagus Coastal Area. Water (Switzerland), 2019, 11, 1713.	2.7	13
18	Influence of reservoir management on Guadiana streamflow regime. Journal of Hydrology: Regional Studies, 2019, 25, 100628.	2.4	15

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19	Assessing Water and Nutrient Long-Term Dynamics and Loads in the EnxoÃ© Temporary River Basin (Southeast Portugal). Water (Switzerland), 2019, 11, 354.	2.7	9
20	Using a Hydrologic Model to Assess the Performance of Regional Climate Models in a Semi-Arid Watershed in Brazil. Water (Switzerland), 2019, 11, 170.	2.7	21
21	An Integrated Modelling Approach to Study Future Water Demand Vulnerability in the Montargil Reservoir Basin, Portugal. Sustainability, 2019, 11, 206.	3.2	4
22	Integrated modelling for water quality management in a eutrophic reservoir in south-eastern Portugal. Environmental Earth Sciences, 2018, 77, 1.	2.7	21
23	Understanding multiple stressors in a Mediterranean basin: Combined effects of land use, water scarcity and nutrient enrichment. Science of the Total Environment, 2018, 624, 1221-1233.	8.0	54
24	Towards improved accuracy in modeling aeration efficiency through understanding bubble size distribution dynamics. Water Research, 2018, 131, 346-355.	11.3	30
25	Water Quantity and Quality under Future Climate and Societal Scenarios: A Basin-Wide Approach Applied to the Sorraia River, Portugal. Water (Switzerland), 2018, 10, 1186.	2.7	12
26	Assessing the Impact of LAI Data Assimilation on Simulations of the Soil Water Balance and Maize Development Using MOHID-Land. Water (Switzerland), 2018, 10, 1367.	2.7	12
27	An Integrated Analysis of the Eutrophication Process in the EnxoÃ© Reservoir within the DPSIR Framework. Water (Switzerland), 2018, 10, 1576.	2.7	9
28	Subtidal variability of the Tagus river plume in winter 2013. Science of the Total Environment, 2018, 627, 1353-1362.	8.0	12
29	Using a Hierarchical Approach to Calibrate SWAT and Predict the Semi-Arid Hydrologic Regime of Northeastern Brazil. Water (Switzerland), 2018, 10, 1137.	2.7	19
30	Predicting the effectiveness of different mulching techniques in reducing post-fire runoff and erosion at plot scale with the RUSLE, MMF and PESERA models. Environmental Research, 2018, 165, 365-378.	7.5	64
31	Modeling Soil Water Dynamics and Pasture Growth in the Montado Ecosystem Using MOHID Land. Water (Switzerland), 2018, 10, 489.	2.7	16
32	Reducing marine eutrophication may require a paradigmatic change. Science of the Total Environment, 2018, 635, 1444-1466.	8.0	92
33	Modelling trace metal transfer in large rivers under dynamic hydrology: A coupled hydrodynamic and chemical equilibrium model. Environmental Modelling and Software, 2017, 89, 77-96.	4.5	19
34	Modelling soil water and maize growth dynamics influenced by shallow groundwater conditions in the Sorraia Valley region, Portugal. Agricultural Water Management, 2017, 185, 27-42.	5.6	46
35	Development and validation of a morphological model for multiple sediment classes. International Journal of Sediment Research, 2017, 32, 585-596.	3.5	12
36	Modeling flood dynamics in a temporary river draining to an eutrophic reservoir in southeast Portugal. Environmental Earth Sciences, 2017, 76, 1.	2.7	12

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37	The role of bivalves in the Balgzand: First steps on an integrated modelling approach. Ecological Modelling, 2017, 359, 34-48.	2.5	15
38	Towards advanced aeration modelling: from blower to bubbles to bulk. Water Science and Technology, 2017, 75, 507-517.	2.5	26
39	A simple multi-criteria approach to delimitate nitrate attenuation zones in alluvial floodplains. Four cases in south-western Europe. Ecological Engineering, 2017, 103, 315-331.	3.6	17
