

# Massimiliano Ghinassi

## List of Publications by Year in descending order

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66  
papers

1,954  
citations

236833

25  
h-index

302012

39  
g-index

86  
all docs

86  
docs citations

86  
times ranked

1451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Downstream-migrating fluvial point bars in the rock record. <i>Sedimentary Geology</i> , 2016, 334, 66-96.	1.0	122
2	Planform architecture, stratigraphic signature and morphodynamics of an exhumed Jurassic meander plain (Scalby Formation, Yorkshire, <scp>UK</scp>). <i>Sedimentology</i> , 2014, 61, 1923-1960.	1.6	116
3	Planform evolution of ancient meandering rivers reconstructed from longitudinal outcrop sections. <i>Sedimentology</i> , 2014, 61, 952-977.	1.6	83
4	Spatial variation of salt-marsh organic and inorganic deposition and organic carbon accumulation: Inferences from the Venice lagoon, Italy. <i>Advances in Water Resources</i> , 2016, 93, 276-287.	1.7	80
5	Gilbert-type deltas recording short-term base-level changes: Delta-brink morphodynamics and related foreset facies. <i>Sedimentology</i> , 2015, 62, 1923-1949.	1.6	67
6	Field migration rates of tidal meanders recapitulate fluvial morphodynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1463-1468.	3.3	66
7	Chute channels in the Holocene high-sinuosity river deposits of the Firenze plain, Tuscany, Italy. <i>Sedimentology</i> , 2011, 58, 618-642.	1.6	54
8	Pleistocene environments and human presence in the middle Atbara valley (Khashm El Girba, Eastern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	1.8	53
9	Reciprocal Changes In Foreset To Bottomset Facies In A Gilbert-Type Delta: Response To Short-Term Changes In Base Level. <i>Journal of Sedimentary Research</i> , 2014, 84, 1079-1095.	0.8	53
10	Changes in the wind-wave field and related salt-marsh lateral erosion: inferences from the evolution of the Venice Lagoon in the last four centuries. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1633-1646.	1.2	52
11	Planview style and palaeodrainage of Torridonian channel belts: Applecross Formation, Stoer Peninsula, Scotland. <i>Sedimentary Geology</i> , 2015, 325, 1-16.	1.0	48
12	Morphometric convergence between Proterozoic and post-vegetation rivers. <i>Nature Communications</i> , 2017, 8, 15250.	5.8	44
13	Arid climate 2.5 Ma in the Plio-Pleistocene Valdarno Basin (Northern Apennines, Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 207, 37-57.	1.0	43
14	Remotely-sensed planform morphologies reveal fluvial and tidal nature of meandering channels. <i>Scientific Reports</i> , 2020, 10, 54.	1.6	41
15	The effects of differential subsidence and coastal topography on high-order transgressive-regressive cycles: Pliocene nearshore deposits of the Val d'Orcia Basin, Northern Apennines, Italy. <i>Sedimentary Geology</i> , 2007, 202, 677-701.	1.0	39
16	Stratal Architecture and Morphodynamics of Downstream-Migrating Fluvial Point Bars (Jurassic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	0.8	38
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). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 415-431.	1.0	37
18	Aggradation and lateral migration shaping geometry of a tidal point bar: An example from salt marshes of the Northern Venice Lagoon (Italy). <i>Sedimentary Geology</i> , 2016, 343, 141-155.	1.0	36

