

# Isabel Iglesias

## List of Publications by Year in descending order

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citations

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#	ARTICLE	IF	CITATIONS
1	Improving Estuarine Hydrodynamic Forecasts Through Numerical Model Ensembles. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
2	Linking Short- to Medium-Term Beach Dune Dynamics to Local Features under Wave and Wind Actions: A Northern Portuguese Case Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4365.	1.3	4
3	Hydrodynamic Model Ensembles for Climate Change Projections in Estuarine Regions. <i>Water (Switzerland)</i> , 2022, 14, 1966.	1.2	8
4	Evaluating wind datasets for wave hindcasting in the NW Iberian Peninsula coast. <i>Journal of Operational Oceanography</i> , 2021, 14, 152-165.	0.6	4
5	Estuarine hydrodynamic patterns and hydrokinetic energy production: The Douro estuary case study. <i>Energy</i> , 2021, 222, 119972.	4.5	17
6	NUMERICAL MODELSâ€™ APPLICATION FOR MORPHODYNAMICS ASSESSMENT OF CLIMATE CHANGE IMPACTS IN THE MINHO RIVER ESTUARY. <i>Environmental Science</i> , 2021, , 1-6.	0.0	0
7	Linking contaminant distribution to hydrodynamic patterns in an urban estuary: The Douro estuary test case. <i>Science of the Total Environment</i> , 2020, 707, 135792.	3.9	22
8	Daily and Latent Lagged Effects of Rainfall on Pedestrianâ€™Vehicle Collisions. <i>Weather, Climate, and Society</i> , 2020, 12, 279-291.	0.5	2
9	Hydro- and Morphodynamic Impacts of Sea Level Rise: The Minho Estuary Case Study. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 441.	1.2	7
10	Extreme Weather Events: Definition, Classification, and Guidelines towards Vulnerability Reduction and Adaptation Management. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 464-476.	0.0	2
11	Modelling the Main Hydrodynamic Patterns in Shallow Water Estuaries: The Minho Case Study. <i>Water (Switzerland)</i> , 2019, 11, 1040.	1.2	20
12	Urban Road Crashes and Weather Conditions: Untangling the Effects. <i>Sustainability</i> , 2019, 11, 3176.	1.6	8
13	Two Models Solutions for the Douro Estuary: Flood Risk Assessment and Breakwater Effects. <i>Estuaries and Coasts</i> , 2019, 42, 348-364.	1.0	23
14	Development of physical modelling tools in support of risk scenarios: A new framework focused on deep-sea mining. <i>Science of the Total Environment</i> , 2019, 650, 2294-2306.	3.9	18
15	Extreme Weather Events: Definition, Classification and Guidelines towards Vulnerability Reduction and Adaptation Management. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2019, , 1-13.	0.0	3
16	The last frontier: Coupling technological developments with scientific challenges to improve hazard assessment of deep-sea mining. <i>Science of the Total Environment</i> , 2018, 627, 1505-1514.	3.9	25
17	SimulaÃ§Ã£o de nÃveis de cheia no estuÃ¡rio do rio Douro, antes e apÃs a construÃ§Ã£o dos molhes. <i>Revista Recursos HÃ¡dricos</i> , 2018, 39, 21-30.	0.1	1
18	Sea level anomaly in the North Atlantic and seas around Europe: Long-term variability and response to North Atlantic teleconnection patterns. <i>Science of the Total Environment</i> , 2017, 609, 861-874.	3.9	10

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19	The Importance of Marine Observatories and of RAIA in Particular. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	19
20	Seasonal Predictability of the East Atlantic Pattern from Sea Surface Temperatures. <i>PLoS ONE</i> , 2014, 9, e86439.	1.1	30
21	Predictability of the spring rainfall in Northwestern Iberian Peninsula from sea surfaces temperature of ENSO areas. <i>Climatic Change</i> , 2011, 107, 329-341.	1.7	22
22	The state of climate in NW Iberia. <i>Climate Research</i> , 2011, 48, 109-144.	0.4	77
23	Relationship between monthly rainfall in northwest Iberian Peninsula and North Atlantic sea surface temperature. <i>International Journal of Climatology</i> , 2010, 30, 980-990.	1.5	12
24	Sensitivity of thermohaline circulation to decadal and multidecadal variability. <i>ICES Journal of Marine Science</i> , 2009, 66, 1439-1447.	1.2	3
25	The Role of Stochastic Forcing on the Behavior of Thermohaline Circulation. <i>Annals of the New York Academy of Sciences</i> , 2008, 1146, 60-86.	1.8	6
26	Numerical Modeling Tools Applied to Estuarine and Coastal Hydrodynamics: A User Perspective. , 0, , .		7
27	The Role of Stochastic Forcing in Climate Models: The Case of Thermohaline Circulation. , 0, , .		0
28	NW Iberia Shelf Dynamics. Study of the Douro River Plume.. <i>Frontiers in Marine Science</i> , 0, 1, .	1.2	0
29	ASSESSING COASTAL MORPHODYNAMICS FOR CLIMATE-CHANGE RELATED RISK ANALYSIS. <i>Frontiers in Marine Science</i> , 0, 5, .	1.2	0
30	ASSESSING HYDRODYNAMICS IN TWO PORTUGUESE ESTUARIES: NUMERICAL MODEL COMPARISONS. <i>Frontiers in Marine Science</i> , 0, 5, .	1.2	0
31	Analysis of estuarine flood levels based on numerical modelling. The Douro river estuary case study. <i>Revista Eletrônica Em Gestão Educaçã E Tecnologia Ambiental</i> , 0, 23, 14.	0.0	0