

# Duccio Bertoni

## List of Publications by Year in descending order

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39  
papers

604  
citations

566801

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h-index

642321

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43  
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43  
docs citations

43  
times ranked

510  
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). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 353.	1.2	1
2	Northern Adriatic environmental changes since 500 AD reconstructed at Aquileia (Italy). <i>Quaternary Science Reviews</i> , 2022, 287, 107565.	1.4	4
3	Anthropogenic Impact on Beach Heterogeneity within a Littoral Cell (Northern Tuscany, Italy). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 151.	1.2	5
4	LoRaWAN Underground to Aboveground Data Transmission Performances for Different Soil Compositions. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-13.	2.4	23
5	Ground-Penetrating Radar Prospections to Image the Inner Structure of Coastal Dunes at Sites Characterized by Erosion and Accretion (Northern Tuscany, Italy). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11260.	1.3	4
6	A geometrical approach for the measurement of the volume of masses of granular material through grid-layout sensor networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 151, 107102.	2.5	5
7	Multi-month sedimentological characterization of the backshore of an artificial coarse-clastic beach in Italy. <i>Rendiconti Lincei</i> , 2020, 31, 65-77.	1.0	5
8	A Low-Cost Unmanned Surface Vehicle for Pervasive Water Quality Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1433-1444.	2.4	55
9	Assessment of the Anthropogenic Sediment Budget of a Littoral Cell System (Northern Tuscany, Italy). <i>Water (Switzerland)</i> , 2020, 12, 3240.	1.2	12
10	Litho-sedimentological and morphodynamic characterization of the Pisa Province coastal area (northern Tuscany, Italy). <i>Journal of Maps</i> , 2020, 16, 108-116.	1.0	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). <i>Ocean and Coastal Management</i> , 2019, 180, 104916.	2.0	15
13	Influence of particle shape on pebble transport in a mixed sand and gravel beach during low energy conditions: Implications for nourishment projects. <i>Ocean and Coastal Management</i> , 2019, 169, 171-181.	2.0	19
14	Morpho-sedimentological and vegetational characterization of Grande beach at São Francisco do Sul Island (Santa Catarina, Brazil). <i>Journal of Maps</i> , 2018, 14, 105-113.	1.0	5
15	Universal characteristics of particle shape evolution by bed-load chipping. <i>Science Advances</i> , 2018, 4, eaao4946.	4.7	32
16	Augmented Virtuality for Coastal Management: A Holistic Use of In Situ and Remote Sensing for Large Scale Definition of Coastal Dynamics. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 92.	1.4	14
17	A Wireless Sensor Network Framework for Real-Time Monitoring of Height and Volume Variations on Sandy Beaches and Dunes. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 141.	1.4	9
18	A Wireless Sensor Network for the Real-Time Remote Measurement of Aeolian Sand Transport on Sandy Beaches and Dunes. <i>Sensors</i> , 2018, 18, 820.	2.1	21

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19	Short- and medium-term response to storms on three Mediterranean coarse-grained beaches. <i>Geomorphology</i> , 2017, 295, 738-748.	1.1	22
20	Vulnerability Assessment of a Coastal Dune System at S�o Francisco do Sul Island, Santa Catarina, Brazil. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 44, 052028.	0.2	1
21	Impressive abrasion rates of marked pebbles on a coarse-clastic beach within a 13-month timespan. <i>Marine Geology</i> , 2016, 381, 175-180.	0.9	25
22	Heterogeneous Wireless Sensor Network for Real Time Remote Monitoring of Sand Dynamics on Coastal Dunes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 44, 042030.	0.2	5
23	Short term displacements of marked pebbles in the swash zone: Focus on particle shape and size. <i>Marine Geology</i> , 2015, 367, 143-158.	0.9	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?. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 213-222.	0.9	74
26	The role of sediment grain-size, mineralogy, and beach morphology on plant communities of two Mediterranean coastal dune systems. <i>Italian Journal of Geosciences</i> , 2014, 133, 271-281.	0.4	15
27	On the displacement of marked pebbles on two coarse-clastic beaches during short fair-weather periods (Marina di Pisa and Portonovo, Italy). <i>Geo-Marine Letters</i> , 2013, 33, 463-476.	0.5	25
28	Magdala harbour sedimentation (Sea of Galilee, Israel), from natural to anthropogenic control. <i>Quaternary International</i> , 2013, 303, 120-131.	0.7	18
29	In situ abrasion of marked pebbles on two coarse-clastic beaches (Marina di Pisa, Italy). <i>Italian Journal of Geosciences</i> , 2012, , 205-214.	0.4	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. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 1474-1482.	2.3	22
32	Transport trajectories of "smart" pebbles on an artificial coarse-grained beach at Marina di Pisa (Italy): Implications for beach morphodynamics. <i>Marine Geology</i> , 2012, 291-294, 227-235.	0.9	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. <i>Geomorphology</i> , 2011, 130, 244-254.	1.1	22
35	Radio Frequency Identification (RFID) technology applied to the definition of underwater and subaerial coarse sediment movement. <i>Sedimentary Geology</i> , 2010, 228, 140-150.	1.0	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 rgBj /Overloch		
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