Alessandro Amorosi

List of Publications by Year
in descending order

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113 papers	4,614 citations	81839 39 h-index	110317 64 g-index
115 all docs	115 docs citations	115 times ranked	3210 citing authors

#	Article	IF	Citations
1	Timing and mechanisms of sediment accumulation and pedogenesis: Insights from the Po Plain (northern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 591, 110881.	1.0	2
2	Deformation patterns of upper Quaternary strata and their relation to active tectonics, Po Basin, Italy. Sedimentology, 2021, 68, 402-424.	1.6	8
3	Sediment dispersal pathways in the Po coastal plain since the Last Glacial Maximum: Provenance signals of autogenic and eustatic forcing. Basin Research, 2021, 33, 1407-1428.	1.3	9
4	Late Quaternary Landscape Dynamics at the La Spezia Gulf (NW Italy): A Multi-Proxy Approach Reveals Environmental Variability within a Rocky Embayment. Water (Switzerland), 2021, 13, 427.	1.2	1
5	Deriving Natural Background Levels of Arsenic at the Meso-Scale Using Site-Specific Datasets: An Unorthodox Method. Water (Switzerland), 2021, 13, 452.	1.2	4
6	Millennialâ€scale shifts in microtidal ecosystems during the Holocene: dynamics and drivers of change from the Po Plain coastal record (NE Italy). Journal of Quaternary Science, 2021, 36, 961-979.	1.1	8
7	Trunk river and tributary interactions recorded in the Pleistoceneâ€"Holocene stratigraphy of the Po Plain (northern Italy). Sedimentology, 2021, 68, 2918-2943.	1.6	8
8	Quantitative paleoecology in shallow-marine settings: The value of ostracods and foraminifers from the Holocene North Adriatic record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 572, 110408.	1.0	5
9	Patterns of geochemical variability across weakly developed paleosol profiles and their role as regional stratigraphic markers (Upper Pleistocene, Po Plain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 574, 110413.	1.0	10
10	A Long-Term Record of Quaternary Facies Patterns and Palaeonvironmental Trends from the Po Plain (NE Italy) as Revealed by Bio-Sedimentary Data. Geosciences (Switzerland), 2021, 11, 401.	1.0	1
11	Tracing marine flooding surface equivalents across freshwater peats and other wetland deposits by integrated sedimentological and pollen data. International Journal of Coal Geology, 2021, 246, 103830.	1.9	6
12	Benthic foraminifers from Holocene subaqueous deltas of the Western Mediterranean: Stratigraphic implications and palaeoenvironmental significance of the biofacies. Marine Geology, 2021, 442, 106632.	0.9	3
13	Tracing clinothem geometry and sediment pathways in the prograding Holocene Po Delta system through integrated core stratigraphy. Basin Research, 2020, 32, 206-215.	1.3	13
14	Linking Holocene vegetation dynamics, palaeoclimate variability and depositional patterns in coastal successions: Insights from the Po Delta plain of northern Italy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 538, 109468.	1.0	7
15	Ephemeral rollover points and clinothem evolution in the modern Po Delta based on repeated bathymetric surveys. Basin Research, 2020, 32, 402-418.	1.3	27
16	Late Quaternary sequence stratigraphy as a tool for groundwater exploration: Lessons from the Po River Basin (northern Italy). AAPG Bulletin, 2020, 104, 681-710.	0.7	12
17	River avulsions and sedimentary evolution of the Luanhe fan-delta system (North China) since the late Pleistocene. Marine Geology, 2020, 425, 106194.	0.9	13
18	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.	3.9	13

