

# Gian Andrea Pini

## List of Publications by Year in descending order

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39  
papers

1,913  
citations

279798

23  
h-index

289244

40  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mélanges and mélange-forming processes: a historical overview and new concepts. <i>International Geology Review</i> , 2010, 52, 1040-1105.	2.1	262
2	Mechanisms and processes of stratal disruption and mixing in the development of mélanges and broken formations: Redefining and classifying mélanges. <i>Tectonophysics</i> , 2012, 568-569, 7-24.	2.2	141
3	Anatomy and emplacement mechanism of a large submarine slide within a Miocene foredeep in the northern Apennines, Italy: A field perspective. <i>Numerische Mathematik</i> , 2003, 303, 565-602.	1.4	134
4	Origin and significance of olistostromes in the evolution of orogenic belts: A global synthesis. <i>Gondwana Research</i> , 2016, 39, 180-203.	6.0	127
5	Diagnostic features and field-criteria in recognition of tectonic, sedimentary and diapiric mélanges in orogenic belts and exhumed subduction-accretion complexes. <i>Gondwana Research</i> , 2019, 74, 7-30.	6.0	106
6	Mud volcanoes, olistostromes and Argille scagliose in the Mediterranean region. <i>Sedimentology</i> , 2009, 56, 319-365.	3.1	95
7	Mass transport-related stratal disruption within sedimentary mélanges: Examples from the northern Apennines (Italy) and south-central Pyrenees (Spain). <i>Tectonophysics</i> , 2012, 568-569, 185-199.	2.2	88
8	Basin-wide mass-wasting complexes as markers of the Oligo-Miocene foredeep-accretionary wedge evolution in the Northern Apennines, Italy. <i>Basin Research</i> , 2008, 20, 49-71.	2.7	79
9	Shear zone liquefaction in mass transport deposit emplacement: A multi-scale integration of seismic reflection and outcrop data. <i>Marine Geology</i> , 2014, 356, 50-64.	2.1	65
10	Use of $T_{max}$ as a thermal maturity indicator in orogenic successions and comparison with clay mineral evolution. <i>Clay Minerals</i> , 2010, 45, 115-130.	0.6	63
11	The carbonate mass transport deposits of the Paleogene Friuli Basin (Italy/Slovenia): Internal anatomy and inferred genetic processes. <i>Marine Geology</i> , 2014, 356, 88-110.	2.1	57
12	Peri-Adriatic mélanges and their evolution in the Tethyan realm. <i>International Geology Review</i> , 2010, 52, 369-403.	2.1	51
13	Structural anatomy of the Ligurian accretionary wedge (Monferrato, NW Italy), and evolution of superposed melanges. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 1580-1598.	3.3	44
14	Late Oligocene-early Miocene olistostromes (sedimentary mélanges) as tectono-stratigraphic constraints to the geodynamic evolution of the exhumed Ligurian accretionary complex (Northern Apennines, Italy). <i>Tectonophysics</i> , 2012, 568-569, 170-184.	2.2	42
15	Tectonosomes and olistostromes in the argille scagliose of the Northern Apennines, Italy. <i>Tectonophysics</i> , 1999, 161, 1-14.		42
16	Small-scale polygenetic mélanges in the Ligurian accretionary complex, Northern Apennines, Italy, and the role of shale diapirism in superposed mélange evolution in orogenic belts. <i>Tectonophysics</i> , 2012, 568-569, 170-184.	2.2	42
17	Methane seepages recorded in benthic foraminifera from Miocene seep carbonates, Northern Apennines (Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 284, 271-282.	2.3	36
18	The role of tectonic shear strain on the illitization mechanism of mixed-layers illite-smectite. A case study from a fault zone in the Northern Apennines, Italy. <i>International Journal of Earth Sciences</i> , 2008, 97, 601-616.	1.8	35

