Gian Andrea Pini

List of Publications by Year
in descending order

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	MÃ©langes and chaotic rock units: Implications for exhumed subduction complexes and orogenic belts. Geosystems and Geoenvironment, 2022, 1, 100030.	3.2	17
2	MÃ©langes in flysch-type formations: Reviewing geological constraints for a better understanding of complex formations with block-in-matrix fabric. Engineering Geology, 2021, 293, 106289.	6.3	7
3	Mid-Eocene giant slope failure (sedimentary mÃ©langes) in the Ligurian accretionary wedge (NW Italy) and relationships with tectonics, global climate change and the dissociation of gas hydrates. Journal of the Geological Society, 2020, 177, 575-586.	2.1	8
4	Polygenetic mÃ©langes: a glimpse on tectonic, sedimentary and diapiric recycling in convergent margins. Journal of the Geological Society, 2020, 177, 551-561.	2.1	13
5	Diagnostic features and field-criteria in recognition of tectonic, sedimentary and diapiric mÃ©langes in orogenic belts and exhumed subduction-accretion complexes. Gondwana Research, 2019, 74, 7-30.	6.0	106
6	Substrate deformation and incorporation in sedimentary mÃ©langes (olistostromes): Examples from the northern Apennines (Italy) and northwestern Dinarides (Slovenia). Gondwana Research, 2019, 74, 101-125.	6.0	32
7	A Geophysical-Geochemical Approach to the Study of the Paleogene Julianâ€"Slovenian Basin â€œMegabedsâ€•(Southern Alpsâ€"Northwestern Dinarides, Italy/Slovenia). Geosciences (Switzerland), 2019, 9, 155.	2.2	6
8	Effects of dehydration and grinding on the mechanical shear behaviour of Ca-rich montmorillonite. Applied Clay Science, 2018, 152, 239-248.	5.2	10
9	Does subduction of mass transport deposits (MTDs) control seismic behavior of shallowâ€"level megathrusts at convergent margins?. Gondwana Research, 2018, 60, 186-193.	6.0	31
10	Origin and significance of olistostromes in the evolution of orogenic belts: A global synthesis. Gondwana Research, 2016, 39, 180-203.	6.0	127
11	Meso-Scale Kinematic Indicators in Exhumed Mass Transport Deposits: Definitions and Implications. Advances in Natural and Technological Hazards Research, 2016, , 461-468.	1.1	8
12	Late Oligoceneâ€"early Miocene olistostromes (sedimentary mÃ©langes) as tectono-stratigraphic constraints to the geodynamic evolution of the exhumed Ligurian accretionary complex (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	42
13	Shear zone liquefaction in mass transport deposit emplacement: A multi-scale integration of seismic reflection and outcrop data. Marine Geology, 2014, 356, 50-64.	2.1	65
14	Relationships between seep-carbonates, mud volcanism and basin geometry in the Late Miocene of the northern Apennines of Italy: the Montardone mÃ©lange. International Journal of Earth Sciences, 2014, 103, 281-295.	1.8	11
15	The carbonate mass transport deposits of the Paleogene Friuli Basin (Italy/Slovenia): Internal anatomy and inferred genetic processes. Marine Geology, 2014, 356, 88-110.	2.1	57
16	Venting and seepage systems associated with mud volcanoes and mud diapirs in the southern Tyrrhenian Sea. Marine Geology, 2014, 347, 153-171.	2.1	28
17	High-Resolution Studies of Mass Transport Deposits: Outcrop Perspective for Understanding Modern Submarine Slope Failure and Associated Natural Hazards. , 2014, , 209-213.		2
18	Structural anatomy of the Ligurian accretionary wedge (Monferrato, NW Italy), and evolution of superposed melanges. Bulletin of the Geological Society of America, 2013, 125, 1580-1598.	3.3	44

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19	First report of a polychelid lobster (Crustacea: Decapoda: Coleiidae) from the Early Cretaceous of Italy. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2012, 263, 47-55.	0.4	7
20	Mass transport-related stratal disruption within sedimentary mÃ©langes: Examples from the northern Apennines (Italy) and south-central Pyrenees (Spain). Tectonophysics, 2012, 568-569, 185-199.	2.2	88
21	Small-scale polygenetic mÃ©langes in the Ligurian accretionary complex, Northern Apennines, Italy, and the role of shale diapirism in superposed mÃ©lange evolution in orogenic belts. Tectonophysics, 2012, 568-569, 170-184.	2.2	42
22	Mechanisms and processes of stratal disruption and mixing in the development of mÃ©langes and broken formations: Redefining and classifying mÃ©langes. Tectonophysics, 2012, 568-569, 7-24.	2.2	141
23	Progressive development of blockâ€inâ€matrix fabric in a shaleâ€dominated shear zone: Insights from the Bobbio Tectonic Window (Northern Apennines, Italy). Tectonics, 2012, 31, .	2.8	12
24	Sedimentary MÃ©langes and Fossil Mass-Transport Complexes: A Key for Better Understanding Submarine Mass Movements?. , 2012, , 585-594.		18
25	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
26	Use ofT_{max}as a thermal maturity indicator in orogenic successions and comparison with clay mineral evolution. Clay Minerals, 2010, 45, 115-130.	0.6	63
27	Late Miocene seep-carbonates and fluid migration on top of the Montepetra intrabasinal high (Northern Apennines, Italy): Relations with synsedimentary folding. Sedimentary Geology, 2010, 231, 41-54.	2.1	24
28	Peri-Adriatic mÃ©langes and their evolution in the Tethyan realm. International Geology Review, 2010, 52, 369-403.	2.1	51
29	MÃ©langes and mÃ©lange-forming processes: a historical overview and new concepts. International Geology Review, 2010, 52, 1040-1105.	2.1	262
30	Mud volcanoes, olistostromes and Argille scagliose in the Mediterranean region. Sedimentology, 2009, 56, 319-365.	3.1	95
31	Methane seepages recorded in benthic foraminifera from Miocene seep carbonates, Northern Apennines (Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 284, 271-282.	2.3	36
32	The role of tectonic shear strain on the illitization mechanism of mixed-layers illiteâ€“smectite. A case study from a fault zone in the Northern Apennines, Italy. International Journal of Earth Sciences, 2008, 97, 601-616.	1.8	35
33	Basinâ€wide massâ€wasting complexes as markers of the Oligoâ€Miocene foredeepâ€accretionary wedge evolution in the Northern Apennines, Italy. Basin Research, 2008, 20, 49-71.	2.7	79
34	Role of preexisting topography and overburden on strain partitioning of oblique doubly vergent convergent wedges. Tectonics, 2005, 24, n/a-n/a.	2.8	14
35	Effect of unbalanced topography and overloading on Coulomb wedge kinematics: Insights from sandbox modeling. Journal of Geophysical Research, 2004, 109, .	3.3	22
36	Anatomy and emplacement mechanism of a large submarine slide within a Miocene foredeep in the northern Apennines, Italy: A field perspective. Numerische Mathematik, 2003, 303, 565-602.	1.4	134

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37	Thermal history and exhumation of the Northern Apennines (Italy): evidence from combined apatite fission track and vitrinite reflectance data from foreland basin sediments. Basin Research, 2001, 13, 435-448.	2.7	29
38	Tectonosomes and olistostromes in the argille scagliose of the Northern Apennines, Italy. , 1999, , .		42
39	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