Leonardo Damiani

List of Publications by Year
in descending order

33 papers	517 citations	566801 15 h-index	676716 22 g-index
33 all docs	33 docs citations	33 times ranked	543 citing authors

#	Article	IF	Citations
1	An Interactive WebGIS Framework for Coastal Erosion Risk Management. Journal of Marine Science and Engineering, 2021, 9, 567.	1.2	10
2	Remote Sensing-Based Automatic Detection of Shoreline Position: A Case Study in Apulia Region. Journal of Marine Science and Engineering, 2021, 9, 575.	1.2	13
3	Understanding the Cognitive Components of Coastal Risk Assessment. Journal of Marine Science and Engineering, 2021, 9, 780.	1.2	11
4	Data fusion of terrestrial laser scanner and remotely piloted aircraft systems points clouds for monitoring the coastal protection systems. Aquatic Ecosystem Health and Management, 2020, 23, 389-397.	0.3	7
5	The DPSIR Approach for Coastal Risk Assessment under Climate Change at Regional Scale: The Case of Apulian Coast (Italy). Journal of Marine Science and Engineering, 2020, 8, 531.	1.2	41
6	Multivariate analyses for investigating highly polluted marine ecosystem: The case study of Mar Piccolo (Taranto, South Italy). Aquatic Ecosystem Health and Management, 2020, 23, 436-444.	0.3	3
7	Exploiting remote imagery in an embayed sandy beach for the validation of a runup model framework. Estuarine, Coastal and Shelf Science, 2019, 225, 106244.	0.9	17
8	Data on long-term monitoring programs to assess environmental pressures on coastal area. Data in Brief, 2019, 24, 103860.	0.5	1
9	A simplified hindcast method for the estimation of extreme storm surge events in semi-enclosed basins. Applied Ocean Research, 2019, 85, 45-52.	1.8	28
10	Long-term monitoring programs to assess environmental pressures on coastal area: Weighted indexes and statistical elaboration as handy tools for decision-makers. Ecological Indicators, 2019, 101, 838-850.	2.6	11
11	Influence of hydrodynamic features in the transport and fate of hazard contaminants within touristic ports. Case study: Torre a Mare (Italy). Heliyon, 2018, 4, e00494.	1.4	25
12	Automatic Extraction of Shoreline from Satellite Images: a new approach. , 2018, , .		4
13	Laboratory Investigation on the Evolution of a Sandy Beach Nourishment Protected by a Mixed Softâ€"Hard System. Water (Switzerland), 2018, 10, 1171.	1.2	20
14	BEACH PROFILE EVOLUTION IN FRONT OF STORM SEAWALLS: A PHYSICAL AND NUMERICAL STUDY. Coastal Engineering Proceedings, 2018, , 70.	0.1	10
15	New algorithms for shoreline monitoring from coastal video systems. Earth Science Informatics, 2017, 10, 495-506.	1.6	37
16	A new video monitoring system in support of Coastal Zone Management at Apulia Region, Italy. Ocean and Coastal Management, 2017, 142, 122-135.	2.0	26
17	Combining chemometric tools for assessing hazard sources and factors acting simultaneously in contaminated areas. Case study: â€œMar Piccoloâ€•Taranto (South Italy). Chemosphere, 2017, 184, 784-794.	4.2	25
18	Assessment and source identification of pollution risk for touristic ports: Heavy metals and polycyclic aromatic hydrocarbons in sediments of 4 marinas of the Apulia region (Italy). Marine Pollution Bulletin, 2017, 114, 768-777.	2.3	44

#	Article	IF	Citations
19	Enhancing the performance of hazard indexes in assessing hot spots of harbour areas by considering hydrodynamic parameters. Ecological Indicators, 2017, 73, 38-45.	2.6	19
20	NUMERICAL STUDY OF WATER QUALITY IMPROVEMENT IN A PORT THROUGH A FORCED MIXING SYSTEM. WIT Transactions on Ecology and the Environment, 2017, , .	0.0	12
21	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
22	NEW COASTAL VIDEO-MONITORING SYSTEM ACHIEVEMENT AND DEVELOPMENT. Coastal Engineering Proceedings, 2017, , 11.	0.1	10
23	SAMPLING BIAS IN THE ESTIMATION OF SIGNIFICANT WAVE HEIGHT EXTREME VALUES. Coastal Engineering Proceedings, 2017, , 33.	0.1	0
24	Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation. Landslides, 2016, 13, 1379-1393.	2.7	44
25	Identification of hot spots within harbour sediments through a new cumulative hazard index. Case study: Port of Bari, Italy. Ecological Indicators, 2016, 60, 548-556.	2.6	22
26	Are conventional statistical techniques exhaustive for defining metal background concentrations in harbour sediments? A case study: The Coastal Area of Bari (Southeast Italy). Chemosphere, 2015, 138, 708-717.	4.2	26
27	Numerical analysis of infiltration in a drained beach. International Journal of Sustainable Development and Planning, 2015, 10, 467-486.	0.3	9
28	Groundwater flow on a drained beach. WIT Transactions on Modelling and Simulation, 2013, , .	0.0	0
29	Full-scale experiments on a beach drainage system: hydrodynamic effects inside beach. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 44-54.	0.7	17
30	NEAR SHORE MORPHODYNAMIC OF DRAINED BEACHES. Coastal Engineering Proceedings, 2011, , 8.	0.1	2
31	Wave Spectra Transformations. , 1991, , 1102.		0
32	A comparison of velocity measurements using a laser anemometer and a hot-film probe, with application to grid-stirring entrainment experiments. Physics of Fluids, 1987, 30, 3290.	1.4	15
33	Turbulence measurements in a grid mixing tank. Meccanica, 1986, 21, 87-93.	1.2	1