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19	Substrate deformation and incorporation in sedimentary mélanges (olistostromes): Examples from the northern Apennines (Italy) and northwestern Dinarides (Slovenia). <i>Gondwana Research</i> , 2019, 74, 101-125.	6.0	32
20	Does subduction of mass transport deposits (MTDs) control seismic behavior of shallow-level megathrusts at convergent margins?. <i>Gondwana Research</i> , 2018, 60, 186-193.	6.0	31
21	Thermal history and exhumation of the Northern Apennines (Italy): evidence from combined apatite fission track and vitrinite reflectance data from foreland basin sediments. <i>Basin Research</i> , 2001, 13, 435-448.	2.7	29
22	Venting and seepage systems associated with mud volcanoes and mud diapirs in the southern Tyrrhenian Sea. <i>Marine Geology</i> , 2014, 347, 153-171.	2.1	28
23	Late Miocene seep-carbonates and fluid migration on top of the Montepetra intrabasinal high (Northern Apennines, Italy): Relations with synsedimentary folding. <i>Sedimentary Geology</i> , 2010, 231, 41-54.	2.1	24
24	Effect of unbalanced topography and overloading on Coulomb wedge kinematics: Insights from sandbox modeling. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	22
25	Sedimentary Mélanges and Fossil Mass-Transport Complexes: A Key for Better Understanding Submarine Mass Movements?. , 2012, , 585-594.		18
26	Mélanges and chaotic rock units: Implications for exhumed subduction complexes and orogenic belts. <i>Geosystems and Geoenvironment</i> , 2022, 1, 100030.	3.2	17
27	Role of preexisting topography and overburden on strain partitioning of oblique doubly vergent convergent wedges. <i>Tectonics</i> , 2005, 24, n/a-n/a.	2.8	14
28	Polygenetic mélanges: a glimpse on tectonic, sedimentary and diapiric recycling in convergent margins. <i>Journal of the Geological Society</i> , 2020, 177, 551-561.	2.1	13
29	Progressive development of block-in-matrix fabric in a shale-dominated shear zone: Insights from the Bobbio Tectonic Window (Northern Apennines, Italy). <i>Tectonics</i> , 2012, 31, .	2.8	12
30	Relationships between seep-carbonates, mud volcanism and basin geometry in the Late Miocene of the northern Apennines of Italy: the Montardone mélanges. <i>International Journal of Earth Sciences</i> , 2014, 103, 281-295.	1.8	11
31	The Specchio Unit (Northern Apennines, Italy): An Ancient Mass Transport Complex Originated from Near-Coastal Areas in an Intra-Slope Setting. , 2012, , 595-605.		11
32	Effects of dehydration and grinding on the mechanical shear behaviour of Ca-rich montmorillonite. <i>Applied Clay Science</i> , 2018, 152, 239-248.	5.2	10
33	Mid-Eocene giant slope failure (sedimentary mélanges) in the Ligurian accretionary wedge (NW Italy) and relationships with tectonics, global climate change and the dissociation of gas hydrates. <i>Journal of the Geological Society</i> , 2020, 177, 575-586.	2.1	8
34	Meso-Scale Kinematic Indicators in Exhumed Mass Transport Deposits: Definitions and Implications. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 461-468.	1.1	8
35	First report of a polychelid lobster (Crustacea: Decapoda: Coleiidae) from the Early Cretaceous of Italy. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2012, 263, 47-55.	0.4	7
36	Mélanges in flysch-type formations: Reviewing geological constraints for a better understanding of complex formations with block-in-matrix fabric. <i>Engineering Geology</i> , 2021, 293, 106289.	6.3	7

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37	A Geophysical-Geochemical Approach to the Study of the Paleogene Julianâ€”Slovenian Basin â€œMegabedsâ€”(Southern Alpsâ€”Northwestern Dinarides, Italy/Slovenia). <i>Geosciences (Switzerland)</i> , 2019, 9, 155.	2.2	6
38	High-Resolution Studies of Mass Transport Deposits: Outcrop Perspective for Understanding Modern Submarine Slope Failure and Associated Natural Hazards. , 2014, , 209-213.		2
39	Chapter C2 Integrated stratigraphy (biostratigraphy and geochronology) of the early miocene sequence from the emilian apennines (Italy). <i>Developments in Palaeontology and Stratigraphy</i> , 1995, 15, 221-247.	0.1	0