

Felice D'Alessandro

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

664
citations

567281

15
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical guidelines for multivariate analysis and design in coastal and off-shore engineering. Coastal Engineering, 2014, 88, 1-14.	4.0	97
2	Practical guidelines for the multivariate assessment of the structural risk in coastal and off-shore engineering. Coastal Engineering, 2015, 95, 77-83.	4.0	73
3	Application of a Coastal Vulnerability Index. A Case Study along the Apulian Coastline, Italy. Water (Switzerland), 2018, 10, 1218.	2.7	66
4	Experimental modelling of the dynamic behaviour of a spar buoy wind turbine. Renewable Energy, 2018, 127, 412-432.	8.9	44
5	General longshore transport model. Coastal Engineering, 2013, 71, 28-36.	4.0	39
6	Longshore transport at shingle beaches: An independent verification of the general model. Coastal Engineering, 2015, 104, 69-75.	4.0	30
7	Multivariate approach to design coastal and off-shore structures. Journal of Coastal Research, 2013, 65, 386-391.	0.3	26
8	Composite modelling for large-scale experiments on wave-dune interaction. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 15-19.	1.7	25
9	The BCI criterion for the initiation of breaking process in Boussinesq-type equations wave models. Coastal Engineering, 2008, 55, 1174-1184.	4.0	24
10	Large-scale experiments on dune erosion processes. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 20-30.	1.7	22
11	Three-dimensional analysis of local scouring induced by a rotating ship propeller. Ocean Engineering, 2019, 188, 106294.	4.3	22
12	Prediction of Shoreline Evolution. Reliability of a General Model for the Mixed Beach Case. Journal of Marine Science and Engineering, 2020, 8, 361.	2.6	22
13	Wave-dune interaction and beach resilience in large-scale physical model tests. Coastal Engineering, 2016, 116, 15-25.	4.0	21
14	River bank protection from ship-induced waves and river flow. Water Science and Engineering, 2019, 12, 129-135.	3.2	17
15	Nearshore placement of a sand dredged mound. Coastal Engineering, 2017, 126, 1-10.	4.0	16
16	Coastal sand dune restoration with an eco-friendly technique. Aquatic Ecosystem Health and Management, 2020, , 1-8.	0.6	16
17	Wave energy transmission through and over low crested breakwaters. Journal of Coastal Research, 2013, 65, 398-403.	0.3	14
18	A direct scaling analysis for the sea level rise. Stochastic Environmental Research and Risk Assessment, 2018, 32, 3397-3408.	4.0	14

#	ARTICLE	IF	CITATIONS
19	A multi-layer capping of a coastal area contaminated with materials dangerous to health. <i>Chemistry and Ecology</i> , 2010, 26, 155-168.	1.6	10
20	Dynamic Modelling of a Spar Buoy Wind Turbine. , 2017, , .		9
21	Wave Climate at Shallow Waters along the Abu Dhabi Coast. <i>Water (Switzerland)</i> , 2018, 10, 985.	2.7	9
22	Simple Wave Breaking Depth Index Formula for Regular Waves. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2020, 146, .	1.2	9
23	Use of Nanosilica for Increasing Dune Erosion Resistance during a Sea Storm. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 620.	2.6	9
24	DUNE EROSION PHYSICAL, ANALYTICAL AND NUMERICAL MODELLING. <i>Coastal Engineering Proceedings</i> , 2012, 1, 32.	0.1	8
25	DESIGN OF A 3D PHYSICAL AND NUMERICAL EXPERIMENT ON FLOATING OFF-SHORE WIND TURBINES. <i>Coastal Engineering Proceedings</i> , 2012, , 67.	0.1	8
26	Multivariate sea storm hindcasting and design: the isotropic buoy-ungauged generator procedure. <i>Scientific Reports</i> , 2020, 10, 20517.	3.3	7
27	Beachâ€Dune System Morphodynamics. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 627.	2.6	4
28	GENERAL MODEL FOR ESTIMATION OF LONGSHORE TRANSPORT AT SHINGLE/MIXED BEACHES. <i>Coastal Engineering Proceedings</i> , 2017, , 26.	0.1	2
29	Analysis of the sea storm of 23rd-24thOctober 2017 offshore Bari (Italy). <i>Aquatic Ecosystem Health and Management</i> , 2020, , 1-7.	0.6	1
30	MORPHODYNAMIC MODEL TO SIMULATE SHORELINE EVOLUTION AT ANY COASTAL MOUND. <i>Coastal Engineering Proceedings</i> , 2018, , 78.	0.1	0
31	Discussion of â€œRevisiting Longshore Sediment Transport Formulasâ€•by Saeed Shaeri, Amir Etemad-Shahidi, and Rodger Tomlinson. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2021, 147, .	1.2	0
32	INITIATION OF THE BREAKING PROCESS IN BOUSSINESQ-TYPE WAVE MODELS. , 2007, , .		0
33	A VERIFICATION OF STATIC-EQUILIBRIUM PARABOLIC FORMULATION AT THE PROTECTED SHORELINE OF PIZZO CALABRO (ITALY). , 2009, , .		0
34	APPLICATION OF A SEMI-EMPIRICAL LONGSHORE TRANSPORT FORMULATION. <i>Coastal Engineering Proceedings</i> , 2012, , 22.	0.1	0
35	MODELLING OF A NEARSHORE PLACED SAND MOUND. <i>Coastal Engineering Proceedings</i> , 2012, , 35.	0.1	0
36	FURTHER DEVELOPMENTS IN A NEW FORMULATION OF WAVE TRANSMISSION. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	SAMPLING BIAS IN THE ESTIMATION OF SIGNIFICANT WAVE HEIGHT EXTREME VALUES. Coastal Engineering Proceedings, 2017, , 33.	0.1	0
38	NUMERICAL MODELLING OF BREAKER DEPTH INDEX. Coastal Engineering Proceedings, 2017, , 29.	0.1	0