## Massimiliano Ghinassi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Downstream-migrating fluvial point bars in the rock record. Sedimentary Geology, 2016, 334, 66-96.	2.1	122
2	Planform architecture, stratigraphic signature and morphodynamics of an exhumed Jurassic meander plain (Scalby Formation, Yorkshire, <scp>UK</scp> ). Sedimentology, 2014, 61, 1923-1960.	3.1	116
3	Planâ€form evolution of ancient meandering rivers reconstructed from longitudinal outcrop sections. Sedimentology, 2014, 61, 952-977.	3.1	83
4	Spatial variation of salt-marsh organic and inorganic deposition and organic carbon accumulation: Inferences from the Venice lagoon, Italy. Advances in Water Resources, 2016, 93, 276-287.	3.8	80
5	Gilbertâ€type deltas recording shortâ€term baseâ€level changes: Deltaâ€brink morphodynamics and related foreset facies. Sedimentology, 2015, 62, 1923-1949.	3.1	67
6	Field migration rates of tidal meanders recapitulate fluvial morphodynamics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1463-1468.	7.1	66
7	Chute channels in the Holocene highâ€sinuosity river deposits of the Firenze plain, Tuscany, Italy. Sedimentology, 2011, 58, 618-642.	3.1	54
8	Pleistocene environments and human presence in the middle Atbara valley (Khashm El Girba, Eastern) Tj ETQq0 C	0 rgBT /O	verlock 10 Ti
9	Reciprocal Changes In Foreset To Bottomset Facies In A Gilbert-Type Delta: Response To Short-Term Changes In Base Level. Journal of Sedimentary Research, 2014, 84, 1079-1095.	1.6	53
10	Changes in the windâ€wave field and related saltâ€marsh lateral erosion: inferences from the evolution of the Venice Lagoon in the last four centuries. Earth Surface Processes and Landforms, 2019, 44, 1633-1646.	2.5	52
11	Planview style and palaeodrainage of Torridonian channel belts: Applecross Formation, Stoer Peninsula, Scotland. Sedimentary Geology, 2015, 325, 1-16.	2.1	48
12	Morphometric convergence between Proterozoic and post-vegetation rivers. Nature Communications, 2017, 8, 15250.	12.8	44
13	Arid climate 2.5 Ma in the Plio-Pleistocene Valdarno Basin (Northern Apennines, Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 207, 37-57.	2.3	43

- 14Remotely-sensed planform morphologies reveal fluvial and tidal nature of meandering channels.<br/>Scientific Reports, 2020, 10, 54.3.34115The effects of differential subsidence and coastal topography on high-order transgressive–regressive<br/>Cycles: Pliocene nearshore deposits of the Val d'Orcia Basin, Northern Apennines, Italy. Sedimentary2.139
- 16 Stratal Architecture and Morphodynamics of Downstream-Migrating Fluvial Point Bars (Jurassic) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50 14

17	Palaeoenvironments of the Buia Homo site: High-resolution facies analysis and non-marine sequence stratigraphy in the Alat formation (Pleistocene Dandiero Basin, Danakil depression, Eritrea). Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 415-431.	2.3	37
18	Aggradation and lateral migration shaping geometry of a tidal point bar: An example from salt marshes of the Northern Venice Lagoon (Italy). Sedimentary Geology, 2016, 343, 141-155.	2.1	36