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19	Basin-scale stratigraphic correlation of late Pleistocene-Holocene (MIS 5e-MIS 1) strata across the rapidly subsiding Po Basin (northern Italy). Quaternary Science Reviews, 2020, 237, 106300.	1.4	22
20	Climate control on stacked paleosols in the Pleistocene of the Po Basin (northern Italy). Journal of Quaternary Science, 2020, 35, 559-571.	1.1	11
21	New evidence on the spatial-temporal distribution of superlobes in the Yellow River Delta Complex. Quaternary Science Reviews, 2019, 214, 117-138.	1.4	20
22	Threeâ€fold nature of coastal progradation during the Holocene eustatic highstand, Po Plain, Italy â€“ close correspondence of stratal character with distribution patterns. Sedimentology, 2019, 66, 3029-3052.	1.6	30
23	Peat layer accumulation and postâ€burial deformation during the midâ€late Holocene in the Po coastal plain (Northern Italy). Basin Research, 2019, 31, 621-639.	1.3	17
24	Sediment composition, provenance, and Holocene paleoenvironmental evolution of the Southern Po River coastal plain (Italy). Geological Journal, 2018, 53, 914-928.	0.6	21
25	Shifts in sediment provenance across a hierarchy of bounding surfaces: A sequence-stratigraphic perspective from bulk-sediment geochemistry. Sedimentary Geology, 2018, 375, 145-156.	1.0	10
26	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.	0.7	16
27	Stratigraphic signatures of mass extinctions: ecological and sedimentary determinants. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181191.	1.2	17
28	A mid-late Holocene tidally-influenced drainage system revealed by integrated remote sensing, sedimentological and stratigraphic data. Geomorphology, 2018, 318, 421-436.	1.1	11
29	Decoupled geomorphic and sedimentary response of Po River and its Alpine tributaries during the last glacial/post-glacial episode. Geomorphology, 2018, 317, 184-198.	1.1	11
30	Late Quaternary aggradation rates and stratigraphic architecture of the southern Po Plain, Italy. Basin Research, 2017, 29, 234-248.	1.3	29
31	Global sea-level control on local parasequence architecture from the Holocene record of the Po Plain, Italy. Marine and Petroleum Geology, 2017, 87, 99-111.	1.5	95
32	Sea-level rise and potential drowning of the Italian coastal plains: Flooding risk scenarios for 2100. Quaternary Science Reviews, 2017, 158, 29-43.	1.4	137
33	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.	1.6	15
34	Early Holocene transgressive palaeogeography in the Po coastal plain (northern Italy). Sedimentology, 2017, 64, 1792-1816.	1.6	56
35	Systematic vertical and lateral changes in quality and time resolution of the macrofossil record: Insights from Holocene transgressive deposits, Po coastal plain, Italy. Marine and Petroleum Geology, 2017, 87, 128-136.	1.5	29
36	Reconstructing Last Glacial Maximum and Younger Dryas paleolandscapes through subsurface paleosol stratigraphy: An example from the Po coastal plain, Italy. Geomorphology, 2017, 295, 790-800.	1.1	12