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19	Fault-sourced alluvial fans and their interaction with axial fluvial drainage: An example from the Plio-Pleistocene Upper Valdarno Basin (Tuscany, Italy). <i>Sedimentary Geology</i> , 2013, 289, 19-39.	1.0	35
20	Fluvial floodplains prior to greening of the continents: Stratigraphic record, geodynamic setting, and modern analogues. <i>Sedimentary Geology</i> , 2018, 372, 140-172.	1.0	35
21	Development of an incised valley fill at an evolving rift margin: Pleistocene eustasy and tectonics on the southern side of the Gulf of Corinth, Greece. <i>Sedimentology</i> , 2014, 61, 1086-1119.	1.6	32
22	Deeply channelled Precambrian rivers: Remote sensing and outcrop evidence from the 1.2 Ga Stoer Group of NW Scotland. <i>Precambrian Research</i> , 2016, 281, 291-311.	1.2	32
23	Tidal meander migration and dynamics: A case study from the Venice Lagoon. <i>Marine and Petroleum Geology</i> , 2017, 87, 80-90.	1.5	29
24	Climatic and Tectonic Signature in the Fluvial Infill of a Late Pliocene Valley (Siena Basin, Northern Tuscany). <i>Journal of Geophysical Research</i> , 2018, 123, 10,788-10,800.	0.8	28
25	Morphodynamic evolution and stratal architecture of translating tidal point bars: Inferences from the northern Venice Lagoon (Italy). <i>Sedimentology</i> , 2018, 65, 1354-1377.	1.6	28
26	An integrated study of the Homo-bearing Aalat stratigraphic section (Eritrea): An expanded continental record at the Early-Middle Pleistocene transition. <i>Journal of African Earth Sciences</i> , 2015, 112, 163-185.	0.9	27
27	Geophysical investigations unravel the vestiges of ancient meandering channels and their dynamics in tidal landscapes. <i>Scientific Reports</i> , 2018, 8, 1708.	1.6	23
28	The Late Pleistocene clastic deposits in the Romito Cave, southern Italy: a proxy record of environmental changes and human presence. <i>Journal of Quaternary Science</i> , 2009, 24, 383-398.	1.1	22
29	Shoreline fluctuations of Lake Hayk (northern Ethiopia) during the last 3500 years: Geomorphological, sedimentary, and isotope records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 365-366, 209-226.	1.0	22
30	Tectonically driven deposition and landscape evolution within upland incised valleys: Ambra Valley fill, Pliocene-Pleistocene, Tuscany, Italy. <i>Sedimentology</i> , 2015, 62, 897-927.	1.6	22
31	Three-dimensional Flow Structures and Morphodynamic Evolution of Microtidal Meandering Channels. <i>Water Resources Research</i> , 2020, 56, e2020WR027822.	1.7	22
32	Tidal Flow Asymmetry and Discharge of Lateral Tributaries Drive the Evolution of a Microtidal Meander in the Venice Lagoon (Italy). <i>Journal of Geophysical Research: Earth Surface</i> , 2019, 124, 3043-3066.	1.0	21
33	Precambrian snapshots: Morphodynamics of Torridonian fluvial braid bars revealed by three-dimensional photogrammetry and outcrop sedimentology. <i>Sedimentology</i> , 2018, 65, 492-516.	1.6	20
34	Morphodynamic evolution and sedimentology of a microtidal meander bend of the Venice Lagoon (Italy). <i>Marine and Petroleum Geology</i> , 2018, 96, 391-404.	1.5	20
35	Point-bar brink and channel thalweg trajectories depicting interaction between vertical and lateral shifts of microtidal channels in the Venice Lagoon (Italy). <i>Geomorphology</i> , 2019, 342, 37-50.	1.1	19
36	A sedimentary model for early Palaeozoic fluvial fans, Alderney Sandstone Formation (Channel Islands). <i>Journal of Geophysical Research</i> , 2018, 123, 10,788-10,800.	1.0	18

