

Sara Mizar Formentin

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

265
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of extreme and tolerable wave overtopping discharges through an advanced neural network. <i>Ocean Engineering</i> , 2016, 127, 7-22.	4.3	61
2	A neural network for the prediction of wave reflection from coastal and harbor structures. <i>Coastal Engineering</i> , 2013, 80, 49-67.	4.0	38
3	A Neural Network Tool for Predicting Wave Reflection, Overtopping and Transmission. <i>Coastal Engineering Journal</i> , 2017, 59, 1750006-1-1750006-31.	1.9	32
4	Numerical Simulations of the Hydraulic Performance of a Breakwater-Integrated Overtopping Wave Energy Converter. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 38.	2.6	21
5	A Genetic Programming based formula for wave overtopping by crown walls and bullnoses. <i>Coastal Engineering</i> , 2019, 152, 103529.	4.0	16
6	A new method to estimate the overtopping and overflow discharge at over-washed and breached dikes. <i>Coastal Engineering</i> , 2018, 140, 240-256.	4.0	15
7	ADVANCES IN MODELLING WAVE-STRUCTURE INTERACTION THROUGH ARTIFICIAL NEURAL NETWORKS. <i>Coastal Engineering Proceedings</i> , 2015, 1, 69.	0.1	10
8	Innovative Engineering Solutions and Best Practices to Mitigate Coastal Risk. , 2015, , 55-170.		10
9	Semi-automatic detection of the overtopping waves and reconstruction of the overtopping flow characteristics at coastal structures. <i>Coastal Engineering</i> , 2019, 152, 103533.	4.0	10
10	Integrated assessment of the hydraulic and structural performance of the OBREC device in the Gulf of Naples, Italy. <i>Applied Ocean Research</i> , 2020, 101, 102217.	4.1	10
11	Flow Depths and Velocities across a Smooth Dike Crest. <i>Water (Switzerland)</i> , 2019, 11, 2197.	2.7	9
12	Integrated assessment of the hydraulic and structural performance of crown walls on top of smooth berms. <i>Coastal Engineering</i> , 2021, 168, 103951.	4.0	9
13	Key Performance Indicators for the Upgrade of Existing Coastal Defense Structures. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 994.	2.6	5
14	2DV RANS-VOF NUMERICAL MODELING OF A MULTI-FUNCTIONAL HARBOUR STRUCTURE. <i>Coastal Engineering Proceedings</i> , 2017, , 3.	0.1	5
15	Image-clustering analysis of the wave-structure interaction processes under breaking and non-breaking waves. <i>Physics of Fluids</i> , 2021, 33, .	4.0	5
16	Non-Intrusive Measurements of Wave-Induced Flow over Dikes by Means of a Combined Ultrasound Doppler Velocimetry and Videography. <i>Water (Switzerland)</i> , 2020, 12, 3053.	2.7	4
17	A methodological approach for the development and verification of artificial neural networks based on an application to wave-structure interaction processes. <i>Coastal Engineering Journal</i> , 2018, 60, 260-279.	1.9	3
18	OVERTOPPING FLOW CHARACTERISTICS AT EMERGED AND OVER-WASHED DYKES. <i>Coastal Engineering Proceedings</i> , 2015, 1, 7.	0.1	1

#	ARTICLE	IF	CITATIONS
19	A NEW FULLY-AUTOMATIC PROCEDURE FOR THE IDENTIFICATION AND THE COUPLING OF THE OVERTOPPING WAVES. Coastal Engineering Proceedings, 2018, , 36.	0.1	1
20	An Advanced and Improved Artificial Neural Network for the Prediction of Wave Overtopping. , 2017, , .		0
21	The new EurOtop Neural Network tool for an improved prediction of wave overtopping. , 2018, , .		0