40	Floodplain capacity to depollute water in relation to the structure of biological communities. Ecological Engineering, 2017, 103, 301-314.	3.6	7
41	Modelling of sediment transport and morphological evolution under the combined action of waves and currents. Ocean Science, 2017, 13, 673-690.	3.4	20
42	A Comprehensive System for Simulating Oil Spill Trajectory and Behaviour in Subsurface and Surface Water Environments. International Oil Spill Conference Proceedings, 2017, 2017, 1251-1266.	0.1	3
43	AUTOMATED SYSTEM FOR NEAR-REAL TIME PREDICTION OF OIL SPILLS FROM EU SATELLITE-BASED DETECTION SERVICE. International Oil Spill Conference Proceedings, 2017, 2017, 1574-1593.	0.1	2
44	From regional to local scale modelling on the south-eastern Brazilian shelf: case study of ParanaguÃ¡ estuarine system. Brazilian Journal of Oceanography, 2016, 64, 277-294.	0.6	15
45	Combining operational models and data into a dynamic vessel risk assessment tool for coastal regions. Ocean Science, 2016, 12, 285-317.	3.4	12
46	Spatially distributed modelling of surface water-groundwater exchanges during overbank flood events â€“ a case study at the Garonne River. Advances in Water Resources, 2016, 94, 146-159.	3.8	25
47	Sensitivity of river fishes to climate change: The role of hydrological stressors on habitat range shifts. Science of the Total Environment, 2016, 562, 435-445.	8.0	25
48	Coupling watersheds, estuaries and regional ocean through numerical modelling for Western Iberia: a novel methodology. Ocean Dynamics, 2016, 66, 1745-1756.	2.2	22
49	Different modelling approaches to evaluate nitrogen transport and turnover at the watershed scale. Journal of Hydrology, 2016, 539, 478-494.	5.4	20
50	Numerical Simulation of Soil Water Dynamics Under Stationary Sprinkler Irrigation With Mohidâ€Łand. Irrigation and Drainage, 2016, 65, 98-111.	1.7	16
51	On the Choice of Linear Regression Algorithms for Biological and Ecological Applications. Annual Research & Review in Biology, 2016, 10, 1-9.	0.4	8
52	Integrating operational watershed and coastal models for the Iberian Coast: Watershed model implementation â€“ A first approach. Estuarine, Coastal and Shelf Science, 2015, 167, 138-146.	2.1	24
53	Water fluxes and renewal rates at Pertuis d'Antioche/Marennes-OlÃ©ron Bay, France. Estuarine, Coastal and Shelf Science, 2015, 167, 32-44.	2.1	8
54	Operational decision support system for large combined sewage systems: Lisbon/Tagus estuary case study. Water Science and Technology, 2015, 72, 1421-1427.	2.5	1

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55	Mercury levels assessment in hair of riverside inhabitants of the TapajÃ³s River, ParÃ¡ State, Amazon, Brazil: Fish consumption as a possible route of exposure. Journal of Trace Elements in Medicine and Biology, 2015, 30, 66-76.	3.0	46
56	Water-air CO2 fluxes in the Tagus estuary plume (Portugal) during two distinct winter episodes. Carbon Balance and Management, 2015, 10, 2.	3.2	4
57	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.	2.1	23
58	Modelling the thermal effluent of a near coast power plant (Sines, Portugal). Journal of Integrated Coastal Zone Management, 2015, 15, 533-544.	0.1	13
59	Tide and Tidal Currents in the Cape Verde Archipelago. Journal of Integrated Coastal Zone Management, 2015, 15, 395-408.	0.1	1
60	From Eutrophic to Mesotrophic: Modelling Watershed Management Scenarios to Change the Trophic Status of a Reservoir. International Journal of Environmental Research and Public Health, 2014, 11, 3015-3031.	2.6	14
61	Trophic state evaluation after urban loads diversion in a eutrophic coastal lagoon (Ã“bidos Lagoon,) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	6
62	Advances in Modeling of Water Quality in Estuaries. Coastal Research Library, 2014, , 237-276.	0.4	9