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37	Friction- and Inertia-Dominated Effluents In A Lacustrine, River-Dominated Deltaic Succession (Pliocene Upper Valdarno Basin, Italy). <i>Journal of Sedimentary Research</i> , 2016, 86, 1083-1101.	0.8	17
38	Stratigraphic context and taxonomic assessment of the large cercopithecoid (Primates, Mammalia) from the late Early Pleistocene palaeoanthropological site of Buia (Eritrea). <i>Journal of Human Evolution</i> , 2010, 59, 692-697.	1.3	15
39	Channel mobility drives a diverse stratigraphic architecture in the dryland Mojave River (California.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142</i>	1.2	15
40	Planformâ€asymmetry and backwater effects on riverâ€cutoff kinematics and clustering. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 357-370.	1.2	15
41	Numerical modeling of tectonically driven river dynamics and deposition in an upland incised valley. <i>Geomorphology</i> , 2015, 241, 353-370.	1.1	14
42	Carbonate Deposition In Restricted Basins: A Pliocene Case Study From the Central Mediterranean (Northwestern Apennines), Italy. <i>Journal of Sedimentary Research</i> , 2016, 86, 236-267.	0.8	14
43	Onset of temperate carbonate sedimentation during transgression in a low-energy siliciclastic embayment (Pliocene of the Val dâ€™Orcia Basin, Tuscany, Italy). <i>Facies</i> , 2010, 56, 353-368.	0.7	13
44	Latest evidence of <i>Palaeoamasia</i> (Mammalia, Embrithopoda) in Turkish Anatolia. <i>Journal of Vertebrate Paleontology</i> , 2014, 34, 1155-1164.	0.4	13
45	Evolution of the northern tip of Afar triangle: Inferences from the Quaternary succession of the Dandiero â€™ Massawa area (Eritrea). <i>Tectonophysics</i> , 2017, 717, 339-357.	0.9	13
46	Tidal currents and wind waves controlling sediment distribution in a subtidal point bar of the Venice Lagoon (Italy). <i>Sedimentology</i> , 2019, 66, 2926-2949.	1.6	13
47	Piracy-controlled geometry of tide-dominated point bars: Combined evidence from ancient sedimentary successions and modern channel networks. <i>Geomorphology</i> , 2020, 370, 107402.	1.1	12
48	Stable isotope evidence for rapid uplift of the central Apennines since the late Pliocene. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116376.	1.8	12
49	Reading tidal processes where their signature is cryptic: The Maastrichtian meandering channel deposits of the Trespâ€™Formation (Southern Pyrenees, Spain). <i>Sedimentology</i> , 2021, 68, 2009-2042.	1.6	12
50	Morphodynamics and facies architecture of streamflow-dominated, sand-rich alluvial fans, Pleistocene Upper Valdarno Basin, Italy. <i>Geological Society Special Publication</i> , 2018, 440, 175-200.	0.8	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). <i>Remote Sensing</i> , 2020, 12, 2568.	1.8	11
52	Facies associations of the northern Dandiero Basin (Danakil depression, Eritrea, including the) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142</i>	1.0	10
53	Detecting the Delayed Signatures of Changing Sediment Supply in Salt-Marsh Landscapes: The Case of the Venice Lagoon (Italy). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
54	Geological map of Pliocene-Pleistocene deposits of the Ambra and Ombrone valleys (Northern Siena) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142</i>	1.0	10

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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). <i>Marine and Petroleum Geology</i> , 2021, 127, 104951.	1.5	9
56	Latest Holocene depositional history of the southern Venice Lagoon, Italy. <i>Holocene</i> , 2017, 27, 1731-1744.	0.9	8
57	Morpho-sedimentary evolution of a microtidal meandering channel driven by 1300 years of natural and anthropogenic modifications of the Venice Lagoon (Italy). <i>Earth Surface Processes and Landforms</i> , 2022, 47, 2580-2596.	1.2	8
58	Pleistocene paleosol development and paleoenvironmental dynamics in East Africa: A multiproxy record from the Homo-bearing Aalat pedostratigraphic succession, Dandiero basin (Eritrea). <i>Quaternary Science Reviews</i> , 2018, 191, 275-298.	1.4	6
59	An integrated approach to determine three-dimensional accretion geometries of tidal point bars: Examples from the Venice Lagoon (Italy). <i>Sedimentology</i> , 2021, 68, 449-476.	1.6	6
60	Sedimentology of a hypertidal point bar (Mont-Saint-Michel Bay, northwestern France) revealed by combining lidar time-series and sedimentary core data. <i>Sedimentology</i> , 2022, 69, 1179-1208.	1.6	6
61	Reconstruction of an extreme flood hydrograph and morphodynamics of a meander bend in a high-peak discharge variability river (Powder River, USA). <i>Sedimentology</i> , 2021, 68, 3549-3576.	1.6	4
62	Distinguishing mid-channel and bank-attached fluvial bars by flow divergence: Implications for the interpretation of stratigraphic records. <i>Sedimentology</i> , 2021, 68, 2783-2797.	1.6	3
63	From electromagnetic to sediment textural maps: an integrated approach to unravel the intra-point-bar variability of sediment properties. <i>Journal of the Geological Society</i> , 0, , jgs2021-156.	0.9	3
64	Ontogeny of a subtidal point bar in the microtidal Venice Lagoon (Italy) revealed by three-dimensional architectural analyses. <i>Sedimentology</i> , 0, , .	1.6	2
65	Climatic and Hydrologic Changes in Northern Ethiopia in the last 3,500 Years: Evidence from the Geomorphic, Stratigraphic, and Geochemical Archives of Hayk Lake. <i>World Geomorphological Landscapes</i> , 2015, , 239-250.	0.1	0
66	Lifecycle of an Intermontane Plio-Pleistocene Fluvial Valley of the Northern Apennines: From Marine-Driven Incision to Tectonic Segmentation and Infill. <i>Geosciences (Switzerland)</i> , 2021, 11, 141.	1.0	0