

# Alessandro Amorosi

## List of Publications by Citations

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111  
papers

3,665  
citations

35  
h-index

57  
g-index

115  
ext. papers

4,033  
ext. citations

3.1  
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5.44  
L-index

#	Paper	IF	Citations
111	Markers of the last interglacial sea-level high stand along the coast of Italy: Tectonic implications. <i>Quaternary International</i> , <b>2006</b> , 145-146, 30-54	2	339
110	Holocene relative sea-level changes and vertical movements along the Italian and Istrian coastlines. <i>Quaternary International</i> , <b>2009</b> , 206, 102-133	2	183
109	Geochemical and mineralogical variations as indicators of provenance changes in Late Quaternary deposits of SE Po Plain. <i>Sedimentary Geology</i> , <b>2002</b> , 151, 273-292	2.8	133
108	Detecting compositional, spatial, and temporal attributes of glaucony: a tool for provenance research. <i>Sedimentary Geology</i> , <b>1997</b> , 109, 135-153	2.8	128
107	Palaeogeographic and palaeoclimatic evolution of the Po Plain from 150-ky core records. <i>Global and Planetary Change</i> , <b>2004</b> , 40, 55-78	4.2	125
106	Late Quaternary depositional architecture of Po and Tevere river deltas (Italy) and worldwide comparison with coeval deltaic successions. <i>Sedimentary Geology</i> , <b>2001</b> , 144, 357-375	2.8	120
105	Diagenesis and reservoir quality evolution of palaeocene deep-water, marine sandstones, the Shetland-Faroes Basin, British continental shelf. <i>Marine and Petroleum Geology</i> , <b>2008</b> , 25, 514-543	4.7	114
104	Sea-level rise and potential drowning of the Italian coastal plains: Flooding risk scenarios for 2100. <i>Quaternary Science Reviews</i> , <b>2017</b> , 158, 29-43	3.9	105
103	Millennial-scale depositional cycles from the Holocene of the Po Plain, Italy. <i>Marine Geology</i> , <b>2005</b> , 222-223, 7-18	3.3	89
102	Facies Architecture and Latest Pleistocene-Holocene Depositional History of the Po Delta (Comacchio Area), Italy. <i>Journal of Geology</i> , <b>2003</b> , 111, 39-56	2	86
101	Onshore to offshore anatomy of a late Quaternary source-to-sink system (Po Plain-Adriatic Sea, Italy). <i>Earth-Science Reviews</i> , <b>2016</b> , 153, 212-237	10.2	80
100	Genetically related alluvial deposits across active fault zones: an example of alluvial fan-terrace correlation from the upper Quaternary of the southern Po Basin, Italy. <i>Sedimentary Geology</i> , <b>1996</b> , 102, 275-295	2.8	75
99	Climatic signature of cyclic fluvial architecture from the Quaternary of the central Po Plain, Italy. <i>Sedimentary Geology</i> , <b>2008</b> , 209, 58-68	2.8	73
98	Glacio-Eustatic Control of Continental Shallow Marine Cyclicity from Late Quaternary Deposits of the Southeastern Po Plain, Northern Italy. <i>Quaternary Research</i> , <b>1999</b> , 52, 1-13	1.9	73
97	Holocene slip rate of the North Anatolian Fault beneath the Sea of Marmara. <i>Earth and Planetary Science Letters</i> , <b>2004</b> , 227, 411-426	5.3	70
96	Global sea-level control on local parasequence architecture from the Holocene record of the Po Plain, Italy. <i>Marine and Petroleum Geology</i> , <b>2017</b> , 87, 99-111	4.7	68
95	High-resolution sequence stratigraphy from piezocone tests: an example from the Late Quaternary deposits of the southeastern Po Plain. <i>Sedimentary Geology</i> , <b>1999</b> , 128, 67-81	2.8	62

