Alps vs. Apennines: The paradigm of a tectonically asym

Earth-Science Reviews 112, 67-96

DOI: 10.1016/j.earscirev.2012.02.004

Citation Report

#	Article	IF	CITATIONS
1	Overview on the Strong-Motion Data Recorded during the May-June 2012 Emilia Seismic Sequence. Seismological Research Letters, 2013, 84, 629-644.	0.8	51
2	Local, regional, and plate scale sources for the stress field in the Adriatic and Periadriatic region. Marine and Petroleum Geology, 2013, 42, 160-181.	1.5	24
3	Fluid pressure, stress field and propagation style of coalescing thrusts from the analysis of the 20 May 2012 M <sub>L</sub> 5.9 Emilia earthquake (Northern Apennines, Italy). Terra Nova, 2013, 25, 72-78.	0.9	34
4	The Pliocene-Pleistocene stratigraphic and tectonic evolution of the Central sector of the Western Periadriatic Basin of Italy. Marine and Petroleum Geology, 2013, 42, 82-106.	1.5	43
5	The Geology of the Periadriatic basin and of the Adriatic Sea. Marine and Petroleum Geology, 2013, 42, 1-3.	1.5	1
6	Teleseisms as Estimators of Experimental Long-Period Site Amplification: Application to the Po Plain (Italy) for the 2011 Mw 9.0 Tohoku-Oki (Japan) Earthquake. Bulletin of the Seismological Society of America, 2013, 103, 2541-2556.	1.1	11
7	Mesozoic Syn- and Postrifting Evolution of the Central Apennines, Italy: The Role of Triassic Evaporites. Journal of Geology, 2013, 121, 327-354.	0.7	30
8	Finiteâ€difference <i>P</i> wave travel time seismic tomography of the crust and uppermost mantle in the Italian region. Geochemistry, Geophysics, Geosystems, 2014, 15, 69-88.	1.0	13
9	The role of drainage systems and intermontane basins in the Quaternary landscape of the Central Apennines chain (Italy). Rendiconti Lincei, 2014, 25, 139-150.	1.0	36
10	Transition from a singly vergent to doubly vergent wedge in a young orogen: The Greater Caucasus. Tectonics, 2014, 33, 2077-2101.	1.3	83
11	Slab–mantle flow interaction: influence on subduction dynamics and duration. Terra Nova, 2014, 26, 265-272.	0.9	14
12	What earthquakes say concerning residual subduction and STEP dynamics in the Calabrian Arc region, south Italy. Geophysical Journal International, 2014, 199, 1929-1942.	1.0	46
13	Unraveling tectonic and climatic controls on synorogenic growth strata (Northern Apennines, Italy). Bulletin of the Geological Society of America, 2014, 126, 532-552.	1.6	57
14	Sedimentation in the Northern Apennines–Corsica tectonic knot (Northern Tyrrhenian Sea, Central) Tj ETQq1 1 Sciences, 2014, 103, 821-842.	0.784314 0.9	4 rgBT /Overl 12
15	Frontal compression along the Apennines thrust system: The Emilia 2012 example from seismicity to crustal structure. Journal of Geodynamics, 2014, 82, 98-109.	0.7	24
16	Lateral variations in tectonic style across cross-strike discontinuities: an example from the Central Apennines belt (Italy). International Journal of Earth Sciences, 2014, 103, 2301-2313.	0.9	20
17	Positive inversion tectonics in foreland fold-and-thrust belts: A reappraisal of the Umbria–Marche Northern Apennines (Central Italy) by integrating geological and geophysical data. Tectonophysics, 2014, 637, 218-237.	0.9	56
18	Opposite verging chains sharing the same foreland: Kinematics and interactions through analogue models (Central Po Plain, Italy). Tectonophysics, 2014, 633, 268-282.	0.9	30