#	Article	IF	CITATIONS
19	Fault-sourced alluvial fans and their interaction with axial fluvial drainage: An example from the Plio-Pleistocene Upper Valdarno Basin (Tuscany, Italy). Sedimentary Geology, 2013, 289, 19-39.	2.1	35
20	Fluvial floodplains prior to greening of the continents: Stratigraphic record, geodynamic setting, and modern analogues. Sedimentary Geology, 2018, 372, 140-172.	2.1	35
21	Development of an incised valleyâ€fill at an evolving rift margin: Pleistocene eustasy and tectonics on the southern side of the Gulf of Corinth, Greece. Sedimentology, 2014, 61, 1086-1119.	3.1	32
22	Deeply channelled Precambrian rivers: Remote sensing and outcrop evidence from the 1.2 Ga Stoer Group of NW Scotland. Precambrian Research, 2016, 281, 291-311.	2.7	32
23	Tidal meander migration and dynamics: A case study from the Venice Lagoon. Marine and Petroleum Geology, 2017, 87, 80-90.	3.3	29
24	Climatic and Tectonic Signature in the Fluvial Infill of a Late Pliocene Valley (Siena Basin, Northern) Tj ETQq0 0 0 i	gBT_/Over	lock 10 Tf 50
25	Morphodynamic evolution and stratal architecture of translating tidal point bars: Inferences from the northern Venice Lagoon (Italy). Sedimentology, 2018, 65, 1354-1377.	3.1	28
26	An integrated study of the Homo -bearing Aalat stratigraphic section (Eritrea): An expanded continental record at the Early–Middle Pleistocene transition. Journal of African Earth Sciences, 2015, 112, 163-185.	2.0	27
27	Geophysical investigations unravel the vestiges of ancient meandering channels and their dynamics in tidal landscapes. Scientific Reports, 2018, 8, 1708.	3.3	23
28	The Late Pleistocene clastic deposits in the Romito Cave, southern Italy: a proxy record of environmental changes and human presence. Journal of Quaternary Science, 2009, 24, 383-398.	2.1	22
29	Shoreline fluctuations of Lake Hayk (northern Ethiopia) during the last 3500years: Geomorphological, sedimentary, and isotope records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 365-366, 209-226.	2.3	22
30	Tectonically driven deposition and landscape evolution within upland incised valleys: Ambra Valley fill, Pliocene–Pleistocene, Tuscany, Italy. Sedimentology, 2015, 62, 897-927.	3.1	22
31	Threeâ€Dimensional Flow Structures and Morphodynamic Evolution of Microtidal Meandering Channels. Water Resources Research, 2020, 56, e2020WR027822.	4.2	22
32	Tidal Flow Asymmetry and Discharge of Lateral Tributaries Drive the Evolution of a Microtidal Meander in the Venice Lagoon (Italy). Journal of Geophysical Research F: Earth Surface, 2019, 124, 3043-3066.	2.8	21
33	Precambrian snapshots: Morphodynamics of Torridonian fluvial braid bars revealed by threeâ€dimensional photogrammetry and outcrop sedimentology. Sedimentology, 2018, 65, 492-516.	3.1	20
34	Morphodynamic evolution and sedimentology of a microtidal meander bend of the Venice Lagoon (Italy). Marine and Petroleum Geology, 2018, 96, 391-404.	3.3	20
35	Point-bar brink and channel thalweg trajectories depicting interaction between vertical and lateral shifts of microtidal channels in the Venice Lagoon (Italy). Geomorphology, 2019, 342, 37-50.	2.6	19

A sedimentary model for early Palaeozoic fluvial fans, Alderney Sandstone Formation (Channel) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62

#	Article	IF	CITATIONS
37	Friction- and Inertia-Dominated Effluents In A Lacustrine, River-Dominated Deltaic Succession (Pliocene Upper Valdarno Basin, Italy). Journal of Sedimentary Research, 2016, 86, 1083-1101.	1.6	17
38	Stratigraphic context and taxonomic assessment of the large cercopithecoid (Primates, Mammalia) from the late Early Pleistocene palaeoanthropological site of Buia (Eritrea). Journal of Human Evolution, 2010, 59, 692-697.	2.6	15
39	Channel mobility drives a diverse stratigraphic architecture in the dryland Mojave River (California,) Tj ETQq1 1 0.	784314 rg 2.5	;BT_{0verlock
40	Planformâ€asymmetry and backwater effects on riverâ€cutoff kinematics and clustering. Earth Surface Processes and Landforms, 2021, 46, 357-370.	2.5	15
41	Numerical modeling of tectonically driven river dynamics and deposition in an upland incised valley. Geomorphology, 2015, 241, 353-370.	2.6	14
42	Carbonate Deposition In Restricted Basins: A Pliocene Case Study From the Central Mediterranean (Northwestern Apennines), Italy. Journal of Sedimentary Research, 2016, 86, 236-267.	1.6	14
43	Onset of temperate carbonate sedimentation during transgression in a low-energy siliciclastic embayment (Pliocene of the Val d'Orcia Basin, Tuscany, Italy). Facies, 2010, 56, 353-368.	1.4	13
44	Latest evidence of <i>Palaeoamasia</i> (Mammalia, Embrithopoda) in Turkish Anatolia. Journal of Vertebrate Paleontology, 2014, 34, 1155-1164.	1.0	13
45	Evolution of the northern tip of Afar triangle: Inferences from the Quaternary succession of the Dandiero — Massawa area (Eritrea). Tectonophysics, 2017, 717, 339-357.	2.2	13
46	Tidal currents and wind waves controlling sediment distribution in a subtidal point bar of the Venice Lagoon (Italy). Sedimentology, 2019, 66, 2926-2949.	3.1	13
47	Piracy-controlled geometry of tide-dominated point bars: Combined evidence from ancient sedimentary successions and modern channel networks. Geomorphology, 2020, 370, 107402.	2.6	12
48	Stable isotope evidence for rapid uplift of the central Apennines since the late Pliocene. Earth and Planetary Science Letters, 2020, 544, 116376.	4.4	12
49	Reading tidal processes where their signature is cryptic: TheÂMaastrichtian meandering channel deposits of the TrempÂFormation (Southern Pyrenees, Spain). Sedimentology, 2021, 68, 2009-2042.	3.1	12
50	Morphodynamics and facies architecture of streamflow-dominated, sand-rich alluvial fans, Pleistocene Upper Valdarno Basin, Italy. Geological Society Special Publication, 2018, 440, 175-200.	1.3	11
51	Geophysical and Sedimentological Investigations Integrate Remote-Sensing Data to Depict Geometry of Fluvial Sedimentary Bodies: An Example from Holocene Point-Bar Deposits of the Venetian Plain (Italy). Remote Sensing, 2020, 12, 2568.	4.0	11
52	Facies associations of the northern Dandiero Basin (Danakil depression, Eritrea, including the) Tj ETQq0 0 0 rgBT	/Overlock 2.0	10 Tf 50 142
53	Detecting the Delayed Signatures of Changing Sediment Supply in Salt-Marsh Landscapes: The Case of the Venice Lagoon (Italy). Frontiers in Marine Science, 2021, 8, .	2.5	10