94	Sequence stratigraphy and the resolution of the fossil record. <i>Geology</i> , <b>2013</b> , 41, 239-242	5	59
93	Aeolian beach ridges and their significance for climate and sea level: Concept and insight from the Levant coast (East Mediterranean). <i>Earth-Science Reviews</i> , <b>2013</b> , 121, 31-54	10.2	59
92	Late Quaternary palaeoenvironmental evolution of the Adriatic coastal plain and the onset of Po River Delta. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2008</b> , 268, 80-90	2.9	58
91	Chromium and nickel as indicators of source-to-sink sediment transfer in a Holocene alluvial and coastal system (Po Plain, Italy). <i>Sedimentary Geology</i> , <b>2012</b> , 280, 260-269	2.8	56
90	Evolution patterns of glaucony maturity: A mineralogical and geochemical approach. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2007</b> , 54, 1364-1374	2.3	56
89	Sand Composition and Sedimentary Evolution of a Late Quaternary Depositional Sequence, Northwestern Adriatic Coast, Italy. <i>Journal of Sedimentary Research</i> , <b>2000</b> , 70, 829-838	2.1	55
88	Climate change signature of small-scale parasequences from Lateglacial-Holocene transgressive deposits of the Arno valley fill. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 273, 142-152	2.9	52
87	Influence of sediment provenance on background values of potentially toxic metals from near-surface sediments of Po coastal plain (Italy). <i>International Journal of Earth Sciences</i> , <b>2007</b> , 96, 389-396	2.2	51
86	Late Quaternary incision and deposition in an active volcanic setting: The Volturno valley fill, southern Italy. <i>Sedimentary Geology</i> , <b>2012</b> , 282, 307-320	2.8	48
85	Influence of inherited topography on the Holocene sedimentary evolution of coastal systems: An example from Arno coastal plain (Tuscany, Italy). <i>Geomorphology</i> , <b>2011</b> , 135, 117-128	4.3	48
84	Late Quaternary climatic evolution of the Arno coastal plain (Western Tuscany, Italy) from subsurface data. <i>Sedimentary Geology</i> , <b>2007</b> , 202, 211-229	2.8	48
83	Coalescent valley fills from the late Quaternary record of Tuscany (Italy). <i>Quaternary International</i> , <b>2013</b> , 288, 129-138	2	41
82	Early Holocene transgressive palaeogeography in the Po coastal plain (northern Italy). <i>Sedimentology</i> , <b>2017</b> , 64, 1792-1816	3.3	39
81	Paleosol architecture of a late Quaternary basin-margin sequence and its implications for high-resolution, non-marine sequence stratigraphy. <i>Global and Planetary Change</i> , <b>2014</b> , 112, 12-25	4.2	38
80	Middle to late Holocene environmental evolution of the Pisa coastal plain (Tuscany, Italy) and early human settlements. <i>Quaternary International</i> , <b>2013</b> , 303, 93-106	2	37
79	Sequence stratigraphy and late Quaternary paleoenvironmental evolution of the Northern Adriatic coastal plain (Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 466, 265-278	2.9	37
78	Provenance of siliciclastic and hybrid turbiditic arenites of the Eocene Hecho Group, Spanish Pyrenees: implications for the tectonic evolution of a foreland basin. <i>Basin Research</i> , <b>2010</b> , 22, 157-180	3.2	37
77	Paleosols and associated channel-belt sand bodies from a continuously subsiding late Quaternary system (Po Basin, Italy): New insights into continental sequence stratigraphy. <i>Bulletin of the Geological Society of America</i> , <b>2017</b> , 129, 449-463	3.9	36