#	ARTICLE	IF	Citations
19	Isostasy, dynamic topography, and the elevation of the Apennines of Italy. Earth and Planetary Science Letters, 2014, 407, 163-174.	1.8	91
20	Present-day 3D structural model of the Po Valley basin, Northern Italy. Marine and Petroleum Geology, 2014, 56, 266-289.	1.5	53
21	Late Miocene shortening of the Northern Apennines back-arc. Journal of Geodynamics, 2014, 74, 1-31.	0.7	52
22	Slab bending, synâ€subduction normal faulting, and outâ€ofâ€sequence thrusting in the Central Apennines. Tectonics, 2014, 33, 530-551.	1.3	38
23	Sulfur isotope evolution in sulfide ores from Western Alps: Assessing the influence of subduction-related metamorphism. Geochemistry, Geophysics, Geosystems, 2014, 15, 3808-3829.	1.0	28
24	Carbonate intercalations in a terrigenous foredeep: late Miocene examples from the Simbruini Mts. and the Salto Valley (Central Apennines - Italy). Italian Journal of Geosciences, 2014, 133, 85-100.	0.4	10
25	Middle Miocene–Early Pliocene wedge-top basins of NW Sicily (Italy): constraints for the tectonic evolution of a †non-conventional†thrust belt, affected by transpression. Journal of the Geological Society, 2014, 171, 211-226.	0.9	17
26	Layered lower crust and mantle reflectivity as imaged by a re-processed crustal seismic profile from Sicily in the central Mediterranean. Bulletin - Societie Geologique De France, 2015, 186, 257-272.	0.9	4
27	Contour map of the top of the regional geothermal reservoir of Sicily (Italy). Journal of Maps, 2015, 11, 13-24.	1.0	7
28	Geodynamics and metallogeny of the eastern Tethyan metallogenic domain. Ore Geology Reviews, 2015, 70, 346-384.	1.1	153
29	Slip-rates of blind thrusts in slow deforming areas: Examples from the Po Plain (Italy). Tectonophysics, 2015, 643, 8-25.	0.9	63
30	Updating and reinterpreting the dinosaur track record of Italy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 439, 117-125.	1.0	12
31	The Seismotectonics of the Po Plain (Northern Italy): Tectonic Diversity in a Blind Faulting Domain. Pure and Applied Geophysics, 2015, 172, 1105-1142.	0.8	83
32	Polarized Plate Tectonics. Advances in Geophysics, 2015, , 1-167.	1.1	77
33	The Tertiary dike magmatism in the Southern Alps: geochronological data and geodynamic significance. International Journal of Earth Sciences, 2015, 104, 449-473.	0.9	32
34	From Mesozoic rifting to Apennine orogeny: The Gran Sasso range (Italy). Gondwana Research, 2015, 27, 1307-1334.	3.0	46
35	Geology and Jurassic paleogeography of the Mt. Primo-Mt. Castel Santa Maria ridge and neighbouring areas (Northern Apennines, Italy). Journal of Maps, 2015, 11, 645-663.	1.0	19
36	Burial history and thermal maturity of Mesozoic rocks of the Dolomites, Northern Italy. Swiss Journal of Geosciences, 2015, 108, 253-271.	0.5	9

