Vincenzo Picotti

List of Publications by Year
in descending order

45	1,470	361296 20	315616 38
papers	citations	h-index	g-index

57	57	57	1639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From rifting to drifting: tectonic evolution of the South-Alpine upper crust from the Triassic to the Early Cretaceous. Sedimentary Geology, 1993, 86, 53-76.	1.0	293
2	Messinian climate change and erosional destruction of the central European Alps. Geology, 2006, 34, 613.	2.0	154
3	Extension controls Quaternary tectonics, geomorphology and sedimentation of the N-Appennies foothills and adjacent Po Plain (Italy). Tectonophysics, 1997, 282, 291-301.	0.9	76
4	Neogene to Quaternary sedimentary basins in the south Adriatic (Central Mediterranean): Foredeeps and lithospheric buckling. Tectonics, 2001, 20, 771-787.	1.3	73
5	Pliocene and Pleistocene exhumation and uplift of two key areas of the Northern Apennines. Quaternary International, 2003, 101-102, 67-73.	0.7	73
6	Sedimentary and biological response to sea-level and palaeoceanographic changes of a Lowerâ€“Middle Jurassic Tethyan platform margin (Southern Alps, Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 169, 219-244.	1.0	70
7	Fluid migration and origin of a mud volcano in the Northern Apennines (Italy): the role of deeply rooted normal faults. Terra Nova, 2002, 14, 363-370.	0.9	70
8	Thermomechanical evolution of the South Alpine rifted margin (North Italy): constraints on the strength of passive continental margins. Earth and Planetary Science Letters, 1997, 146, 181-193.	1.8	48
9	Thrust-fold activity at the mountain front of the Northern Apennines (Italy) from quantitative landscape analysis. Geomorphology, 2010, 123, 211-231.	1.1	48
10	Pliocene sequence stratigraphy, climatic trends and sapropel formation in the Northern Apennines (Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 190, 349-371.	1.0	45
11	Earthflow sediment production and Holocene sediment record in a large Apennine catchment. Geomorphology, 2013, 188, 42-53.	1.1	41
12	Gypsum caves as indicators of climate-driven river incision and aggradation in a rapidly uplifting region. Geology, 2015, 43, 539-542.	2.0	41
13	Discriminating between tectonic and sedimentary burial in a foredeep succession, Northern Apennines. Journal of the Geological Society, 2000, 157, 629-633.	0.9	39
14	A new model of the petroleum system in the Northern Apennines, Italy. Marine and Petroleum Geology, 2013, 48, 57-76.	1.5	38
15	Topographic expression of active faults in the foothills of the Northern Apennines. Tectonophysics, 2009, 474, 285-294.	0.9	35
16	Effects of sediment mixing on 10Be concentrations in the Zielbach catchment, central-eastern Italian Alps. Quaternary Geochronology, 2014, 19, 148-162.	0.6	31
17	Integrated stratigraphy (radiolarians and calcareous nannofossils) of the Middle to Upper Jurassic Alpine radiolarites (Lombardian Basin, Italy): Constraints to their genetic interpretation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 249, 233-270.	1.0	26
18	A genetic model of hydrocarbon-derived carbonate chimneys in shelfal fine-grained sediments: The Enza River field, Northern Apennines (Italy). Marine and Petroleum Geology, 2015, 66, 555-565.	1.5	24

