

Rui Taborda

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,731
citations

331670

21
h-index

289244

40
g-index

65
all docs

65
docs citations

65
times ranked

2101
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Morphological Development and Behaviour of a Shoreface Nourishment in the Portuguese Western Coast. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 146. | 2.6 | 14 |
| 2 | A punctuated equilibrium model for storm response of geologically controlled beaches: Application to western Portuguese beaches. <i>Geomorphology</i> , 2022, 404, 108184. | 2.6 | 2 |
| 3 | Triggers in science communication: "The Nazaré Wave: A trigger for learning" Continental Shelf Research, 2022, 244, 104805. | 1.8 | 2 |
| 4 | Challenges and new strategies in assessing multidecadal shore platform sandy beach evolution from aerial imagery. <i>Marine Geology</i> , 2021, 436, 106472. | 2.1 | 3 |
| 5 | How to foster scientific knowledge integration in coastal management. <i>Ocean and Coastal Management</i> , 2021, 209, 105661. | 4.4 | 6 |
| 6 | Headland bypassing and overpassing: form, processes and applications. , 2020, , 557-591. | | 8 |
| 7 | Wave Directional Spreading Importance on Sheltered Embayed Beaches. <i>Journal of Coastal Research</i> , 2020, 95, 1536. | 0.3 | 2 |
| 8 | Breaking Wave Height Estimation from Timex Images: Two Methods for Coastal Video Monitoring Systems. <i>Remote Sensing</i> , 2020, 12, 204. | 4.0 | 20 |
| 9 | Aquifer Contamination by Coastal Floods in the Plain of Costa Da Caparica, Almada (Portugal). <i>Advances in Science, Technology and Innovation</i> , 2020, , 17-20. | 0.4 | 0 |
| 10 | Drivers of island beach evolution: insights from an island-scale study at Boa Vista (Cabo Verde). <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2810-2822. | 2.5 | 1 |
| 11 | The future of insular beaches: Insights from a past-to-future sediment budget approach. <i>Science of the Total Environment</i> , 2019, 676, 692-705. | 8.0 | 8 |
| 12 | Operational Use of Surfcam Online Streaming Images for Coastal Morphodynamic Studies. <i>Remote Sensing</i> , 2019, 11, 78. | 4.0 | 30 |
| 13 | Sedimentary dynamics and benthic macrofauna distribution: Insights from the shoreface in southern Portugal. <i>Journal of Sea Research</i> , 2018, 137, 9-25. | 1.6 | 7 |
| 14 | UAV Derived Information Applied to the Study of Slow-changing Morphology in Dune Systems. <i>Journal of Coastal Research</i> , 2018, 85, 226-230. | 0.3 | 9 |
| 15 | Nearshore sediment transport: Coupling sand tracer dynamics with oceanographic forcing. <i>Marine Geology</i> , 2017, 385, 293-303. | 2.1 | 16 |
| 16 | Upstream public engagement on coastal issues: Audience response to a science-based exhibition. <i>Ocean and Coastal Management</i> , 2017, 144, 83-89. | 4.4 | 5 |
| 17 | Sedimentary constraints on the development of a narrow deep strait (São Sebastião Channel, SE Tj ETQq1 1 0.784314 rgBT /Over | 1.1 | 12 |
| 18 | A Modeling Approach to Assess the Key Factors in the Evolution of Coastal Systems: the Ebro North Hemidelta Case. <i>Estuaries and Coasts</i> , 2017, 40, 758-772. | 2.2 | 3 |

