

Sonia Ponce de LeÃ³n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3991543/publications.pdf>

Version: 2024-02-01

29
papers

732
citations

623734

14
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of average extreme wave parameters in the North Atlantic from numerical simulations. <i>Ocean Engineering</i> , 2022, 253, 110901.	4.3	3
2	Extreme Waves. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 697.	2.6	0
3	Composite analysis of North Atlantic extra-tropical cyclone waves from satellite altimetry observations. <i>Advances in Space Research</i> , 2021, 68, 762-772.	2.6	22
4	Extreme Waves in the Agulhas Current Region Inferred from SAR Wave Spectra and the SWAN Model. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 153.	2.6	10
5	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	2.6	119
6	Numerical Modelling of the Effects of the Gulf Stream on the Wave Characteristics. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 42.	2.6	8
7	Role of Nonlinear Four-Wave Interactions Source Term on the Spectral Shape. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 251.	2.6	10
8	Highly nonlinear wind waves in Currituck Sound: dense breather turbulence in random ocean waves. <i>Ocean Dynamics</i> , 2019, 69, 187-219.	2.2	22
9	On the Importance of the Exact Nonlinear Interactions in the Spectral Characterization of Rogue Waves. , 2018, , .		3
10	Performance of WAVEWATCH-III and SWAN Models in the North Sea. , 2018, , .		2
11	Comparison of numerical hindcasted severe waves with Doppler radar measurements in the North Sea. <i>Ocean Dynamics</i> , 2017, 67, 103-115.	2.2	11
12	Properties of Rogue Waves and the Shape of the Ocean Wave Power Spectrum. , 2017, , .		6
13	Real world ocean rogue waves explained without the modulational instability. <i>Scientific Reports</i> , 2016, 6, 27715.	3.3	189
14	An assessment of the wind re-analyses in the modelling of an extreme sea state in the Black Sea. <i>Dynamics of Atmospheres and Oceans</i> , 2016, 73, 61-75.	1.8	43
15	Wave energy in the Balearic Sea. Evolution from a 29 year spectral wave hindcast. <i>Renewable Energy</i> , 2016, 85, 1192-1200.	8.9	29
16	Hindcast of the Hércules winter storm in the North Atlantic. <i>Natural Hazards</i> , 2015, 78, 1883-1897.	3.4	15
17	Evolution of the Extreme Wave Region in the North Atlantic Using a 23 Year Hindcast. , 2015, , .		1
18	Hindcast of extreme sea states in North Atlantic extratropical storms. <i>Ocean Dynamics</i> , 2015, 65, 241-254.	2.2	20

#	ARTICLE	IF	CITATIONS
19	Local Analysis of Wave Fields Produced From Hindcasted Rogue Wave Sea States. , 2015, , .		4
20	Extreme wave parameters under North Atlantic extratropical cyclones. Ocean Modelling, 2014, 81, 78-88.	2.4	44
21	Numerical study of the marine breeze around Mallorca Island. Applied Ocean Research, 2013, 40, 26-34.	4.1	20
22	Assessment of wind models around the Balearic Islands for operational wave forecast. Applied Ocean Research, 2012, 34, 1-9.	4.1	23
23	Distribution of winter wave spectral peaks in the seas around Norway. Ocean Engineering, 2012, 50, 63-71.	4.3	3
24	Simulation of irregular waves in an offshore wind farm with a spectral wave model. Continental Shelf Research, 2011, 31, 1541-1557.	1.8	30
25	The sheltering effect of the Balearic Islands in the hindcast wave field. Ocean Engineering, 2010, 37, 603-610.	4.3	13
26	Sensitivity of wave model predictions to wind fields in the Western Mediterranean sea. Coastal Engineering, 2008, 55, 920-929.	4.0	58
27	On the sheltering effect of islands in ocean wave models. Journal of Geophysical Research, 2005, 110, .	3.3	23
28	ON THE ACCURACY OF WAVE MODELS IN A COASTAL ZONE. , 2005, , .		0
29	Wave and current forecasting along the Spanish Catalan coast. Elsevier Oceanography Series, 2003, 69, 379-385.	0.1	1