76	Differential responses of marine communities to natural and anthropogenic changes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142990	4.4	35
75	The Middle-Upper Pleistocene Fronte Section (Taranto, Italy): An exceptionally preserved marine record of the Last Interglacial. <i>Global and Planetary Change</i> , <b>2014</b> , 119, 23-38	4.2	32
74	Fingerprinting sedimentary and soil units by their natural metal contents: a new approach to assess metal contamination. <i>Science of the Total Environment</i> , <b>2014</b> , 500-501, 361-72	10.2	31
73	Glaucony from the Eocene of the Isle of Wight (southern UK): implications for basin analysis and sequence-stratigraphic interpretation. <i>Journal of the Geological Society</i> , <b>1997</b> , 154, 887-896	2.7	29
72	Biosedimentary record of postglacial coastal dynamics: high-resolution sequence stratigraphy from the northern Tuscan coast (Italy). <i>Boreas</i> , <b>2014</b> , 43, 939-954	2.4	28
71	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> , <b>2015</b> , 59, 197-210	2.9	26
70	Stepwise post-glacial transgression in the Rh�ne Delta area as revealed by high-resolution core data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2013</b> , 374, 314-326	2.9	26
69	Late Quaternary aggradation rates and stratigraphic architecture of the southern Po Plain, Italy. <i>Basin Research</i> , <b>2017</b> , 29, 234-248	3.2	25
68	Systematic vertical and lateral changes in quality and time resolution of the macrofossil record: Insights from Holocene transgressive deposits, Po coastal plain, Italy. <i>Marine and Petroleum Geology</i> , <b>2017</b> , 87, 128-136	4.7	24
67	Quantitative Bathymetric Models for Late Quaternary Transgressive-Regressive Cycles of the Po Plain, Italy. <i>Journal of Geology</i> , <b>2014</b> , 122, 649-670	2	24
66	Flooding scenario for four Italian coastal plains using three relative sea level rise models. <i>Journal of Maps</i> , <b>2017</b> , 13, 961-967	2.2	23
65	Influence of Holocene stratigraphic architecture on ground surface settlements: A case study from the City of Pisa (Tuscany, Italy). <i>Sedimentary Geology</i> , <b>2012</b> , 281, 75-87	2.8	23
64	The Pleistocene tectono-sedimentary evolution of the Apenninic foreland basin between Trigno and Fortore rivers (Southern Italy) through a sequence-stratigraphic perspective. <i>Basin Research</i> , <b>2012</b> , 24, 213-233	3.2	23
63	A potential global boundary stratotype section and point (GSSP) for the Tarentian Stage, Upper Pleistocene, from the Taranto area (Italy): Results and future perspectives. <i>Quaternary International</i> , <b>2015</b> , 383, 145-157	2	22
62	Three-fold nature of coastal progradation during the Holocene eustatic highstand, Po Plain, Italy □ close correspondence of stratal character with distribution patterns. <i>Sedimentology</i> , <b>2019</b> , 66, 3029-3052	3.3	21
61	Contrasting alluvial architecture of Late Pleistocene and Holocene deposits along a 120-km transect from the central Po Plain (northern Italy). <i>Sedimentary Geology</i> , <b>2016</b> , 341, 265-275	2.8	21
60	Sand composition changes across key boundaries of siliciclastic and hybrid depositional sequences. <i>Sedimentary Geology</i> , <b>2011</b> , 236, 153-163	2.8	20
59	Sediment composition, provenance, and Holocene paleoenvironmental evolution of the Southern Po River coastal plain (Italy). <i>Geological Journal</i> , <b>2018</b> , 53, 914-928	1.7	19

58	Human-landscape interactions in the Bologna area (northern Italy) during the mid-late Holocene, with focus on the Roman period. <i>Holocene</i> , <b>2013</b> , 23, 1560-1571	2.6	19
57	A late Quaternary multiple paleovalley system from the Adriatic coastal plain (Biferno River, Southern Italy). <i>Geomorphology</i> , <b>2016</b> , 254, 146-159	4.3	18
56	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> , <b>2015</b> , 424, 183-195	2.9	17
55	The value of pocket penetration tests for the high-resolution palaeosol stratigraphy of late Quaternary deposits. <i>Geological Journal</i> , <b>2015</b> , 50, 670-682	1.7	16
54	The Lower Miocene siliceous zone: a marker in the palaeogeographic evolution of the northern Apennines. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1995</b> , 118, 131-149	2.9	16
53	Basin-scale stratigraphic correlation of late Pleistocene-Holocene (MIS 5e-MIS 1) strata across the rapidly subsiding Po Basin (northern Italy). <i>Quaternary Science Reviews</i> , <b>2020</b> , 237, 106300	3.9	15
52	Ephemeral rollover points and clinothem evolution in the modern Po Delta based on repeated bathymetric surveys. <i>Basin Research</i> , <b>2020</b> , 32, 402-418	3.2	15
51	Glaucony from the Cretaceous of the Sierra de Guadarrama (Central Spain) and its application in a sequence-stratigraphic context. <i>International Journal of Earth Sciences</i> , <b>2012</b> , 101, 415-427	2.2	14
50	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> , <b>2017</b> , 64, 1901-1928	3.3	13
49	Stratigraphic control on earthquake-induced liquefaction: A case study from the Central Po Plain (Italy). <i>Sedimentary Geology</i> , <b>2016</b> , 345, 42-53	2.8	13
48	Late-glacial to Holocene depositional architecture of the Ombrone palaeovalley system (Southern Tuscany, Italy): Sea-level, climate and local control in valley-fill variability. <i>Sedimentology</i> , <b>2016</b> , 63, 1124-1148	3.148	13
47	Deciphering the effects of human activity on urban areas through morphostratigraphic analysis: The case of Pisa, Northwest Italy. <i>Geoarchaeology - an International Journal</i> , <b>2018</b> , 33, 43-51	1.4	13
46	Stratigraphic signatures of mass extinctions: ecological and sedimentary determinants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	13
45	Glaucony and Sequence Stratigraphy: A Conceptual Framework of Distribution in Siliciclastic Sequences. <i>Journal of Sedimentary Research</i> , <b>1995</b> , Vol. 65B,	2.1	12
44	New stratigraphic evidence for the mid-late Holocene fluvial evolution of the Arno coastal plain (Tuscany, Italy). <i>Geomorphologie Relief, Processus, Environnement</i> , <b>2012</b> , 18, 201-214	0.7	12
43	New evidence on the spatial-temporal distribution of superlobes in the Yellow River Delta Complex. <i>Quaternary Science Reviews</i> , <b>2019</b> , 214, 117-138	3.9	10
42	Peat layer accumulation and post-burial deformation during the mid-late Holocene in the Po coastal plain (Northern Italy). <i>Basin Research</i> , <b>2019</b> , 31, 621-639	3.2	10
41	A mid-late Holocene tidally-influenced drainage system revealed by integrated remote sensing, sedimentological and stratigraphic data. <i>Geomorphology</i> , <b>2018</b> , 318, 421-436	4.3	10