63	Characterisation of the BahÃa Blanca estuary by data analysis and numerical modelling. Journal of Marine Systems, 2014, 129, 415-424.	2.1	7
64	Modelling of cohesive sediment dynamics in tidal estuarine systems: Case study of Tagus estuary, Portugal. Estuarine, Coastal and Shelf Science, 2014, 151, 34-44.	2.1	34
65	Dynamic Risk Assessment of Shoreline Contamination from Ships: Integrating an Oil Spill Model. International Oil Spill Conference Proceedings, 2014, 2014, 299678.	0.1	0
66	Integrated coastal zone management in South America: A look at three contrasting systems. Ocean and Coastal Management, 2013, 72, 22-35.	4.4	31
67	Impact evaluation of a pisciculture in the TucuruÃ-reservoir (ParÃ¡, Brazil) using a two-dimensional water quality model. Journal of Hydrology, 2013, 487, 1-12.	5.4	38
68	Three-dimensional model for analysis of spatial and temporal patterns of phytoplankton in TucuruÃ-reservoir, ParÃ¡, Brazil. Ecological Modelling, 2013, 253, 28-43.	2.5	39
69	Modelling Seagrass Biomass and Relative Nutrient Content. Journal of Coastal Research, 2013, 29, 1470.	0.3	6
70	Modeling water quality in reservoirs used for angling competition: Can groundbait contribute to eutrophication?. Lake and Reservoir Management, 2013, 29, 257-269.	1.3	13
71	AnÃ¡lise de PressÃµes Ã Escala Espacial numa Barcia HidrogrÃ¡fica de CaracterÃsticas MediterrÃ¢nicas (Bacia do Pardiela-Guadiana, Portugal) (Analysing Pressures at Spatial Scale in a Mediterranean Basin) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	9
72	Toward a qualified process for coastal models: Integrated Development of Applied Systems for Coastal Management (IDeASyCoM). Ocean and Coastal Management, 2012, 69, 307-315.	4.4	2

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73	An operational model for the West Iberian coast: products and services. Ocean Science, 2012, 8, 713-732.	3.4	62
74	A novel approach to analysing the regimes of temporary streams in relation to their controls on the composition and structure of aquatic biota. Hydrology and Earth System Sciences, 2012, 16, 3165-3182.	4.9	101
75	Residence time of water in the Mondego estuary (Portugal). Estuarine, Coastal and Shelf Science, 2012, 106, 13-22.	2.1	53
76	Is it relevant to explicitly parameterize chlorophyll synthesis in marine ecological models?. Journal of Marine Systems, 2012, 94, S23-S33.	2.1	12
77	A process-oriented model of pelagic biogeochemistry for marine systems. Part II: Application to a mesotidal estuary. Journal of Marine Systems, 2012, 94, S90-S101.	2.1	17
78	MODELLING TOOLS TO SUPPORT AN EARLY ALERT SYSTEM FOR BATHING WATER QUALITY. Environmental Engineering and Management Journal, 2012, 11, 907-918.	0.6	8
79	Benthic biodiversity patterns in Ria de Aveiro, Western Portugal: Environmental-biological relationships. Estuarine, Coastal and Shelf Science, 2011, 95, 338-348.	2.1	72
80	Influence of tide and waves on water renewal in Ã“bidos Lagoon, Portugal. Ocean Dynamics, 2010, 60, 41-55.	2.2	32
81	Predicting the consequences of nutrient reduction on the eutrophication status of the North Sea. Journal of Marine Systems, 2010, 81, 148-170.	2.1	131
82	Integrated monitoring of South Portugal water bodies: a methodology towards WFD. Water Science and Technology, 2009, 60, 1979-1988.	2.5	10
83	An advanced modelling tool for simulating complex river systems. Science of the Total Environment, 2009, 407, 3004-3016.	8.0	49
84	A reachâ€scale biogeochemical model for temporary rivers. Hydrological Processes, 2009, 23, 272-283.	2.6	12
85	The autonomous Simpatico system for real-time continuous water-quality and current velocity monitoring: examples of application in three Portuguese estuaries. Geo-Marine Letters, 2009, 29, 331-341.	1.1	25
86	Effect of coastal waves on sea level in Ã“bidos Lagoon, Portugal. Continental Shelf Research, 2009, 29, 1240-1250.	1.8	66