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37	Paleosols and associated channel-belt sand bodies from a continuously subsiding late Quaternary system (Po Basin, Italy): New insights into continental sequence stratigraphy. Bulletin of the Geological Society of America, 2017, 129, 449-463.	1.6	52
38	Sequence stratigraphy and late Quaternary paleoenvironmental evolution of the Northern Adriatic coastal plain (Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 466, 265-278.	1.0	46
39	Flooding scenario for four Italian coastal plains using three relative sea level rise models. Journal of Maps, 2017, 13, 961-967.	1.0	30
40	Benthic foraminifera as a key to delta evolution: Acase study from the late Holocene succession of the Po River Delta. Micropaleontology, 2017, 63, 27-41.	0.3	5
41	Lateâ€glacial to Holocene depositional architecture of the Ombrone palaeovalley system (Southern) Tj ETQq1 1 0.784314 rgBT /Over 1124-1148.	1.6	18
42	Origin of VC-only plumes from naturally enhanced dechlorination in a peat-rich hydrogeologic setting. Journal of Contaminant Hydrology, 2016, 192, 129-139.	1.6	13
43	Stratigraphic control on earthquake-induced liquefaction: A case study from the Central Po Plain (Italy). Sedimentary Geology, 2016, 345, 42-53.	1.0	17
44	Contrasting alluvial architecture of Late Pleistocene and Holocene deposits along a 120-km transect from the central Po Plain (northern Italy). Sedimentary Geology, 2016, 341, 265-275.	1.0	29
45	A late Quaternary multiple paleovalley system from the Adriatic coastal plain (Biferno River, Southern) Tj ETQq1 1 0.784314 rgBT /Over	1.1	29
46	Onshore to offshore anatomy of a late Quaternary source-to-sink system (Po Plainâ€"Adriatic Sea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.0	103
47	The value of pocket penetration tests for the highâ€resolution palaeosol stratigraphy of late Quaternary deposits. Geological Journal, 2015, 50, 670-682.	0.6	24
48	Differential responses of marine communities to natural and anthropogenic changes. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142990.	1.2	43
49	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.	1.2	27
50	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.	1.0	20
51	A potential global boundary stratotype section and point (GSSP) for the Tarentian Stage, Upper Pleistocene, from the Taranto area (Italy): Results and future perspectives. Quaternary International, 2015, 383, 145-157.	0.7	29
52	Glauconitic-rich strata from Oligo-Miocene shallow-marine siliciclastic deposits of the northern margin of Africa (Tunisia): geochemical approach for basin analysis. Arabian Journal of Geosciences, 2015, 8, 1731-1742.	0.6	15
53	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.	1.2	7
54	High-frequency depositional cycles within the late Quaternary alluvial succession of Reno River (northern Italy). Italian Journal of Geosciences, 2015, 134, 339-354.	0.4	13

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55	Tracing provenance and pathways of late Holocene fluvio-deltaic sediments by heavy-metal spatial distribution (Po Plainâ€“Northern Apennines system, Italy). Geological Society Special Publication, 2014, 386, 313-325.	0.8	1
56	Quantitative Bathymetric Models for Late Quaternary Transgressive-Regressive Cycles of the Po Plain, Italy. Journal of Geology, 2014, 122, 649-670.	0.7	31
57	Biosedimentary record of postglacial coastal dynamics: highâ€resolution sequence stratigraphy from the northern <scp>T</scp>uscan coast (<scp>I</scp>taly). Boreas, 2014, 43, 939-954.	1.2	38
58	Fingerprinting sedimentary and soil units by their natural metal contents: A new approach to assess metal contamination. Science of the Total Environment, 2014, 500-501, 361-372.	3.9	40
59	The Middleâ€“Upper Pleistocene Fronte Section (Taranto, Italy): An exceptionally preserved marine record of the Last Interglacial. Global and Planetary Change, 2014, 119, 23-38.	1.6	44
60	Paleosol architecture of a late Quaternary basinâ€“margin sequence and its implications for high-resolution, non-marine sequence stratigraphy. Global and Planetary Change, 2014, 112, 12-25.	1.6	43
61	Factors Controlling Trace-Metal Distribution in Alluvial and Coastal Deposits: Implications for Hydrocarbon Exploration. Springer Geology, 2014, , 891-894.	0.2	0
62	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.	1.3	8
63	Sequence stratigraphy and the resolution of the fossil record. Geology, 2013, 41, 239-242.	2.0	73
64	Middle to late Holocene environmental evolution of the Pisa coastal plain (Tuscany, Italy) and early human settlements. Quaternary International, 2013, 303, 93-106.	0.7	45
65	Magdala harbour sedimentation (Sea of Galilee, Israel), from natural to anthropogenic control. Quaternary International, 2013, 303, 120-131.	0.7	18
66	Coalescent valley fills from the late Quaternary record of Tuscany (Italy). Quaternary International, 2013, 288, 129-138.	0.7	50
67	Stepwise post-glacial transgression in the RhÃ´ne Delta area as revealed by high-resolution core data. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 314-326.	1.0	33
68	Aeolian beach ridges and their significance for climate and sea level: Concept and insight from the Levant coast (East Mediterranean). Earth-Science Reviews, 2013, 121, 31-54.	4.0	71
69	Humanâ€“landscape interactions in the Bologna area (northern Italy) during the midâ€“late Holocene, with focus on the Roman period. Holocene, 2013, 23, 1560-1571.	0.9	25
70	The Influence of Transgressive Paleogeography on the Development and Decline of Cardium Pottery Culture (Mediterranean Neolithic). Geophysical Monograph Series, 2013, , 171-176.	0.1	0
71	Late Quaternary incision and deposition in an active volcanic setting: The Volturno valley fill, southern Italy. Sedimentary Geology, 2012, 282, 307-320.	1.0	63
72	Chromium and nickel as indicators of source-to-sink sediment transfer in a Holocene alluvial and coastal system (Po Plain, Italy). Sedimentary Geology, 2012, 280, 260-269.	1.0	66

