Giovani Sarti

List of Publications by Year
in descending order

55 papers	1,408 citations	331670 21 h-index	345221 36 g-index
58 all docs	58 docs citations	58 times ranked	1478 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	Towards deciphering the Cenozoic evolution of the East Pisco Basin (southern Peru). Journal of Maps, 2022, 18, 397-412.	2.0	8
3	Northern Adriatic environmental changes since 500 AD reconstructed at Aquileia (Italy). Quaternary Science Reviews, 2022, 287, 107565.	3.0	4
4	Anthropogenic Impact on Beach Heterogeneity within a Littoral Cell (Northern Tuscany, Italy). Journal of Marine Science and Engineering, 2021, 9, 151.	2.6	5
5	(Bio)stratigraphic overview and paleoclimatic-paleoceanographic implications of the middle-upper Eocene deposits from the Ica River Valley (East Pisco Basin, Peru). Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 578, 110567.	2.3	7
6	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
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	Assessment of the Anthropogenic Sediment Budget of a Littoral Cell System (Northern Tuscany, Italy). Water (Switzerland), 2020, 12, 3240.	2.7	12
9	Geochemical anomalies of potentially hazardous elements reflect catchment geology: An example from the Tyrrhenian coast of Italy. Science of the Total Environment, 2020, 714, 136870.	8.0	13
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	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
12	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
13	Universal characteristics of particle shape evolution by bed-load chipping. Science Advances, 2018, 4, eaao4946.	10.3	32
14	Deciphering the effects of human activity on urban areas through morphostratigraphic analysis: The case of Pisa, Northwest Italy. Geoarchaeology - an International Journal, 2018, 33, 43-51.	1.5	16
15	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
16	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
17	Holocene evolution of Portus Pisanus, the lost harbour of Pisa. Scientific Reports, 2018, 8, 11625.	3.3	15
18	The loess deposits of Buca Dei Corvi section (Central Italy): Revisited. Catena, 2017, 151, 225-237.	5.0	14

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19	Late Quaternary multiple incised valley systems: An unusually wellâ€preserved stratigraphic record of two interglacial valleyâ€fill successions from the Arno Plain (northern Tuscany, Italy). Sedimentology, 2017, 64, 1901-1928.	3.1	15
20	Development of a coastal dune vulnerability index for Mediterranean ecosystems: A useful tool for coastal managers?. Estuarine, Coastal and Shelf Science, 2017, 187, 84-95.	2.1	40
21	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
22	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
23	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
24	Characterization of coastal environment by means of hyper- and multispectral techniques. Applied Geography, 2015, 57, 120-132.	3.7	12
25	Palaeoenvironments and palaeotopography of a multilayered city during the Etruscan and Roman periods: early interaction of fluvial processes and urban growth at Pisa (Tuscany, Italy). Journal of Archaeological Science, 2015, 59, 197-210.	2.4	27
26	Climatic signature of two midâ€“late Holocene fluvial incisions formed under sea-level highstand conditions (Pisa coastal plain, NW Tuscany, Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 424, 183-195.	2.3	20
27	New insights into the palaeoenvironmental evolution of Magdala ancient harbour (Sea of Galilee,) Tj ETQq1 1 0.784314 rgBT /Overloc Science, 2015, 54, 356-373.	2.4	7
28	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
29	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
30	Background levels of potentially toxic metals from soils of the Pisa coastal plain (Tuscany, Italy) as identified from sedimentological criteria. Environmental Earth Sciences, 2013, 69, 1661-1671.	2.7	8
31	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
32	Middle to late Holocene environmental evolution of the Pisa coastal plain (Tuscany, Italy) and early human settlements. Quaternary International, 2013, 303, 93-106.	1.5	45
33	Magdala harbour sedimentation (Sea of Galilee, Israel), from natural to anthropogenic control. Quaternary International, 2013, 303, 120-131.	1.5	18
34	Coalescent valley fills from the late Quaternary record of Tuscany (Italy). Quaternary International, 2013, 288, 129-138.	1.5	50
35	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
36	An Analysis of the Performances of Low Frequency Cylinder Glass Tags for the Underwater Tracking of Pebbles on a Natural Beach. , 2012, , .		6

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37	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
38	Influence of Holocene stratigraphic architecture on ground surface settlements: A case study from the City of Pisa (Tuscany, Italy). Sedimentary Geology, 2012, 281, 75-87.	2.1	26
39	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
40	DonnÃ©es stratigraphiques nouvelles concernant lâ€™Ã©volution fluviale de la plaine cÃ´tiÃ¨re de lâ€™Arno (Toscane, Italie) Ã lâ€™HolocÃ¨ne moyen-supÃ©rieur. Geomorphologie Relief, Processus, Environnement, 2012, 18, 201-214.	0.4	12
41	An analysis on the use of LF RFID for the tracking of different typologies of pebbles on beaches. , 2011, , .		13
42	On the profile evolution of three artificial pebble beaches at Marina di Pisa, Italy. Geomorphology, 2011, 130, 244-254.	2.6	22
43	Influence of inherited topography on the Holocene sedimentary evolution of coastal systems: An example from Arno coastal plain (Tuscany, Italy). Geomorphology, 2011, 135, 117-128.	2.6	55
44	Fault array evolution in extensional basins: insights from statistical analysis of gravel deposits in the Cecina River (Tuscany, Italy). Sedimentology, 2011, 58, 1895-1913.	3.1	6
45	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
46	Landscape Influences on the Development of the Medievalâ€“Early Renaissance City-states of Pisa, Florence, and Siena, Italy. , 2010, , 203-221.		2
47	An RFID Based System for the Underwater Tracking of Pebbles on Artificial Coarse Beaches. , 2009, , .		16
48	Climate change signature of small-scale parasequences from Lateglacialâ€“Holocene transgressive deposits of the Arno valley fill. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 273, 142-152.	2.3	61
49	Climatic signature of cyclic fluvial architecture from the Quaternary of the central Po Plain, Italy. Sedimentary Geology, 2008, 209, 58-68.	2.1	85
50	Late Quaternary climatic evolution of the Arno coastal plain (Western Tuscany, Italy) from subsurface data. Sedimentary Geology, 2007, 202, 211-229.	2.1	53
51	Mare versus Lago-mare: marine fishes and the Mediterranean environment at the end of the Messinian Salinity Crisis. Journal of the Geological Society, 2006, 163, 75-80.	2.1	77
52	Palaeogeographic and palaeoclimatic evolution of the Po Plain from 150-ky core records. Global and Planetary Change, 2004, 40, 55-78.	3.5	143
53	Facies Architecture and Latest Pleistoceneâ€“Holocene Depositional History of the Po Delta (Comacchio Area), Italy. Journal of Geology, 2003, 111, 39-56.	1.4	91
54	The Romagna Apennines, Italy: an eroded duplex. Geological Journal, 2001, 36, 39-54.	1.3	46

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55	Inverse to normal magnetic fabric transition in an Upper Miocene Marly Sequence from Tuscany, Italy. Geophysical Research Letters, 1996, 23, 909-912.	4.0	21