Leonardo Damiani

List of Publications by Citations

30 papers	334 citations	13 h-index	17 g-index
33 ext. papers	412 ext. citations	3 avg, IF	3.72 L-index

#	Paper	IF	Citations
30	New algorithms for shoreline monitoring from coastal video systems. *Earth Science Informatics*, **2017**, 10, 495-506	2.5	30
29	Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation. *Landslides*, **2016**, 13, 1379-1393	6.6	30
28	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	6.7	29
27	A new video monitoring system in support of Coastal Zone Management at Apulia Region, Italy. *Ocean and Coastal Management*, **2017**, 142, 122-135	3.9	20
26	A simplified hindcast method for the estimation of extreme storm surge events in semi-enclosed basins. *Applied Ocean Research*, **2019**, 85, 45-52	3.4	20
25	Combining chemometric tools for assessing hazard sources and factors acting simultaneously in contaminated areas. Case study: "Mar Piccolo" Taranto (South Italy). *Chemosphere*, **2017**, 184, 784-794	8.4	19
24	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, 708-17	8.4	19
23	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	5.8	18
22	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	2.4	17
21	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	3.6	16
20	Enhancing the performance of hazard indexes in assessing hot spots of harbour areas by considering hydrodynamic parameters. *Ecological Indicators*, **2017**, 73, 38-45	5.8	15
19	Exploiting remote imagery in an embayed sandy beach for the validation of a runup model framework. *Estuarine, Coastal and Shelf Science*, **2019**, 225, 106244	2.9	13
18	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		13
17	Laboratory Investigation on the Evolution of a Sandy Beach Nourishment Protected by a Mixed Soft–Hard System. *Water (Switzerland)*, **2018**, 10, 1171	3	12
16	Full-scale experiments on a beach drainage system: hydrodynamic effects inside beach. *Journal of Hydraulic Research/De Recherches Hydrauliques*, **2011**, 49, 44-54	1.9	11
15	NEW COASTAL VIDEO-MONITORING SYSTEM ACHIEVEMENT AND DEVELOPMENT. *Coastal Engineering Proceedings*, **2017**, 11	1.4	10
14	BEACH PROFILE EVOLUTION IN FRONT OF STORM SEAWALLS: A PHYSICAL AND NUMERICAL STUDY. *Coastal Engineering Proceedings*, **2018**, 70	1.4	9

List of Publications

13	NUMERICAL STUDY OF WATER QUALITY IMPROVEMENT IN A PORT THROUGH A FORCED MIXING SYSTEM **2017**,		7
12	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	5.8	7
11	Numerical analysis of infiltration in a drained beach. *International Journal of Sustainable Development and Planning*, **2015**, 10, 467-486	2	6
10	3D PHYSICAL MODELING OF TSUNAMIS GENERATED BY SUBMERGED LANDSLIDES AT A CONICAL ISLAND: THE ROLE OF INITIAL ACCELERATION. *Coastal Engineering Proceedings*, **2017**, 14	1.4	4
9	An Interactive WebGIS Framework for Coastal Erosion Risk Management. *Journal of Marine Science and Engineering*, **2021**, 9, 567	2.4	4
8	Turbulence measurements in a grid mixing tank. *Meccanica*, **1986**, 21, 87-93	2.1	1
7	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**, 1-7	1.4	1
6	Remote Sensing-Based Automatic Detection of Shoreline Position: A Case Study in Apulia Region. *Journal of Marine Science and Engineering*, **2021**, 9, 575	2.4	1
5	**2018**,		1
4	Multivariate analyses for investigating highly polluted marine ecosystem: The case study of Mar Piccolo (Taranto, South Italy). *Aquatic Ecosystem Health and Management*, **2020**, 1-8	1.4	0
3	Understanding the Cognitive Components of Coastal Risk Assessment. *Journal of Marine Science and Engineering*, **2021**, 9, 780	2.4	0
2	Data on long-term monitoring programs to assess environmental pressures on coastal area. *Data in Brief*, **2019**, 24, 103860	1.2	
1	Wave Spectra Transformations **1991**, 1102		