

# Giovani Sarti

## List of Publications by Year in descending order

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55  
papers

1,408  
citations

331259

21  
h-index

344852

36  
g-index

58  
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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). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 353.	1.2	1
2	Towards deciphering the Cenozoic evolution of the East Pisco Basin (southern Peru). <i>Journal of Maps</i> , 2022, 18, 397-412.	1.0	8
3	Northern Adriatic environmental changes since 500 AD reconstructed at Aquileia (Italy). <i>Quaternary Science Reviews</i> , 2022, 287, 107565.	1.4	4
4	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
5	(Bio)stratigraphic overview and paleoclimatic-paleoceanographic implications of the middle-upper Eocene deposits from the Ica River Valley (East Pisco Basin, Peru). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 578, 110567.	1.0	7
6	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
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	Assessment of the Anthropogenic Sediment Budget of a Littoral Cell System (Northern Tuscany, Italy). <i>Water (Switzerland)</i> , 2020, 12, 3240.	1.2	12
9	Geochemical anomalies of potentially hazardous elements reflect catchment geology: An example from the Tyrrhenian coast of Italy. <i>Science of the Total Environment</i> , 2020, 714, 136870.	3.9	13
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	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
12	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
13	Universal characteristics of particle shape evolution by bed-load chipping. <i>Science Advances</i> , 2018, 4, eaao4946.	4.7	32
14	Deciphering the effects of human activity on urban areas through morphostratigraphic analysis: The case of Pisa, Northwest Italy. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 43-51.	0.7	16
15	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
16	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
17	Holocene evolution of Portus Pisanus, the lost harbour of Pisa. <i>Scientific Reports</i> , 2018, 8, 11625.	1.6	15
18	The loess deposits of Buca Dei Corvi section (Central Italy): Revisited. <i>Catena</i> , 2017, 151, 225-237.	2.2	14

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19	Late Quaternary multiple incised valley systems: An unusually well-preserved stratigraphic record of two interglacial valley-fill successions from the Arno Plain (northern Tuscany, Italy). <i>Sedimentology</i> , 2017, 64, 1901-1928.	1.6	15
20	Development of a coastal dune vulnerability index for Mediterranean ecosystems: A useful tool for coastal managers?. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 187, 84-95.	0.9	40
21	Vulnerability Assessment of a Coastal Dune System at São Francisco do Sul Island, Santa Catarina, Brazil. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 44, 052028.	0.2	1
22	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
23	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
24	Characterization of coastal environment by means of hyper- and multispectral techniques. <i>Applied Geography</i> , 2015, 57, 120-132.	1.7	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). <i>Journal of Archaeological Science</i> , 2015, 59, 197-210.	1.2	27
26	Climatic signature of two mid-late Holocene fluvial incisions formed under sea-level highstand conditions (Pisa coastal plain, NW Tuscany, Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 424, 183-195.	1.0	20
27	New insights into the palaeoenvironmental evolution of Magdala ancient harbour (Sea of Galilee, Israel). <i>Journal of Great Lakes Research</i> , 2015, 41, 356-373.	1.2	7
28	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
29	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
30	Background levels of potentially toxic metals from soils of the Pisa coastal plain (Tuscany, Italy) as identified from sedimentological criteria. <i>Environmental Earth Sciences</i> , 2013, 69, 1661-1671.	1.3	8
31	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
32	Middle to late Holocene environmental evolution of the Pisa coastal plain (Tuscany, Italy) and early human settlements. <i>Quaternary International</i> , 2013, 303, 93-106.	0.7	45
33	Magdala harbour sedimentation (Sea of Galilee, Israel), from natural to anthropogenic control. <i>Quaternary International</i> , 2013, 303, 120-131.	0.7	18
34	Coalescent valley fills from the late Quaternary record of Tuscany (Italy). <i>Quaternary International</i> , 2013, 288, 129-138.	0.7	50
35	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
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.	2.3	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.	1.0	26
39	Transport trajectories of "smart" pebbles on an artificial coarse-grained beach at Marina di Pisa (Italy): Implications for beach morphodynamics. Marine Geology, 2012, 291-294, 227-235.	0.9	23
40	Données stratigraphiques nouvelles concernant l'évolution fluviale de la plaine côtière de l'Arno (Toscane, Italie) à l'Holocène moyen-supérieur. Geomorphologie Relief, Processus, Environnement, 2012, 18, 201-214.	0.7	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.	1.1	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.	1.1	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.	1.6	6
45	Radio Frequency Identification (RFID) technology applied to the definition of underwater and subaerial coarse sediment movement. Sedimentary Geology, 2010, 228, 140-150.	1.0	37
46	Landscape Influences on the Development of the Medieval "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 Lateglacial "Holocene transgressive deposits of the Arno valley fill. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 273, 142-152.	1.0	61
49	Climatic signature of cyclic fluvial architecture from the Quaternary of the central Po Plain, Italy. Sedimentary Geology, 2008, 209, 58-68.	1.0	85
50	Late Quaternary climatic evolution of the Arno coastal plain (Western Tuscany, Italy) from subsurface data. Sedimentary Geology, 2007, 202, 211-229.	1.0	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.	0.9	77
52	Palaeogeographic and palaeoclimatic evolution of the Po Plain from 150-ky core records. Global and Planetary Change, 2004, 40, 55-78.	1.6	143
53	Facies Architecture and Latest Pleistocene "Holocene Depositional History of the Po Delta (Comacchio Area), Italy. Journal of Geology, 2003, 111, 39-56.	0.7	91
54	The Romagna Apennines, Italy: an eroded duplex. Geological Journal, 2001, 36, 39-54.	0.6	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.	1.5	21