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|----|--|-----|-----------|
| 19 | Grape harvest dates as indicator of spring-summer mean maxima temperature variations in the Minho region (NW of Portugal) since the 19th century. <i>Global and Planetary Change</i> , 2016, 141, 39-53. | 3.5 | 12 |
| 20 | Assessing the extreme overwash regime along an embayed urban beach. <i>Geomorphology</i> , 2016, 274, 64-77. | 2.6 | 9 |
| 21 | Coastal geoinicators: Towards the establishment of a common framework for sandy coastal environments. <i>Earth-Science Reviews</i> , 2016, 154, 183-190. | 9.1 | 30 |
| 22 | Coastline evolution of Portuguese low-lying sandy coast in the last 50 years: an integrated approach. <i>Earth System Science Data</i> , 2016, 8, 265-278. | 9.9 | 66 |
| 23 | A simple model to estimate the impact of sea-level rise on platform beaches. <i>Geomorphology</i> , 2015, 234, 204-210. | 2.6 | 21 |
| 24 | Sediment transport patterns on the Estremadura Spur continental shelf: Insights from grain-size trend analysis. <i>Journal of Sea Research</i> , 2014, 93, 28-32. | 1.6 | 10 |
| 25 | The behaviour of deformable and non-deformable inclusions in viscous flow. <i>Earth-Science Reviews</i> , 2014, 134, 16-69. | 9.1 | 20 |
| 26 | Metodologia para o traçado da Linha de Máxima Preia-Mar de Águas Vivas Equinociais em ambientes de transição: aplicação ao estuário do Tejo (Portugal). <i>Journal of Integrated Coastal Zone Management</i> , 2014, 14, 95-107. | 0.1 | 7 |
| 27 | Advances in Video Monitoring of the Beach and Nearshore: The Long-Term Perspective. <i>Coastal Research Library</i> , 2014, , 277-294. | 0.4 | 0 |
| 28 | Integration of beach hydrodynamic and morphodynamic modelling in a GIS environment. <i>Journal of Coastal Conservation</i> , 2013, 17, 201-210. | 1.6 | 3 |
| 29 | Geomorphological response of the salt-marshes in the Tagus estuary to sea level rise. <i>Journal of Coastal Research</i> , 2013, 65, 582-587. | 0.3 | 6 |
| 30 | Estuarine margins vulnerability to floods for different sea level rise and human occupation scenarios. <i>Journal of Coastal Research</i> , 2013, 65, 820-825. | 0.3 | 11 |
| 31 | A GIS-assisted reconstruction of the Holocene transgressive paleosurface of Pederneira lowland (W) Tj ETQq1 1 0.784314 rgBT /Overf | 0.3 | 0 |
| 32 | Optimizing beach topographical field surveys: matching the effort with the objectives. <i>Journal of Coastal Research</i> , 2013, 65, 588-593. | 0.3 | 3 |
| 33 | Understanding the coastal variability at Norte beach, Portugal. <i>Journal of Coastal Research</i> , 2013, 165, 2173-2178. | 0.3 | 5 |
| 34 | Seasonal to Decadal Variability of Longshore Sand Transport at the Northwest Coast of Portugal. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2012, 138, 464-472. | 1.2 | 22 |
| 35 | Adding a temporal dimension to the RUSLE model: Application to the Portuguese west coast. , 2012, , . | | 0 |
| 36 | COSMOS: A lightweight coastal video monitoring system. <i>Computers and Geosciences</i> , 2012, 49, 248-255. | 4.2 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Microtextural characteristics of quartz grains transported and deposited by tsunamis and storms. <i>Sedimentary Geology</i> , 2012, 275-276, 55-69. | 2.1 | 86 |
| 38 | Influence of Wave Action and Lithology on Sea Cliff Mass Movements in Central Algarve Coast, Portugal. <i>Journal of Coastal Research</i> , 2011, 275, 162-171. | 0.3 | 24 |
| 39 | Performance of intertidal topography video monitoring of a meso-tidal reflective beach in South Portugal. <i>Ocean Dynamics</i> , 2011, 61, 1521-1540. | 2.2 | 55 |
| 40 | Boulder deposition during major tsunami events. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 2054-2068. | 2.5 | 54 |