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73	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
74	The Pleistocene tectonoâ€â€sedimentary evolution of the Apenninic foreland basin between Trigno and Fortore rivers (Southern Italy) through a sequenceâ€stratigraphic perspective. Basin Research, 2012, 24, 213-233.	1.3	29
75	Glaucony from the Cretaceous of the Sierra de Guadarrama (Central Spain) and its application in a sequence-stratigraphic context. International Journal of Earth Sciences, 2012, 101, 415-427.	0.9	20
76	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.	0.7	12
77	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
78	The problem of glaucony from the Shannon Sandstone (Campanian, Wyoming). Terra Nova, 2011, 23, 100-107.	0.9	2
79	Sand composition changes across key boundaries of siliciclastic and hybrid depositional sequences. Sedimentary Geology, 2011, 236, 153-163.	1.0	27
80	Assessing natural contents of hazardous metals in soils by different analytical methods and its impact on environmental legislative measures. International Journal of Environment and Pollution, 2011, 46, 164.	0.2	9
81	Provenance of siliciclastic and hybrid turbiditic arenites of the Eocene Hecho Group, Spanish Pyrenees: implications for the tectonic evolution of a foreland basin. Basin Research, 2010, 22, 157-180.	1.3	43
82	Holocene relative sea-level changes and vertical movements along the Italian and Istrian coastlines. Quaternary International, 2009, 206, 102-133.	0.7	202
83	Climate change signature of small-scale parasequences from Lateglacialâ€"Holocene transgressive deposits of the Arno valley fill. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 273, 142-152.	1.0	61
84	Climatic signature of cyclic fluvial architecture from the Quaternary of the central Po Plain, Italy. Sedimentary Geology, 2008, 209, 58-68.	1.0	85
85	Diagenesis and reservoir quality evolution of palaeocene deep-water, marine sandstones, the Shetland-Faroes Basin, British continental shelf. Marine and Petroleum Geology, 2008, 25, 514-543.	1.5	165
86	Late Quaternary palaeoenvironmental evolution of the Adriatic coastal plain and the onset of Po River Delta. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 268, 80-90.	1.0	66
87	Cyclic variations in sediment provenance from late Pleistocene deposits of the eastern Po Plain, Italy. , 2007, , .		9
88	Evolution patterns of glaucony maturity: A mineralogical and geochemical approach. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1364-1374.	0.6	70
89	Late Quaternary climatic evolution of the Arno coastal plain (Western Tuscany, Italy) from subsurface data. Sedimentary Geology, 2007, 202, 211-229.	1.0	53
90	Influence of sediment provenance on background values of potentially toxic metals from near-surface sediments of Po coastal plain (Italy). International Journal of Earth Sciences, 2007, 96, 389-396.	0.9	59

