

# Alessandro Ielpi

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,172  
citations

361413

20  
h-index

395702

33  
g-index

43  
all docs

43  
docs citations

43  
times ranked

752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Downstream-migrating fluvial point bars in the rock record. <i>Sedimentary Geology</i> , 2016, 334, 66-96.	2.1	122
2	Planform architecture, stratigraphic signature and morphodynamics of an exhumed Jurassic meander plain (Scalby Formation, Yorkshire, <sc>UK</sc>). <i>Sedimentology</i> , 2014, 61, 1923-1960.	3.1	116
3	A tenfold slowdown in river meander migration driven by plant life. <i>Nature Geoscience</i> , 2020, 13, 82-86.	12.9	82
4	Role of vegetation in shaping Early <sc>P</sc>ennsylvanian braided rivers: Architecture of the Boss Point Formation, <sc>A</sc>tantic <sc>C</sc>anada. <i>Sedimentology</i> , 2014, 61, 1659-1700.	3.1	51
5	Planview style and palaeodrainage of Torridonian channel belts: Applecross Formation, Stoer Peninsula, Scotland. <i>Sedimentary Geology</i> , 2015, 325, 1-16.	2.1	48
6	The impact of vegetation on meandering rivers. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 165-178.	29.7	47
7	Morphometric convergence between Proterozoic and post-vegetation rivers. <i>Nature Communications</i> , 2017, 8, 15250.	12.8	44
8	Architecture and morphodynamics of a 1.6 Ga fluvial sandstone: Ellice Formation of Elu Basin, Arctic Canada. <i>Sedimentology</i> , 2015, 62, 1950-1977.	3.1	40
9	Stratal Architecture and Morphodynamics of Downstream-Migrating Fluvial Point Bars (Jurassic) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	38
10	Reappraisal of Precambrian sheet-braided rivers: Evidence for 1.9 Ga deep-channelled drainage. <i>Sedimentology</i> , 2016, 63, 1550-1581.	3.1	35
11	Fluvial floodplains prior to greening of the continents: Stratigraphic record, geodynamic setting, and modern analogues. <i>Sedimentary Geology</i> , 2018, 372, 140-172.	2.1	35
12	Model for the Formation of Single-Thread Rivers in Barren Landscapes and Implications for Pre-Silurian and Martian Fluvial Deposits. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2757-2777.	2.8	35
13	Anatomy of major coal successions: Facies analysis and sequence architecture of a brown coal-bearing valley fill to lacustrine tract (Upper Valdarno Basin, Northern Apennines, Italy). <i>Sedimentary Geology</i> , 2012, 265-266, 163-181.	2.1	33
14	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.	2.7	32
15	The Pace of Fluvial Meanders on Mars and Implications for the Western Delta Deposits of Jezero Crater. <i>AGU Advances</i> , 2020, 1, e2019AV000141.	5.4	31
16	Impact of Vegetation On Early Pennsylvanian Fluvial Channels: Insight From the Joggins Formation of Atlantic Canada. <i>Journal of Sedimentary Research</i> , 2015, 85, 999-1018.	1.6	30
17	Global zircon analysis records a gradual rise of continental crust throughout the Neoproterozoic. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116654.	4.4	29
18	Morphodynamics of meandering streams devoid of plant life: Amargosa River, Death Valley, California. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 782-802.	3.3	25