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19	Spontaneous fluid emissions in the Northern Apennines: geochemistry, structures and implications for the petroleum system. Geological Society Special Publication, 2010, 348, 115-135.	0.8	23
20	Fault slip rate variability on 104â€“105yr timescales for the Salsomaggiore blind thrust fault, Northern Apennines, Italy. Tectonophysics, 2013, 608, 356-365.	0.9	23
21	Lithospheric weakening during â€œretroforelandâ€•basin formation: Tectonic evolution of the central South Alpine foredeep. Tectonics, 1998, 17, 131-142.	1.3	20
22	Neogene kinematics of the Giudicarie Belt and eastern Southern Alpine orogenic front (northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.2	18
23	Jurassic stratigraphy of the Belluno Basin and Friuli Platform: a perspective on far-field compression in the Adria passive margin. Swiss Journal of Geosciences, 2017, 110, 833-850.	0.5	16
24	Postglacial evolution of a formerly glaciated valley: Reconstructing sediment supply, fan building, and confluence effects at the millennial time scale. Bulletin of the Geological Society of America, 2018, 130, 1457-1473.	1.6	15
25	Microseismic Portrait of the Montello Thrust (Southeastern Alps, Italy) from a Dense Highâ€Quality Seismic Network. Seismological Research Letters, 0, , .	0.8	14
26	Productivity-generated annual laminae in mid-Pliocene sapropels deposited during precessionally forced periods of warmer Mediterranean climate. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 235, 208-222.	1.0	13
27	3â€D Architecture and Plioâ€Quaternary Evolution of the Paola Basin: Insights Into the Forearc of the Tyrrhenianâ€Ionian Subduction System. Tectonics, 2020, 39, e2019TC005898.	1.3	12
28	Spatial analysis of thickness variability applied to an Early Jurassic carbonate platform in the central Southern Alps (Italy): a tool to unravel synâ€sedimentary faulting. Terra Nova, 2014, 26, 239-246.	0.9	10
29	High-resolution seismic imaging of debris-flow fans, alluvial valley fills and hosting bedrock geometry in Vinschgau/Val Venosta, Eastern Italian Alps. Journal of Applied Geophysics, 2018, 157, 61-72.	0.9	10
30	Holocene evolution of halite caves in the Cordillera de la Sal (Central Atacama, Chile) in different climate conditions. Geomorphology, 2020, 370, 107398.	1.1	10
31	Change from rimmed to ramp platform forced by regional and global events in the Cretaceous of the Friuli-Adriatic Platform (Southern Alps, Italy). Cretaceous Research, 2019, 104, 104177.	0.6	9
32	Fluvial dynamics and ¹⁴Câ€¹⁰Be disequilibrium on the Bolivian Altiplano. Earth Surface Processes and Landforms, 2019, 44, 766-780.	1.2	8
33	Incorporating a Student-Centered Approach with Collaborative Learning into Methods in Quantitative Element Analysis. Journal of Chemical Education, 2020, 97, 3617-3623.	1.1	8
34	Deformation patterns of upper Quaternary strata and their relation to active tectonics, Po Basin, Italy. Sedimentology, 2021, 68, 402-424.	1.6	8
35	Controls on Physical and Chemical Denudation in a Mixed Carbonateâ€Siliciclastic Orogen. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006064.	1.0	6
36	Forensic investigations of the Cima Salti Landslide, northern Italy, using runout simulations. Geomorphology, 2018, 318, 172-186.	1.1	5

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37	Biomarker constraints on Mediterranean climate and ecosystem transitions during the Early-Middle Miocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 110092.	1.0	3
38	Stochastic alluvial fan and terrace formation triggered by a high-magnitude Holocene landslide in the Klados Gorge, Crete. Earth Surface Dynamics, 2021, 9, 771-793.	1.0	3
39	Mid-Pliocene warm climate and annual primary productivity peaks recorded in sapropel deposition. Climate Research, 2006, 31, 137-144.	0.4	3
40	Comment on: â€œUplift and contractional deformation along a segmented strike-slip fault system: the Gargano Promontory, southern Italyâ€•by C.M. Brankman and A. Aydin [Journal of Structural Geology, 26, 807â€“824]. Journal of Structural Geology, 2004, 26, 2325-2326.	1.0	2
41	Glacial Erosion Rates Determined at Vorab Glacier: Implications for the Evolution of Limestone Plateaus. Geosciences (Switzerland), 2021, 11, 356.	1.0	2
42	Effects of the Pliensbachianâ€“Toarcian Boundary Event on Carbonate Productivity of a Tethyan Platform and Slope. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	2
43	Messinian climate change and erosional destruction of the central European Alps: COMMENT AND REPLY: REPLY. Geology, 2007, 35, e131-e131.	2.0	1
44	Birth and closure of the Kallipetra Basin: Late Cretaceous reworking of the Jurassic Pelagonianâ€“Axios/Vardar contact (northern Greece). Solid Earth, 2020, 11, 2463-2485.	1.2	0
45	Dating the Irrigation System of the Samarkand Oasis: A Geoarchaeological Study. Radiocarbon, 2012, 54, 91-105.	0.8	0