

Alessandro Romano

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

554
citations

623734

14
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainties in the physical modelling of the wave overtopping over a rubble mound breakwater: The role of the seeding number and of the test duration. <i>Coastal Engineering</i> , 2015, 103, 15-21.	4.0	69
2	Large impulsive forces on recurved parapets under non-breaking waves. A numerical study. <i>Coastal Engineering</i> , 2018, 136, 1-15.	4.0	51
3	Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation. <i>Landslides</i> , 2016, 13, 1379-1393.	5.4	44
4	Experimental investigation on non-breaking wave forces and overtopping at the recurved parapets of vertical breakwaters. <i>Coastal Engineering</i> , 2018, 141, 52-67.	4.0	43
5	Boosting Blue Growth in a Mild Sea: Analysis of the Synergies Produced by a Multi-Purpose Offshore Installation in the Northern Adriatic, Italy. <i>Sustainability</i> , 2015, 7, 6804-6853.	3.2	39
6	Tsunami Early Warning System based on Real-time Measurements of Hydro-acoustic Waves. <i>Procedia Engineering</i> , 2014, 70, 311-320.	1.2	36
7	Tsunamis Generated by Submerged Landslides: Numerical Analysis of the Near-Field Wave Characteristics. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016157.	2.6	33
8	Impacts on a storm wall caused by non-breaking waves overtopping a smooth dike slope. <i>Coastal Engineering</i> , 2017, 120, 93-111.	4.0	27
9	Wavenumber-frequency analysis of the landslide-generated tsunamis at a conical island. <i>Coastal Engineering</i> , 2013, 81, 32-43.	4.0	25
10	Experimental Analysis of Wave Overtopping: A New Small Scale Laboratory Dataset for the Assessment of Uncertainty for Smooth Sloped and Vertical Coastal Structures. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 217.	2.6	22
11	Landslide Tsunami: Physical Modeling for the Implementation of Tsunami Early Warning Systems in the Mediterranean Sea. <i>Procedia Engineering</i> , 2014, 70, 429-438.	1.2	20
12	Time clustering of wave storms in the Mediterranean Sea. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 505-514.	3.6	19
13	Numerical and laboratory analysis of post-overtopping wave impacts on a storm wall for a dike-promenade structure. <i>Coastal Engineering</i> , 2020, 155, 103598.	4.0	19
14	Real-time inversion of tsunamis generated by landslides. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 2511-2520.	3.6	16
15	Wavenumber-frequency analysis of landslide-generated tsunamis at a conical island. Part II: EOF and modal analysis. <i>Coastal Engineering</i> , 2017, 128, 84-91.	4.0	13
16	An analytical model for preliminary assessment of dredging-induced sediment plume of far-field evolution for spatial non homogeneous and time varying resuspension sources. <i>Coastal Engineering</i> , 2017, 127, 106-118.	4.0	12
17	Confined-crest impact: Forces dimensional analysis and extension of the Goda's formulae to recurved parapets. <i>Coastal Engineering</i> , 2021, 163, 103814.	4.0	12
18	Dynamics of the Coastal Zone. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 451.	2.6	7

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19	3D PHYSICAL MODELING OF TSUNAMIS GENERATED BY SUBMERGED LANDSLIDES AT A CONICAL ISLAND: THE ROLE OF INITIAL ACCELERATION. Coastal Engineering Proceedings, 2017, , 14.	0.1	7
20	Laboratory generation of solitary waves: An inversion technique to improve available methods. China Ocean Engineering, 2014, 28, 57-66.	1.6	6
21	WAVE LOADING FOR RECURVED PARAPET WALLS IN NON-BREAKING WAVE CONDITIONS: ANALYSIS OF THE INDUCED IMPULSIVE FORCES. Coastal Engineering Proceedings, 2018, , 34.	0.1	6
22	Design of a multi-use marine area off-shore the Mediterranean Sea. Ocean Engineering, 2021, 221, 108515.	4.3	6
23	Physical and Numerical Modeling of Landslide-Generated Tsunamis: A Review. , 0, , .		5
24	Estimation of Wave Characteristics Based on Global Navigation Satellite System Data Installed on Board Sailboats. Sensors, 2019, 19, 2295.	3.8	4
25	Wave characteristics estimation by GPS receivers installed on a sailboat travelling off-shore. , 2018, , .		3
26	Hydroacoustic Waves Measured during the 2012 Negros-Cebu Earthquake. Journal of Waterway, Port, Coastal and Ocean Engineering, 2018, 144, .	1.2	3
27	Met-Ocean and Heeling Analysis During the Violent 21/22 October 2014 Storm Faced by the Sailboat ECO40 in the Gulf of Lion: Comparison Between Measured and Numerical Wind Data. Communications in Computer and Information Science, 2016, , 86-105.	0.5	2
28	Analysis of the 21/22 October 2014 Storm Experienced by the Sailboat ECO40 in the Gulf of Lion. , 2015, , .		2
29	Force Measurements on Storm Walls Due to Overtopping Waves: A Middle-Scale Model Experiment. , 2017, , .		1
30	3D Numerical Simulation of Hydro-Acoustic Waves Registered during the 2012 Negros-Cebu Earthquake. Geosciences (Switzerland), 2019, 9, 300.	2.2	1
31	ABOUT SOME UNCERTAINTIES IN THE PHYSICAL AND NUMERICAL MODELING OF WAVE OVERTOPPING OVER COASTAL STRUCTURES. Coastal Engineering Proceedings, 2015, 1, 71.	0.1	1
32	Wave Overtopping Prediction for Sloping Coastal Structures with Overspill Basins at the Crest. , 2017, , .		0
33	Construction Aspects of the Civil Works for the Storm Surge Barrier at Chioggia Inlet " Venice. , 2018, , .		0
34	PERFORMANCE EVALUATION OF A POINT ABSORBER WAVE ENERGY CONVERTER. , 2013, , .		0
35	Design of a new fishery harbour in Masirah Island, Oman. , 2018, , .		0