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19	Highly Variable Precambrian Fluvial Style Recorded In the Nelson Head Formation of Brock Inlier (Northwest Territories, Canada). <i>Journal of Sedimentary Research</i> , 2016, 86, 199-216.	1.6	23
20	Sedimentology and stratigraphy of the type section of the Pennsylvanian Boss Point Formation, Joggins Fossil Cliffs, Nova Scotia, Canada. <i>Atlantic Geology</i> , 2015, 51, 001.	0.2	22
21	Fluvial channel-belts, floodbasins, and aeolian ergs in the Precambrian Meall Dearg Formation (Torridonian of Scotland): Inferring climate regimes from pre-vegetation clastic rock records. <i>Sedimentary Geology</i> , 2017, 357, 53-71.	2.1	20
22	Precambrian snapshots: Morphodynamics of Torridonian fluvial braid bars revealed by three-dimensional photogrammetry and outcrop sedimentology. <i>Sedimentology</i> , 2018, 65, 492-516.	3.1	20
23	A sedimentary model for early Palaeozoic fluvial fans, Alderney Sandstone Formation (Channel) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	2.1	18
24	Barren Meandering Streams in the Modern Toiyabe Basin of Nevada, U.S.A., and Their Relevance To the Study of the Pre-vegetation Rock Record. <i>Journal of Sedimentary Research</i> , 2019, 89, .	1.6	17
25	Biotic forcing militates against river meandering in the modern Bonneville Basin of Utah. <i>Sedimentology</i> , 2019, 66, 1896-1929.	3.1	17
26	Controls on sinuosity in the sparsely vegetated FossÁilar River, southern Iceland. <i>Geomorphology</i> , 2017, 286, 93-109.	2.6	16
27	Geological map of the Chianti Mts (Northern Apennines, Italy). <i>Journal of Maps</i> , 2012, 8, 22-32.	2.0	15
28	Channel mobility drives a diverse stratigraphic architecture in the dryland Mojave River (California,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	15
29	Planformâ€symmetry and backwater effects on riverâ€cutoff kinematics and clustering. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 357-370.	2.5	15
30	Lateral accretion of modern unvegetated rivers: remotely sensed fluvialâ€aeolian morphodynamics and perspectives on the Precambrian rock record. <i>Geological Magazine</i> , 2017, 154, 609-624.	1.5	14
31	Piracy-controlled geometry of tide-dominated point bars: Combined evidence from ancient sedimentary successions and modern channel networks. <i>Geomorphology</i> , 2020, 370, 107402.	2.6	12
32	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.	1.3	11
33	River functioning prior to the rise of land plants: A uniformitarian outlook. <i>Terra Nova</i> , 2018, 30, 341-349.	2.1	11
34	Geological map of the Santa Barbara Basin (Northern Apennines, Italy). <i>Journal of Maps</i> , 2011, 7, 614-625.	2.0	10
35	An outer ramp to basin plain transect: Interacting pelagic and calciturbidite deposition in the Eoceneâ€Oligocene of the Tuscan Domain, Adria Microplate (Italy). <i>Sedimentary Geology</i> , 2013, 294, 83-104.	2.1	8
36	Planform and stratigraphic signature of proximal braided streams: remote-sensing and ground-penetrating-radar analysis of the Kicking Horse River, Canadian Rocky Mountains. <i>Journal of Sedimentary Research</i> , 2020, 90, 131-149.	1.6	6

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37	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.	3.1	3
38	A reappraisal of the Nonacho Basin (Northwest Territories, Canada): Record of post-orogenic collapse and marine flooding in the Palaeoproterozoic of the Rae Craton. <i>Precambrian Research</i> , 2021, 358, 106140.	2.7	3
39	Geology of Elu Inlet and Melville Sound, Nunavut, Arctic Canada. <i>Journal of Maps</i> , 2017, 13, 124-132.	2.0	2
40	Detrital-zircon provenance of a Torridonian fluvial-aeolian sandstone: The 1.2 Ga Meall Dearg Formation, Stoer Group (Scotland). <i>Precambrian Research</i> , 2020, 346, 105822.	2.7	2
41	The initiation of the Mesoproterozoic Bylot basins (Nunavut, Arctic Canada) as recorded in the Nyeboe Formation, Fury and Hecla Group. <i>Journal of Sedimentary Research</i> , 2021, 91, 1166-1187.	1.6	1
42	Mars as a time machine to Precambrian Earth. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	1