| 41 | Effect of Inlet Morphology and Wave Action on Pollutant Pathways and Sediment Dynamics in a Coastal Stream. , 2010, , . | | 2 |
| 42 | Wave climate variability in the North-East Atlantic Ocean over the last six decades. <i>Ocean Modelling</i> , 2010, 31, 120-131. | 2.4 | 268 |
| 43 | Environmental constraints of foraminiferal assemblages distribution across a brackish tidal marsh (Caminha, NW Portugal). <i>Marine Micropaleontology</i> , 2009, 70, 70-88. | 1.2 | 42 |
| 44 | Clam dredging effects and subsequent recovery of benthic communities at different depth ranges. <i>Marine Environmental Research</i> , 2009, 67, 89-99. | 2.5 | 29 |
| 45 | Implications of Sea-Level Rise for Continental Portugal. <i>Journal of Coastal Research</i> , 2008, 242, 317-324. | 0.3 | 50 |
| 46 | Longshore drift estimation using fluorescent tracers: New insights from an experiment at Comporta Beach, Portugal. <i>Marine Geology</i> , 2007, 240, 137-150. | 2.1 | 39 |
| 47 | Sedimentary characterization of Tagus estuarine beaches (Portugal). <i>Journal of Soils and Sediments</i> , 2007, 7, 296-302. | 3.0 | 21 |
| 48 | An integrated method for the determination of set-back lines for coastal erosion hazards on sandy shores. <i>Continental Shelf Research</i> , 2006, 26, 1030-1044. | 1.8 | 98 |
| 49 | Comment on "Numerical models of flow patterns around a rigid inclusion in a viscous matrix undergoing simple shear: implications of model parameters and boundary conditions" by N. Mandal, S.K. Samanta and C. Chakraborty [Journal of Structural Geology 27 (2005) 1599-1609]. <i>Journal of Structural Geology</i> , 2006, 28, 1371-1374. | 2.3 | 1 |
| 50 | Effects of confinement on matrix flow around a rigid inclusion in viscous simple shear: insights from analogue and numerical modelling. <i>Journal of Structural Geology</i> , 2005, 27, 379-396. | 2.3 | 26 |
| 51 | 2D rotation of rigid inclusions in confined bulk simple shear flow: a numerical study. <i>Journal of Structural Geology</i> , 2005, 27, 2171-2180. | 2.3 | 23 |
| 52 | Influence of a low-viscosity layer between rigid inclusion and viscous matrix on inclusion rotation and matrix flow: A numerical study. <i>Tectonophysics</i> , 2005, 407, 101-115. | 2.2 | 25 |
| 53 | Evaluation of Coastal Defence Strategies in Portugal. , 2005, , 255-265. | | 9 |
| 54 | EVALUATION OF THE LONGSHORE CURRENT FOR A SECTOR OF THE PORTUGUESE WEST COAST: APPLICATION OF DIFFERENT METHODOLOGIES. , 2005, , . | | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | MODELLING SEDIMENT TRANSPORT PROCESSES IN THE NW PORTUGUESE SHELF. , 2005, , . | | 0 |
| 56 | 2-D rotation behavior of a rigid ellipse in confined viscous simple shear: numerical experiments using FEM. Tectonophysics, 2004, 379, 127-137. | 2.2 | 20 |
| 57 | Confidence limits of species proportions in microfossil assemblages. Marine Micropaleontology, 2002, 45, 169-174. | 1.2 | 315 |
| 58 | Study of Harbour Infilling using Sand Tracer Experiments. Journal of Coastal Research, 2002, 36, 283-289. | 0.3 | 3 |
| 59 | Morphological Vulnerability Index: A Simple Way of Determining Beach Behaviour. , 1999, , 3206. | | 1 |
| 60 | Fluorescent sands for measurements of longshore transport rates: a case study from Praia de Faro in southern Portugal. Geo-Marine Letters, 1998, 18, 49-57. | 1.1 | 27 |
| 61 | Field observations of sand-mixing depths on steep beaches. Marine Geology, 1997, 141, 147-156. | 2.1 | 50 |
| 62 | MODELLING LANDSCAPE MORPHODYNAMICS BY TERRESTRIAL PHOTOGRAMMETRY: AN APPLICATION TO BEACH AND FLUVIAL SYSTEMS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 1175-1182. | 0.2 | 2 |
| 63 | Evolution of the hydrodynamics of the Tagus estuary (Portugal) in the 21st century. Journal of Integrated Coastal Zone Management, 0, , 65-80. | 0.1 | 28 |