

Leonardo Damiani

List of Publications by Year in descending order

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Version: 2024-02-01

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	Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation. <i>Landslides</i> , 2016, 13, 1379-1393.	2.7	44
2	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). <i>Marine Pollution Bulletin</i> , 2017, 114, 768-777.	2.3	44
3	The DPSIR Approach for Coastal Risk Assessment under Climate Change at Regional Scale: The Case of Apulian Coast (Italy). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 531.	1.2	41
4	New algorithms for shoreline monitoring from coastal video systems. <i>Earth Science Informatics</i> , 2017, 10, 495-506.	1.6	37
5	A simplified hindcast method for the estimation of extreme storm surge events in semi-enclosed basins. <i>Applied Ocean Research</i> , 2019, 85, 45-52.	1.8	28
6	Are conventional statistical techniques exhaustive for defining metal background concentrations in harbour sediments? A case study: The Coastal Area of Bari (Southeast Italy). <i>Chemosphere</i> , 2015, 138, 708-717.	4.2	26
7	A new video monitoring system in support of Coastal Zone Management at Apulia Region, Italy. <i>Ocean and Coastal Management</i> , 2017, 142, 122-135.	2.0	26
8	Combining chemometric tools for assessing hazard sources and factors acting simultaneously in contaminated areas. Case study: "Mar Piccolo" Taranto (South Italy). <i>Chemosphere</i> , 2017, 184, 784-794.	4.2	25
9	Influence of hydrodynamic features in the transport and fate of hazard contaminants within touristic ports. Case study: Torre a Mare (Italy). <i>Heliyon</i> , 2018, 4, e00494.	1.4	25
10	Identification of hot spots within harbour sediments through a new cumulative hazard index. Case study: Port of Bari, Italy. <i>Ecological Indicators</i> , 2016, 60, 548-556.	2.6	22
11	Laboratory Investigation on the Evolution of a Sandy Beach Nourishment Protected by a Mixed Soft-Hard System. <i>Water (Switzerland)</i> , 2018, 10, 1171.	1.2	20
12	Enhancing the performance of hazard indexes in assessing hot spots of harbour areas by considering hydrodynamic parameters. <i>Ecological Indicators</i> , 2017, 73, 38-45.	2.6	19
13	Full-scale experiments on a beach drainage system: hydrodynamic effects inside beach. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 44-54.	0.7	17
14	Exploiting remote imagery in an embayed sandy beach for the validation of a runup model framework. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 225, 106244.	0.9	17
15	A comparison of velocity measurements using a laser anemometer and a hot-film probe, with application to grid-stirring entrainment experiments. <i>Physics of Fluids</i> , 1987, 30, 3290.	1.4	15
16	Remote Sensing-Based Automatic Detection of Shoreline Position: A Case Study in Apulia Region. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 575.	1.2	13
17	NUMERICAL STUDY OF WATER QUALITY IMPROVEMENT IN A PORT THROUGH A FORCED MIXING SYSTEM. <i>WIT Transactions on Ecology and the Environment</i> , 2017, , .	0.0	12
18	Long-term monitoring programs to assess environmental pressures on coastal area: Weighted indexes and statistical elaboration as handy tools for decision-makers. <i>Ecological Indicators</i> , 2019, 101, 838-850.	2.6	11

#	ARTICLE	IF	CITATIONS
19	Understanding the Cognitive Components of Coastal Risk Assessment. Journal of Marine Science and Engineering, 2021, 9, 780.	1.2	11
20	An Interactive WebGIS Framework for Coastal Erosion Risk Management. Journal of Marine Science and Engineering, 2021, 9, 567.	1.2	10
21	NEW COASTAL VIDEO-MONITORING SYSTEM ACHIEVEMENT AND DEVELOPMENT. Coastal Engineering Proceedings, 2017, , 11.	0.1	10
22	BEACH PROFILE EVOLUTION IN FRONT OF STORM SEAWALLS: A PHYSICAL AND NUMERICAL STUDY. Coastal Engineering Proceedings, 2018, , 70.	0.1	10
23	Numerical analysis of infiltration in a drained beach. International Journal of Sustainable Development and Planning, 2015, 10, 467-486.	0.3	9
24	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
25	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
26	Automatic Extraction of Shoreline from Satellite Images: a new approach. , 2018, , .		4
27	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
28	NEAR SHORE MORPHODYNAMIC OF DRAINED BEACHES. Coastal Engineering Proceedings, 2011, , 8.	0.1	2
29	Turbulence measurements in a grid mixing tank. Meccanica, 1986, 21, 87-93.	1.2	1
30	Data on long-term monitoring programs to assess environmental pressures on coastal area. Data in Brief, 2019, 24, 103860.	0.5	1
31	Wave Spectra Transformations. , 1991, , 1102.		0
32	Groundwater flow on a drained beach. WIT Transactions on Modelling and Simulation, 2013, , .	0.0	0
33	SAMPLING BIAS IN THE ESTIMATION OF SIGNIFICANT WAVE HEIGHT EXTREME VALUES. Coastal Engineering Proceedings, 2017, , 33.	0.1	0