40	Magdala harbour sedimentation (Sea of Galilee, Israel), from natural to anthropogenic control. <i>Quaternary International</i> , <b>2013</b> , 303, 120-131	2	10
39	Reconstructing Last Glacial Maximum and Younger Dryas paleolandscapes through subsurface paleosol stratigraphy: An example from the Po coastal plain, Italy. <i>Geomorphology</i> , <b>2017</b> , 295, 790-800	4.3	10
38	Glauconitic-rich strata from Oligo-Miocene shallow-marine siliciclastic deposits of the northern margin of Africa (Tunisia): geochemical approach for basin analysis. <i>Arabian Journal of Geosciences</i> , <b>2015</b> , 8, 1731-1742	1.8	9
37	High-frequency depositional cycles within the late Quaternary alluvial succession of Reno River (northern Italy). <i>Italian Journal of Geosciences</i> , <b>2015</b> , 134, 339-354	1.7	9
36	Origin of VC-only plumes from naturally enhanced dechlorination in a peat-rich hydrogeologic setting. <i>Journal of Contaminant Hydrology</i> , <b>2016</b> , 192, 129-139	3.9	9
35	Assessing natural contents of hazardous metals in soils by different analytical methods and its impact on environmental legislative measures. <i>International Journal of Environment and Pollution</i> , <b>2011</b> , 46, 164	0.7	8
34	Climate control on stacked paleosols in the Pleistocene of the Po Basin (northern Italy). <i>Journal of Quaternary Science</i> , <b>2020</b> , 35, 559-571	2.3	8
33	River avulsions and sedimentary evolution of the Luanhe fan-delta system (North China) since the late Pleistocene. <i>Marine Geology</i> , <b>2020</b> , 425, 106194	3.3	7
32	Geochemical anomalies of potentially hazardous elements reflect catchment geology: An example from the Tyrrhenian coast of Italy. <i>Science of the Total Environment</i> , <b>2020</b> , 714, 136870	10.2	7
31	Shifts in sediment provenance across a hierarchy of bounding surfaces: A sequence-stratigraphic perspective from bulk-sediment geochemistry. <i>Sedimentary Geology</i> , <b>2018</b> , 375, 145-156	2.8	7
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> , <b>2013</b> , 69, 1661-1671	2.9	7
29	Palaeoenvironmental changes in the Pliocene Intra-Appenninic Basin, near Bologna (Northern Italy). <i>Geobios</i> , <b>2002</b> , 35, 7-18	1.5	7
28	Predictive Diagenetic Clay-Mineral Distribution in Siliciclastic Rocks within a Sequence Stratigraphic Framework	4.3	61
27	ANATOMY OF A CONDENSED SECTION: THE LOWER CENOMANIAN GLAUCONY-RICH DEPOSITS OF CAP BLANC-NEZ (BOULONNAIS, NORTHERN FRANCE) <b>2000</b> , 405-413		7
26	New insights into the palaeoenvironmental evolution of Magdala ancient harbour (Sea of Galilee, Israel) from ostracod assemblages, geochemistry and sedimentology. <i>Journal of Archaeological Science</i> , <b>2015</b> , 54, 356-373	2.9	6
25	Late Quaternary sequence stratigraphy as a tool for groundwater exploration: Lessons from the Po River Basin (northern Italy). <i>AAPG Bulletin</i> , <b>2020</b> , 104, 681-710	2.5	6
24	Decoupled geomorphic and sedimentary response of Po River and its Alpine tributaries during the last glacial/post-glacial episode. <i>Geomorphology</i> , <b>2018</b> , 317, 184-198	4.3	6
23	Tracing clinothem geometry and sediment pathways in the prograding Holocene Po Delta system through integrated core stratigraphy. <i>Basin Research</i> , <b>2020</b> , 32, 206-215	3.2	6