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91	Markers of the last interglacial sea-level high stand along the coast of Italy: Tectonic implications. Quaternary International, 2006, 145-146, 30-54.	0.7	397
92	Millennial-scale depositional cycles from the Holocene of the Po Plain, Italy. Marine Geology, 2005, 222-223, 7-18.	0.9	101
93	Holocene slip rate of the North Anatolian Fault beneath the Sea of Marmara. Earth and Planetary Science Letters, 2004, 227, 411-426.	1.8	80
94	Palaeogeographic and palaeoclimatic evolution of the Po Plain from 150-ky core records. Global and Planetary Change, 2004, 40, 55-78.	1.6	143
95	Facies Architecture and Latest Pleistoceneâ€"Holocene Depositional History of the Po Delta (Comacchio Area), Italy. Journal of Geology, 2003, 111, 39-56.	0.7	91
96	Palaeoenvironmental changes in the Pliocene Intra-Apenninic Basin, near Bologna (Northern Italy). Geobios, 2002, 35, 7-18.	0.7	10
97	Geochemical and mineralogical variations as indicators of provenance changes in Late Quaternary deposits of SE Po Plain. Sedimentary Geology, 2002, 151, 273-292.	1.0	160
98	Chapter B1c Interpretative reading of the Campanian-Maastrichtian deposits at Tercis les Bains: Sedimentary breaks, rhythms, accumulation rate, sequences. Developments in Palaeontology and Stratigraphy, 2001, 19, 120-133.	0.1	1
99	Late Quaternary depositional architecture of Po and Tevere river deltas (Italy) and worldwide comparison with coeval deltaic successions. Sedimentary Geology, 2001, 144, 357-375.	1.0	135
100	Sand Composition and Sedimentary Evolution of a Late Quaternary Depositional Sequence, Northwestern Adriatic Coast, Italy. Journal of Sedimentary Research, 2000, 70, 829-838.	0.8	63
101	ANATOMY OF A CONDENSED SECTION: THE LOWER CENOMANIAN GLAUCONY-RICH DEPOSITS OF CAP BLANC-NEZ (BOULONNAIS, NORTHERN FRANCE). , 2000, , 405-413.		10
102	Glacio-Eustatic Control of Continentalâ€"Shallow Marine Cyclicity from Late Quaternary Deposits of the Southeastern Po Plain, Northern Italy. Quaternary Research, 1999, 52, 1-13.	1.0	85
103	High-resolution sequence stratigraphy from piezocone tests: an example from the Late Quaternary deposits of the southeastern Po Plain. Sedimentary Geology, 1999, 128, 67-81.	1.0	73
104	Glaucony from the Eocene of the Isle of Wight (southern UK): implications for basin analysis and sequence-stratigraphic interpretation. Journal of the Geological Society, 1997, 154, 887-896.	0.9	39
105	Detecting compositional, spatial, and temporal attributes of glaucony: a tool for provenance research. Sedimentary Geology, 1997, 109, 135-153.	1.0	167
106	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. Sedimentary Geology, 1996, 102, 275-295.	1.0	85
107	Detecting a sequence boundary across different tectonic domains: an example from the middle Miocene of the northern Apennines (Italy). Terra Nova, 1996, 8, 334-346.	0.9	6
108	Chapter D3 Biostratigraphy and geochronology of an early serravallian volcaniclastic layer from Sicily. Developments in Palaeontology and Stratigraphy, 1995, , 351-361.	0.1	0

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109	Chapter C2 Integrated stratigraphy (biostratigraphy and geochronology) of the early miocene sequence from the emilian apennines (Italy). Developments in Palaeontology and Stratigraphy, 1995, 15, 221-247.	0.1	0
110	The Lower Miocene siliceous zone: a marker in the palaeogeographic evolution of the northern Apennines. Palaeogeography, Palaeoclimatology, Palaeoecology, 1995, 118, 131-149.	1.0	21
111	Glaucony and Sequence Stratigraphy: A Conceptual Framework of Distribution in Siliciclastic Sequences. Journal of Sedimentary Research, 1995, Vol. 65B, .	0.8	42
112	Predictive Diagenetic Clay-Mineral Distribution in Siliciclastic Rocks within a Sequence Stratigraphic Framework. , 0, , 43-61.		14
113	Factors controlling natural subsidence in the Po Plain. Proceedings of the International Association of Hydrological Sciences, 0, 382, 285-290.	1.0	5