#	Article	IF	CITATIONS
37	Graviquakes in Italy. Tectonophysics, 2015, 656, 202-214.	0.9	34
38	A large scale ambient vibration survey in the area damaged by May–June 2012 seismic sequence in Emilia Romagna, Italy. Bulletin of Earthquake Engineering, 2015, 13, 3187-3206.	2.3	48
39	Precollisional development and Cenozoic evolution of the Southalpine retrobelt (European Alps). Lithosphere, 2015, , L466.1.	0.6	14
40	Source-inherited compositional diversity in granite batholiths: The geochemical message of Late Paleozoic intrusive magmatism in central Calabria (southern Italy). Lithos, 2015, 236-237, 123-140.	0.6	35
41	The Pliocene-age Stirone River hydrocarbon chemoherm complex (Northern Apennines, Italy). Marine and Petroleum Geology, 2015, 66, 582-595.	1.5	23
42	Three-dimensional seismo-tectonics in the Po Valley basin, Northern Italy. Tectonophysics, 2015, 661, 156-179.	0.9	20
43	Recent seismicity of Italy: Active tectonics of the central Mediterranean region and seismicity rate changes after the Mw 6.3 L'Aquila earthquake. Tectonophysics, 2015, 638, 82-93.	0.9	54
44	Tectonically asymmetric Earth: From net rotation to polarized westward drift of the lithosphere. Geoscience Frontiers, 2015, 6, 401-418.	4.3	23
45	Anisotropic tomography of the European lithospheric structure from surface wave studies. Geochemistry, Geophysics, Geosystems, 2016, 17, 2015-2033.	1.0	18
46	Depositional history of the Epiligurian wedge-top basin in the Val Marecchia area (northern) Tj ETQq1 1 0.784314 2016, 135, 324-335.	rgBT /Ov 0.4	verlock 10 Tf 18
47	Formation of ophiolite-bearing tectono-sedimentary mélanges in accretionary wedges by gravity driven submarine erosion: Insights from analogue models and case studies. Journal of Geodynamics, 2016, 100, 87-103.	0.7	38
48	Toward a New Probabilistic Framework to Score and Merge Groundâ€Motion Prediction Equations: The Case of the Italian Region. Bulletin of the Seismological Society of America, 2016, 106, 720-733.	1.1	23
49	Seismic markers of the Messinian Salinity Crisis in an intermediate-depth basin: Data for understanding the Neogene evolution of the Corsica Basin (northern Tyrrhenian Sea). Marine and Petroleum Geology, 2016, 77, 1274-1296.	1.5	12
50	Tracking coarse-grained gravity flows by LASS-ICP-MS depth-profiling of detrital zircon (Aveto) Tj ETQq1 1 0.7843	314 rgBT / 1.5	Overlock 10
51	Fault geometry and mechanics of marly carbonate multilayers: An integrated field and laboratory study from the Northern Apennines, Italy. Journal of Structural Geology, 2016, 93, 1-16.	1.0	20
52	Geology of the Northern Simbruini Mts. (Abruzzo – Italy). Journal of Maps, 2016, 12, 441-452.	1.0	9
53	Stratigraphic control on earthquake-induced liquefaction: A case study from the Central Po Plain (Italy). Sedimentary Geology, 2016, 345, 42-53.	1.0	17
54	Continuity of the Alpine slab unraveled by highâ€resolution <i>P</i> wave tomography. Journal of Geophysical Research: Solid Earth, 2016, 121, 8720-8737.	1.4	95

#	Article	IF	CITATIONS
55	Coupling sedimentation and tectonic control: Pleistocene evolution of the central Po Basin. Italian Journal of Geosciences, 2016, 135, 394-407.	0.4	17
56	Influence of structural inheritance on foreland-foredeep system evolution: An example from the Po valley region (northern Italy). Marine and Petroleum Geology, 2016, 77, 376-398.	1.5	25
57	Contrasting alluvial architecture of Late Pleistocene and Holocene deposits along a 120-km transect from the central Po Plain (northern Italy). Sedimentary Geology, 2016, 341, 265-275.	1.0	29
58	The thick-bedded tail of turbidite thickness distribution as a proxy for flow confinement: Examples from tertiary basins of central and northern Apennines (Italy). Sedimentary Geology, 2016, 341, 96-118.	1.0	26
59	A newly discovered Pliocene volcanic field on the western Sardinia continental margin (western) Tj ETQq0 0 0 rg	BT /Overlo	ock 10 Tf 50 5
60	The structural evolution of the Radicondoli–Volterra Basin (southern Tuscany, Italy): Relationships with magmatism and geothermal implications. Geothermics, 2016, 59, 38-55.	1.5	19
61	Cenozoic evolution of the Pamir and Tien Shan mountains reflected in syntectonic deposits of the Tajik Basin. Geological Society Special Publication, 2017, 427, 523-564.	0.8	13
62	Foreland-directed gravitational collapse along curved thrust fronts: insights from a minor thrust-related shear zone in the Umbria–Marche belt, central-northern Italy. Geological Magazine, 2017, 154, 381-392.	0.9	18
63	The first dinosaur tracksite from Abruzzi (Monte Cagno, Central Apennines, Italy). Cretaceous Research, 2017, 73, 47-59.	0.6	20
64	Triassic southeastward subduction of North China Block to South China Block: Insights from new geological, geophysical and geochemical data. Earth-Science Reviews, 2017, 166, 270-285.	4.0	208
65	<i>Pn</i> tomography with Moho depth correction from eastern Europe to western China. Journal of Geophysical Research: Solid Earth, 2017, 122, 1284-1301.	1.4	44
66	Geomorphological evolution of western Sicily, Italy. Geologica Carpathica, 2017, 68, 80-93.	0.2	20
67	Magmatism and Geodynamics in the Tyrrhenian Sea Region. Advances in Volcanology, 2017, , 363-382.	0.7	9
68	Transfer zones in an oblique back-arc basin setting: Insights from the Latium-Campania segmented margin (Tyrrhenian Sea). Tectonics, 2017, 36, 78-107.	1.3	25
69	Crustal mechanics control the geometry of mountain belts. Insights from numerical modelling. Earth and Planetary Science Letters, 2017, 460, 12-21.	1.8	37
70	Hot Versus Cold Orogenic Behavior: Comparing the AraçuaÃâ€West Congo and the Caledonian Orogens. Tectonics, 2017, 36, 2159-2178.	1.3	51
71	Early Paleozoic Tarim Orocline: Insights from paleogeography and tectonic evolution in the Tarim Basin. Geological Journal, 2017, 52, 436-448.	0.6	14
72	Geology of Piemonte region (NW Italy, Alps–Apennines interference zone). Journal of Maps, 2017, 13, 395-405.	1.0	94

