

Alessandro Romano

List of Publications by Year in descending order

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papers

554
citations

623734

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642732

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all docs

35
docs citations

35
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Confined-crest impact: Forces dimensional analysis and extension of the Goda's formulae to recurved parapets. Coastal Engineering, 2021, 163, 103814.	4.0	12
2	Design of a multi-use marine area off-shore the Mediterranean Sea. Ocean Engineering, 2021, 221, 108515.	4.3	6
3	Numerical and laboratory analysis of post-overtopping wave impacts on a storm wall for a dike-promenade structure. Coastal Engineering, 2020, 155, 103598.	4.0	19
4	Tsunamis Generated by Submerged Landslides: Numerical Analysis of the Near-Field Wave Characteristics. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016157.	2.6	33
5	3D Numerical Simulation of Hydro-Acoustic Waves Registered during the 2012 Negros-Cebu Earthquake. Geosciences (Switzerland), 2019, 9, 300.	2.2	1
6	Experimental Analysis of Wave Overtopping: A New Small Scale Laboratory Dataset for the Assessment of Uncertainty for Smooth Sloped and Vertical Coastal Structures. Journal of Marine Science and Engineering, 2019, 7, 217.	2.6	22
7	Estimation of Wave Characteristics Based on Global Navigation Satellite System Data Installed on Board Sailboats. Sensors, 2019, 19, 2295.	3.8	4
8	Dynamics of the Coastal Zone. Journal of Marine Science and Engineering, 2019, 7, 451.	2.6	7
9	Large impulsive forces on recurved parapets under non-breaking waves. A numerical study. Coastal Engineering, 2018, 136, 1-15.	4.0	51
10	Wave characteristics estimation by GPS receivers installed on a sailboat travelling off-shore. , 2018, , .		3
11	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
12	Construction Aspects of the Civil Works for the Storm Surge Barrier at Chioggia Inlet " Venice. , 2018, , .		0
13	Experimental investigation on non-breaking wave forces and overtopping at the recurved parapets of vertical breakwaters. Coastal Engineering, 2018, 141, 52-67.	4.0	43
14	Hydroacoustic Waves Measured during the 2012 Negros-Cebu Earthquake. Journal of Waterway, Port, Coastal and Ocean Engineering, 2018, 144, .	1.2	3
15	Design of a new fishery harbour in Masirah Island, Oman. , 2018, , .		0
16	Impacts on a storm wall caused by non-breaking waves overtopping a smooth dike slope. Coastal Engineering, 2017, 120, 93-111.	4.0	27
17	Force Measurements on Storm Walls Due to Overtopping Waves: A Middle-Scale Model Experiment. , 2017, , .		1
18	Wavenumber-frequency analysis of landslide-generated tsunamis at a conical island. Part II: EOF and modal analysis. Coastal Engineering, 2017, 128, 84-91.	4.0	13

#	ARTICLE	IF	CITATIONS
19	An analytical model for preliminary assessment of dredging-induced sediment plume of far-field evolution for spatial non homogeneous and time varying resuspension sources. Coastal Engineering, 2017, 127, 106-118.	4.0	12
20	Wave Overtopping Prediction for Sloping Coastal Structures with Overspill Basins at the Crest. , 2017, , .		0
21	Time clustering of wave storms in the Mediterranean Sea. Natural Hazards and Earth System Sciences, 2017, 17, 505-514.	3.6	19
22	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
23	Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation. Landslides, 2016, 13, 1379-1393.	5.4	44
24	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
25	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. Coastal Engineering, 2015, 103, 15-21.	4.0	69
26	Boosting Blue Growth in a Mild Sea: Analysis of the Synergies Produced by a Multi-Purpose Offshore Installation in the Northern Adriatic, Italy. Sustainability, 2015, 7, 6804-6853.	3.2	39
27	ABOUT SOME UNCERTAINTIES IN THE PHYSICAL AND NUMERICAL MODELING OF WAVE OVERTOPPING OVER COASTAL STRUCTURES. Coastal Engineering Proceedings, 2015, 1, 71.	0.1	1
28	Analysis of the 21/22 October 2014 Storm Experienced by the Sailboat ECO40 in the Gulf of Lion. , 2015, , .		2
29	Laboratory generation of solitary waves: An inversion technique to improve available methods. China Ocean Engineering, 2014, 28, 57-66.	1.6	6
30	Landslide Tsunami: Physical Modeling for the Implementation of Tsunami Early Warning Systems in the Mediterranean Sea. Procedia Engineering, 2014, 70, 429-438.	1.2	20
31	Tsunami Early Warning System based on Real-time Measurements of Hydro-acoustic Waves. Procedia Engineering, 2014, 70, 311-320.	1.2	36
32	Wavenumberâ€“frequency analysis of the landslide-generated tsunamis at a conical island. Coastal Engineering, 2013, 81, 32-43.	4.0	25
33	PERFORMANCE EVALUATION OF A POINT ABSORBER WAVE ENERGY CONVERTER. , 2013, , .		0
34	Real-time inversion of tsunamis generated by landslides. Natural Hazards and Earth System Sciences, 2011, 11, 2511-2520.	3.6	16
35	Physical and Numerical Modeling of Landslide-Generated Tsunamis: A Review. , 0, , .		5