87	Investigating hydrological regimes and processes in a set of catchments with temporary waters in Mediterranean Europe. Hydrological Sciences Journal, 2008, 53, 618-628.	2.6	28
88	Evaluating light and nutrient limitation in the Tagus estuary using a process-oriented ecological model. Journal of Marine Engineering and Technology, 2008, 7, 43-54.	4.1	18
89	Nutrient dynamics in Mediterranean temporary streams: A case study in Pardiela catchment (Degebe) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	31
90	NUMERICAL MODELS AS DECISION SUPPORT TOOLS IN COASTAL AREAS. , 2007, , 171-195.		4

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91	Integrated Water Management. , 2007, , 421-446.		1
92	Modelling the influence of nutrient loads on Portuguese estuaries. Hydrobiologia, 2007, 587, 5-18.	2.0	54
93	Modelling macroalgae using a 3D hydrodynamic-ecological model in a shallow, temperate estuary. Ecological Modelling, 2005, 187, 232-246.	2.5	81
94	Management of coastal eutrophication: Integration of field data, ecosystem-scale simulations and screening models. Journal of Marine Systems, 2005, 56, 375-390.	2.1	88
95	Modelling the main features of the Algarve coastal circulation during July 2004: A downscaling approach. Vital, 2005, 10, 421-462.	0.0	50
96	Atmospheric forcing of ocean dynamics along the Iberian Atlantic margin. Vital, 2005, 10, 307-308.	0.0	0
97	The object-oriented design of the integrated water modelling system MOHID. Developments in Water Science, 2004, 55, 1079-1090.	0.1	22
98	A different approach to the modified Picard method for water flow in variably saturated media. Developments in Water Science, 2004, , 557-567.	0.1	5
99	A methodology to estimate renewal time scales in estuaries: the Tagus Estuary case. Ocean Dynamics, 2003, 53, 137-145.	2.2	104
100	Wind influence on water exchange between the ria of Ferrol (NW Spain) and the shelf. Estuarine, Coastal and Shelf Science, 2003, 56, 1055-1064.	2.1	21
101	A model for ocean circulation on the Iberian coast. Journal of Marine Systems, 2002, 32, 153-179.	2.1	69
102	A circulation model for the European ocean margin. Applied Mathematical Modelling, 2002, 26, 563-582.	4.2	17
103	Simulating vertical water mixing in homogeneous estuaries: [2pt] the SADO Estuary case. Hydrobiologia, 2002, 475/476, 221-227.	2.0	11
104	3D modelling in the Sado estuary using a new generic vertical discretization approach. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2001, 24, 51-62.	0.7	145
105	A two-dimensional particle tracking model for pollution dispersion in A CoruÃ±a and Vigo Rias (NW) Tj ETQq1 1 0.784314 rgBT /Overlo 22, 167-177.	0.7	55
106	Hydrodynamic and sediment suspension modelling in estuarine systems. Journal of Marine Systems, 1999, 22, 105-116.	2.1	55
107	Hydrodynamic and sediment suspension modelling in estuarine systems. Journal of Marine Systems, 1999, 22, 117-131.	2.1	46
108	Wastewater diffusion in the estoril coast: Theoretical calculations and field studies. Water Science and Technology, 1998, 38, 337.	2.5	3

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109	Numerical modelling of suspended sediment transport in tidal estuaries: A comparison between the Tagus (Portugal) and the Scheldt (Belgium-the Netherlands). Netherlands Journal of Aquatic Ecology, 1994, 28, 329-335.	0.3	22
110	3D-numerical modelling of cohesive suspended sediment in the Western Scheldt estuary (The) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	0.3	9
111	A semi-implicit tidal model of the North European Continental Shelf. Applied Mathematical Modelling, 1985, 9, 395-402.	4.2	6
112	Coupling Watersheds, Estuaries and Regional Oceanography through Numerical Modelling in the Western Iberia: Thermohaline Flux Variability at the Ocean-Estuary Interface. , 0, , .		4