22	Linking Holocene vegetation dynamics, palaeoclimate variability and depositional patterns in coastal successions: Insights from the Po Delta plain of northern Italy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2020</b> , 538, 109468	2.9	5
21	Deformation patterns of upper Quaternary strata and their relation to active tectonics, Po Basin, Italy. <i>Sedimentology</i> , <b>2021</b> , 68, 402-424	3.3	5
20	Cyclic variations in sediment provenance from late Pleistocene deposits of the eastern Po Plain, Italy <b>2007</b> ,		4
19	The Linkage between Alluvial and Coeval Nearshore Marine Successions: Evidence from the Late Quaternary Record of the PO River Plain, Italy 255-275		4
18	Detecting a sequence boundary across different tectonic domains: an example from the middle Miocene of the northern Apennines (Italy). <i>Terra Nova</i> , <b>1996</b> , 8, 334-346	3	4
17	Sediment dispersal pathways in the Po coastal plain since the Last Glacial Maximum: Provenance signals of autogenic and eustatic forcing. <i>Basin Research</i> , <b>2021</b> , 33, 1407-1428	3.2	4
16	Patterns of geochemical variability across weakly developed paleosol profiles and their role as regional stratigraphic markers (Upper Pleistocene, Po Plain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 574, 110413	2.9	4
15	Benthic foraminifera as a key to delta evolution: A case study from the late Holocene succession of the Po River Delta. <i>Micropaleontology</i> , <b>2017</b> , 63, 27-41	2	4
14	Factors controlling natural subsidence in the Po Plain. <i>Proceedings of the International Association of Hydrological Sciences</i> , 382, 285-290		3
13	Millennial-scale shifts in microtidal ecosystems during the Holocene: dynamics and drivers of change from the Po Plain coastal record (NE Italy). <i>Journal of Quaternary Science</i> , <b>2021</b> , 36, 961-979	2.3	3
12	The Occurrence of Glaucony in the Stratigraphic Record: Distribution Patterns and Sequence-Stratigraphic Significance <b>2013</b> , 37-53		2
11	Deriving Natural Background Levels of Arsenic at the Meso-Scale Using Site-Specific Datasets: An Unorthodox Method. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 452	3	2
10	Tracing provenance and pathways of late Holocene fluvio-deltaic sediments by heavy-metal spatial distribution (Po Plain-Northern Apennines system, Italy). <i>Geological Society Special Publication</i> , <b>2014</b> , 386, 313-325	1.7	1
9	Trunk river and tributary interactions recorded in the Pleistocene-Holocene stratigraphy of the Po Plain (northern Italy). <i>Sedimentology</i> , <b>2021</b> , 68, 2918-2943	3.3	1
8	Quantitative paleoecology in shallow-marine settings: The value of ostracods and foraminifers from the Holocene North Adriatic record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 572, 110408	2.9	1
7	Late Quaternary Landscape Dynamics at the La Spezia Gulf (NW Italy): A Multi-Proxy Approach Reveals Environmental Variability within a Rocky Embayment. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 427	3	1
6	Tracing marine flooding surface equivalents across freshwater peats and other wetland deposits by integrated sedimentological and pollen data. <i>International Journal of Coal Geology</i> , <b>2021</b> , 246, 103830	5.5	1
5	A Long-Term Record of Quaternary Facies Patterns and Palaeoenvironmental Trends from the Po Plain (NE Italy) as Revealed by Bio-Sedimentary Data. <i>Geosciences (Switzerland)</i> , <b>2021</b> , 11, 401	2.7	0

4	Benthic foraminifers from Holocene subaqueous deltas of the Western Mediterranean: Stratigraphic implications and palaeoenvironmental significance of the biofacies. <i>Marine Geology</i> , <b>2021</b> , 442, 106632	3.3	0
3	Timing and mechanisms of sediment accumulation and pedogenesis: Insights from the Po Plain (northern Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2022</b> , 591, 110881	2.9	0
2	The Influence of Transgressive Paleogeography on the Development and Decline of Cardium Pottery Culture (Mediterranean Neolithic). <i>Geophysical Monograph Series</i> , <b>2013</b> , 171-176	1.1	
1	Factors Controlling Trace-Metal Distribution in Alluvial and Coastal Deposits: Implications for Hydrocarbon Exploration. <i>Springer Geology</i> , <b>2014</b> , 891-894	0.8	