#	ARTICLE	IF	CITATIONS
73	Postâ€20ÂMa Motion of the Adriatic Plate: New Constraints From Surrounding Orogens and Implications for Crustâ€Mantle Decoupling. Tectonics, 2017, 36, 3135-3154.	1.3	82
74	Correlating shelf carbonate evolutive phases with fluid expulsion episodes in the foredeep (Miocene,) Tj ETQq1	1 0.784314	4 rgBT /Ove
75	Evolution of a Miocene carbonate shelf (northern Apennines, Italy) revealed through a quantitative compositional study. Marine and Petroleum Geology, 2017, 79, 340-350.	1.5	4
76	New insights into the onset and evolution of the central Apennine extensional intermontane basins based on the tectonically active L'Aquila Basin (central Italy). Bulletin of the Geological Society of America, 2017, 129, 1314-1336.	1.6	69
77	Active faulting, 3-D geological architecture and Plio-Quaternary structural evolution of extensional basins in the central Apennine chain, Italy. Solid Earth, 2017, 8, 319-337.	1.2	18
78	Thick-Skinned and Thin-Skinned Tectonics: A Global Perspective. Geosciences (Switzerland), 2017, 7, 71.	1.0	96
79	Switching deformation mode and mechanisms during subduction of continental crust: a case study from Alpine Corsica. Solid Earth, 2017, 8, 767-788.	1.2	14
80	3D structural and thermal modelling of Mesozoic petroleum systems in the Po Valley Basin, northern Italy. Petroleum Geoscience, 2018, 24, 172-196.	0.9	5
81	A multidisciplinary study of ecosystem evolution through early Pleistocene climate change from the marine Arda River section, Italy. Quaternary Research, 2018, 89, 533-562.	1.0	14
82	Surface Wave Tomography of the Alps Using Ambientâ€Noise and Earthquake Phase Velocity Measurements. Journal of Geophysical Research: Solid Earth, 2018, 123, 1770-1792.	1.4	85
83	Earthquake focal mechanism forecasting in Italy for PSHA purposes. Geophysical Journal International, 2018, 212, 491-508.	1.0	12
84	Complex Fault Geometry and Rupture Dynamics of the M <sub>W</sub> 6.5, 30 October 2016, Central Italy Earthquake. Journal of Geophysical Research: Solid Earth, 2018, 123, 2943-2964.	1.4	93
85	Closure of the Proto-Tethys Ocean and Early Paleozoic amalgamation of microcontinental blocks in East Asia. Earth-Science Reviews, 2018, 186, 37-75.	4.0	371
86	Thermo-mechanical numerical model of the transition from continental rifting to oceanic spreading: the case study of the Alpine Tethys. Geological Magazine, 2018, 155, 250-279.	0.9	24
87	Improving seismic hazard approaches for critical infrastructures: a pilot study in the Po Plain. Bulletin of Earthquake Engineering, 2018, 16, 2529-2564.	2.3	7
88	Structural, stratigraphic, and petrological clues for a Cretaceous–Paleogene abortive rift in the southern Adria domain (southern Apennines, Italy). Geological Journal, 2018, 53, 660-681.	0.6	36
89	Macro―and mesoâ€scale structural criteria for identifying preâ€thrusting normal faults within foreland foldâ€andâ€thrust belts: Insights from the Centralâ€Northern Apennines (Italy). Terra Nova, 2018, 30, 50-62.	0.9	15
90	Geochemical study of travertines along middle-lower Tiber valley (central Italy): genesis, palaeo-environmental and tectonic implications. International Journal of Earth Sciences, 2018, 107, 1321-1342.	0.9	10

