

Ganix Esnaola

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

368
citations

1163117

8
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term forecasting of the wave energy flux: Analogues, random forests, and physics-based models. <i>Ocean Engineering</i> , 2015, 104, 530-539.	4.3	97
2	Electricity production, capacity factor, and plant efficiency index at the Mutriku wave farm (2014–2016). <i>Ocean Engineering</i> , 2018, 147, 20-29.	4.3	87
3	Reconstruction of sea surface temperature by means of DINEOF: a case study during the fishing season in the Bay of Biscay. <i>International Journal of Remote Sensing</i> , 2011, 32, 933-950.	2.9	27
4	Tidal and wind-induced circulation within the Southeastern limit of the Bay of Biscay: Pasaia Bay, Basque Coast. <i>Continental Shelf Research</i> , 2009, 29, 998-1007.	1.8	26
5	On the impact of long-term wave trends on the geometry optimisation of oscillating water column wave energy converters. <i>Energy</i> , 2020, 206, 118146.	8.8	24
6	Impact of HF radar current gap-filling methodologies on the Lagrangian assessment of coastal dynamics. <i>Ocean Science</i> , 2018, 14, 827-847.	3.4	23
7	Probabilistic relationships between wind and surface water circulation patterns in the SE Bay of Biscay. <i>Ocean Dynamics</i> , 2015, 65, 1289-1303.	2.2	21
8	Wave Energy Forecasting at Three Coastal Buoys in the Bay of Biscay. <i>IEEE Journal of Oceanic Engineering</i> , 2016, 41, 923-929.	3.8	9
9	The power flow and the wave energy flux at an operational wave farm: Findings from Mutriku, Bay of Biscay. <i>Ocean Engineering</i> , 2021, 227, 108654.	4.3	9
10	Daily scale wintertime sea surface temperature and IPC-Navidad variability in the southern Bay of Biscay from 1981 to 2010. <i>Ocean Science</i> , 2013, 9, 655-679.	3.4	8
11	Multi-objective environmental model evaluation by means of multidimensional kernel density estimators: Efficient and multi-core implementations. <i>Environmental Modelling and Software</i> , 2015, 63, 123-136.	4.5	8
12	Abrupt changes, multidecadal variability and long-term trends in sea surface temperature and sea level datasets within the southeastern Bay of Biscay. <i>Journal of Marine Systems</i> , 2013, 109-110, S144-S152.	2.1	7
13	Variability in the air–sea interaction patterns and timescales within the south-eastern Bay of Biscay, as observed by HF radar data. <i>Ocean Science</i> , 2013, 9, 399-410.	3.4	7
14	Coupled air–sea interaction patterns and surface heat flux feedback in the Bay of Biscay. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	5
15	Coastal water circulation response to radiational and gravitational tides within the southeastern Bay of Biscay. <i>Journal of Marine Systems</i> , 2013, 109-110, S95-S104.	2.1	3
16	The Sailor diagram – A new diagram for the verification of two-dimensional vector data from multiple models. <i>Geoscientific Model Development</i> , 2020, 13, 3221-3240.	3.6	3
17	A new Lagrangian-based short-term prediction methodology for high-frequency (HF) radar currents. <i>Ocean Science</i> , 2021, 17, 755-768.	3.4	2
18	Short-term forecasting of zonal and meridional wave energy flux in the Bay of Biscay using random forests. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	TEACHING MSC STUDENTS HOW TO HANDLE SATELLITE IMAGES FOR OCEANIC STUDIES USING R. EDULEARN Proceedings, 2016, , .	0.0	1