 $_{54}$  Geological map of Pliocene-Pleistocene deposits of the Ambra and Ombrone valleys (Northern Siena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf

#	ARTICLE	IF	CITATIONS
55	Impact of genesis and abandonment processes of a fluvial meander on geometry and grain-size distribution of the associated point bar (Venetian Plain, Italy). Marine and Petroleum Geology, 2021, 127, 104951.	3.3	9
56	Latest Holocene depositional history of the southern Venice Lagoon, Italy. Holocene, 2017, 27, 1731-1744.	1.7	8
57	Morphoâ€sedimentary evolution of a microtidal meandering channel driven by 130 years of natural and anthropogenic modifications of the Venice Lagoon (Italy). Earth Surface Processes and Landforms, 2022, 47, 2580-2596.	2.5	8
58	Pleistocene paleosol development and paleoenvironmental dynamics in East Africa: A multiproxy record from the Homo-bearing Aalat pedostratigraphic succession, Dandiero basin (Eritrea). Quaternary Science Reviews, 2018, 191, 275-298.	3.0	6
59	An integrated approach to determine threeâ€dimensional accretion geometries of tidal point bars: Examples from the Venice Lagoon (Italy). Sedimentology, 2021, 68, 449-476.	3.1	6
60	Sedimentology of a hypertidal point bar (Montâ€Saintâ€Michel Bay, northâ€western France) revealed by combining lidar timeâ€series and sedimentary core data. Sedimentology, 2022, 69, 1179-1208.	3.1	6
61	Reconstruction of an extreme flood hydrograph and morphodynamics of a meander bend in a highâ€peak discharge variability river (Powder River, USA). Sedimentology, 2021, 68, 3549-3576.	3.1	4
62	Distinguishing midâ€channel and bankâ€attached fluvial bars by flow divergence: Implications for the interpretation of stratigraphic records. Sedimentology, 2021, 68, 2783-2797.	3.1	3
63	From electromagnetic to sediment textural maps: an integrated approach to unravel the intra-point-bar variability of sediment properties. Journal of the Geological Society, 0, , jgs2021-156.	2.1	3
64	Ontogeny of a subtidal point bar in the microtidal Venice Lagoon (Italy) revealed by threeâ€dimensional architectural analyses. Sedimentology, 0, , .	3.1	2
65	Climatic and Hydrologic Changes in Northern Ethiopia in the last 3,500ÂYears: Evidence from the Geomorphic, Stratigraphic, and Geochemical Archives of Hayk Lake. World Geomorphological Landscapes, 2015, , 239-250.	0.3	0
66	Lifecycle of an Intermontane Plio-Pleistocene Fluvial Valley of the Northern Apennines: From Marine-Driven Incision to Tectonic Segmentation and Infill. Geosciences (Switzerland), 2021, 11, 141.	2.2	0