#	Article	IF	CITATIONS
91	Refertilized mantle keel below the Southern Alps domain (North-East Italy): Evidence from Marosticano refractory mantle peridotites. Lithos, 2018, 300-301, 72-85.	0.6	5
92	Active Faulting in Source Region of 2016–2017 Central Italy Event Sequence. Earthquake Spectra, 2018, 34, 1557-1583.	1.6	19
93	Lead isotope systematics in ophiolite-associated sulphide deposits from the Western Alps and Northern Apennine (Italy). European Journal of Mineralogy, 2018, 30, 17-31.	0.4	9
94	Petrographic and geochemical investigations on the volcanic rocks used in the Punic-Roman archaeological site of Nora (Sardinia, Italy). Environmental Earth Sciences, 2018, 77, 1.	1.3	23
95	Microplate tectonics: new insights from micro-blocks in the global oceans, continental margins and deep mantle. Earth-Science Reviews, 2018, 185, 1029-1064.	4.0	67
96	Last glacial maximum glaciers in the Northern Apennines reflect primarily the influence of southerly storm-tracks in the western Mediterranean. Quaternary Science Reviews, 2018, 197, 352-367.	1.4	25
97	Neogene 3â€D Structural Architecture of The Northâ€West Apennines: The Role of the Lowâ€Angle Normal Faults and Basement Thrusts. Tectonics, 2018, 37, 2165-2196.	1.3	21
98	Intrinsically Variable Blind Thrust Faulting. Tectonics, 2018, 37, 1454-1471.	1.3	12
99	RSCM thermometry in the Alpi Apuane (NW Tuscany, Italy): New constraints for the metamorphic and tectonic history of the inner northern Apennines. Journal of Structural Geology, 2018, 113, 200-216.	1.0	36
100	Basic Dykes Crosscutting the Crystalline Basement of Valsugana (Italy): New Evidence of Early Triassic Volcanism in the Southern Alps. Tectonics, 2018, 37, 2080-2093.	1.3	9
101	Geology of the eastern slopes of the Simbruini Mts. between Verrecchie and Capistrello (Central) Tj ETQq0 0 0 rg	BT!Overlo	ock 10 Tf 50 3
102	Surface ruptures following the 30 October 2016 <i>M</i> <sub>w</sub> 6.5 Norcia earthquake, central Italy. Journal of Maps, 2018, 14, 151-160.	1.0	121
103	Decoupled geomorphic and sedimentary response of Po River and its Alpine tributaries during the last glacial/post-glacial episode. Geomorphology, 2018, 317, 184-198.	1.1	11
104	Stratigraphy and deformation of Pleistocene talus in relation to a normal fault zone (central) Tj ETQq1 1 0.78431	.4 <u>fg</u> BT /O	veglock 10 <mark>Tf</mark>
105	Using salt tectonic structures as proxies to reveal post-rift crustal tectonics: The example of the Eastern Sardinian margin (Western Tyrrhenian Sea). Marine and Petroleum Geology, 2018, 96, 214-231.	1.5	3
106	15 Habitat Mapping of Cold-Water Corals in the Mediterranean Sea. Coral Reefs of the World, 2019, , 157-171.	0.3	8
107	Initiation and development of the Pennine Basal Thrust (Swiss Alps): a structural and geochronological study of an exhumed megathrust. Journal of Structural Geology, 2019, 126, 338-356.	1.0	19
108	What drives <scp>A</scp> lpine <scp>T</scp> ethys opening? Clues from the review of geological data and model predictions. Geological Journal, 2019, 54, 2646-2664.	0.6	36

