Duccio Bertoni

List of Publications by Year
in descending order

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39	604	567281 15	642732 23
papers	citations	h-index	g-index

43	43	43	510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrating Different Databases to Offer a Geological Perspective of Coastal Management: A Review Case from the Northern Tuscany Littoral Cell (Italy). Journal of Marine Science and Engineering, 2022, 10, 353.	2.6	1
2	Northern Adriatic environmental changes since 500 AD reconstructed at Aquileia (Italy). Quaternary Science Reviews, 2022, 287, 107565.	3.0	4
3	Anthropogenic Impact on Beach Heterogeneity within a Littoral Cell (Northern Tuscany, Italy). Journal of Marine Science and Engineering, 2021, 9, 151.	2.6	5
4	LoRaWAN Underground to Aboveground Data Transmission Performances for Different Soil Compositions. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	23
5	Ground-Penetrating Radar Prospections to Image the Inner Structure of Coastal Dunes at Sites Characterized by Erosion and Accretion (Northern Tuscany, Italy). Applied Sciences (Switzerland), 2021, 11, 11260.	2.5	4
6	A geometrical approach for the measurement of the volume of masses of granular material through grid-layout sensor networks. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107102.	5.0	5
7	Multi-month sedimentological characterization of the backshore of an artificial coarse-clastic beach in Italy. Rendiconti Lincei, 2020, 31, 65-77.	2.2	5
8	A Low-Cost Unmanned Surface Vehicle for Pervasive Water Quality Monitoring. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1433-1444.	4.7	55
9	Assessment of the Anthropogenic Sediment Budget of a Littoral Cell System (Northern Tuscany, Italy). Water (Switzerland), 2020, 12, 3240.	2.7	12
10	Litho-sedimentological and morphodynamic characterization of the Pisa Province coastal area (northern Tuscany, Italy). Journal of Maps, 2020, 16, 108-116.	2.0	6
11	An Integrated System for Real-Time Water Monitoring Based on Low Cost Unmanned Surface Vehicles. , 2019, , .		3
12	Implementing a coastal dune vulnerability index (CDVI) to support coastal management in different settings (Brazil and Italy). Ocean and Coastal Management, 2019, 180, 104916.	4.4	15
13	Influence of particle shape on pebble transport in a mixed sand and gravel beach during low energy conditions: Implications for nourishment projects. Ocean and Coastal Management, 2019, 169, 171-181.	4.4	19
14	Morpho-sedimentological and vegetational characterization of Grande beach at SÃ£o Francisco do Sul Island (Santa Catarina, Brazil). Journal of Maps, 2018, 14, 105-113.	2.0	5
15	Universal characteristics of particle shape evolution by bed-load chipping. Science Advances, 2018, 4, eaao4946.	10.3	32
16	Augmented Virtuality for Coastal Management: A Holistic Use of In Situ and Remote Sensing for Large Scale Definition of Coastal Dynamics. ISPRS International Journal of Geo-Information, 2018, 7, 92.	2.9	14
17	A Wireless Sensor Network Framework for Real-Time Monitoring of Height and Volume Variations on Sandy Beaches and Dunes. ISPRS International Journal of Geo-Information, 2018, 7, 141.	2.9	9
18	A Wireless Sensor Network for the Real-Time Remote Measurement of Aeolian Sand Transport on Sandy Beaches and Dunes. Sensors, 2018, 18, 820.	3.8	21

#	Article	IF	Citations
19	Short- and medium-term response to storms on three Mediterranean coarse-grained beaches. Geomorphology, 2017, 295, 738-748.	2.6	22
20	Vulnerability Assessment of a Coastal Dune System at SÃ£o Francisco do Sul Island, Santa Catarina, Brazil. IOP Conference Series: Earth and Environmental Science, 2016, 44, 052028.	0.3	1
21	Impressive abrasion rates of marked pebbles on a coarse-clastic beach within a 13-month timespan. Marine Geology, 2016, 381, 175-180.	2.1	25
22	Heterogeneous Wireless Sensor Network for Real Time Remote Monitoring of Sand Dynamics on Coastal Dunes. IOP Conference Series: Earth and Environmental Science, 2016, 44, 042030.	0.3	5
23	Short term displacements of marked pebbles in the swash zone: Focus on particle shape and size. Marine Geology, 2015, 367, 143-158.	2.1	27
24	A wireless waterproof RFID reader for marine sediment localization and tracking. , 2014, , .		2
25	Mediterranean coastal dune systems: Which abiotic factors have the most influence on plant communities?. Estuarine, Coastal and Shelf Science, 2014, 149, 213-222.	2.1	74
26	The role of sediment grain-size, mineralogy, and beach morphology on plant communities of two Mediterranean coastal dune systems. Italian Journal of Geosciences, 2014, 133, 271-281.	0.8	15
27	On the displacement of marked pebbles on two coarse-clastic beaches during short fair-weather periods (Marina di Pisa and Portonovo, Italy). Geo-Marine Letters, 2013, 33, 463-476.	1.1	25
28	Magdala harbour sedimentation (Sea of Galilee, Israel), from natural to anthropogenic control. Quaternary International, 2013, 303, 120-131.	1.5	18
29	In situ abrasion of marked pebbles on two coarse-clastic beaches (Marina di Pisa, Italy). Italian Journal of Geosciences, 2012, , 205-214.	0.8	7
30	An Analysis of the Performances of Low Frequency Cylinder Glass Tags for the Underwater Tracking of Pebbles on a Natural Beach. , 2012, , .		6
31	An RFID-Based Toolbox for the Study of Under- and Outside-Water Movement of Pebbles on Coarse-Grained Beaches. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1474-1482.	4.9	22
32	Transport trajectories of â€œsmartâ€•pebbles on an artificial coarse-grained beach at Marina di Pisa (Italy): Implications for beach morphodynamics. Marine Geology, 2012, 291-294, 227-235.	2.1	23
33	An analysis on the use of LF RFID for the tracking of different typologies of pebbles on beaches. , 2011, , .		13
34	On the profile evolution of three artificial pebble beaches at Marina di Pisa, Italy. Geomorphology, 2011, 130, 244-254.	2.6	22
35	Radio Frequency Identification (RFID) technology applied to the definition of underwater and subaerial coarse sediment movement. Sedimentary Geology, 2010, 228, 140-150.	2.1	37
36	An RFID Based System for the Underwater Tracking of Pebbles on Artificial Coarse Beaches. , 2009, , .		16

#	Article	IF	Citations
37	Fast retreat of a barrier system due to reduced sediment supply (Bellocchio, Northern Adriatic Sea,) Tj ETQq1 1 0.784314 rgBT /Overlo		3
38	The role of particle shape on pebble transport in a mixed sand and gravel beach (Portonovo, Italy). , 0, , .		0
39	Coarse-grained beach response after storms in three Italian sites. , 0, , .		0