#	Article	IF	CITATIONS
109	Astrochronology and radio-isotopic dating of the Alano di Piave section (NE Italy), candidate GSSP for the Priabonian Stage (late Eocene). Earth and Planetary Science Letters, 2019, 525, 115746.	1.8	7
110	The Decollement Depth of Active Thrust Faults in Italy: Implications on Potential Earthquake Magnitude. Tectonics, 2019, 38, 3990-4009.	1.3	7
111	Fractal Study of the 1997–2017 Italian Seismic Sequences: A Joint Analysis of Seismological Data and DInSAR Measurements. Remote Sensing, 2019, 11, 2112.	1.8	4
112	A new approach for defining Slope Mass Rating in heterogeneous sedimentary rocks using a combined remote sensing GIS approach. Bulletin of Engineering Geology and the Environment, 2019, 78, 4253-4274.	1.6	17
113	3-D Pn tomography reveals continental subduction at the boundaries of the Adriatic microplate in the absence of a precursor oceanic slab. Earth and Planetary Science Letters, 2019, 510, 131-141.	1.8	21
114	Methane-derived authigenic carbonates on accretionary ridges: Miocene case studies in the northern Apennines (Italy) compared with modern submarine counterparts. Marine and Petroleum Geology, 2019, 102, 860-872.	1.5	22
115	Synchronous Periadriatic magmatism in the Western and Central Alps in the absence of slab breakoff. Terra Nova, 2019, 31, 120-128.	0.9	29
116	Evaluating the geogenic CO2 flux from geothermal areas by analysing quaternary travertine masses. New data from western central Italy and review of previous CO2 flux data. Quaternary Science Reviews, 2019, 215, 132-143.	1.4	15
117	Pop-up structure in massive carbonate-hosted fold-and-thrust belt: Insight from field mapping and 2D kinematic model in the central Apennines. Journal of Structural Geology, 2019, 126, 258-271.	1.0	6
118	Stable isotopes and rare earth element compositions of ancient cold seep carbonates from Enza River, northern Apennines (Italy): Implications for fluids sources and carbonate chimney growth. Marine and Petroleum Geology, 2019, 109, 434-448.	1.5	12
119	Origin of Triassic magmatism of the Southern Alps (Italy): Constraints from geochemistry and Sr-Nd-Pb isotopic ratios. Gondwana Research, 2019, 75, 218-238.	3.0	29
120	A deep fluid source of radiogenic Sr and highly dynamic seepage conditions recorded in Miocene seep carbonates of the northern Apennines (Italy). Chemical Geology, 2019, 522, 135-147.	1.4	30
121	Complexity of the 2009 L'Aquila earthquake causative fault system (Abruzzi Apennines, Italy) and effects on the Middle Aterno Quaternary basin arrangement. Quaternary Science Reviews, 2019, 213, 30-66.	1.4	9
122	Did the Deadly 1917 Monterchi Earthquake Occur on the Lowâ€Angle Alto Tiberina (Central Italy) Normal Fault?. Seismological Research Letters, 2019, 90, 1131-1144.	0.8	1
123	From cylindrical to nonâ€eylindrical foreland basin: Pliocene–Pleistocene evolution of the Po Plain–Northern Adriatic basin (Italy). Basin Research, 2019, 31, 991-1015.	1.3	33
124	Mapping the Seismic Bedrock of the Po Plain (Italy) through Ambientâ€Vibration Monitoring. Bulletin of the Seismological Society of America, 2019, 109, 164-177.	1.1	30
125	Peat layer accumulation and postâ€burial deformation during the midâ€late Holocene in the Po coastal plain (Northern Italy). Basin Research, 2019, 31, 621-639.	1.3	17
126	Mineralogical-chemical Alteration and Origin of Ignimbritic Stones Used in the Old Cathedral of Nostra Signora di Castro (Sardinia, Italy). Studies in Conservation, 2019, 64, 397-422.	0.6	12

#	ARTICLE	IF	CITATIONS
127	Morphotectonics of the Tasso Stream - Sagittario River valley (Central Apennines, Italy). Journal of Maps, 2019, 15, 257-268.	1.0	4
128	Distribution of joints in the hinge-line culmination of foreland-verging overturned anticlines: an example from the Montagna dei Fiori structure in the Central Apennines of Italy. Geological Magazine, 2019, 156, 1445-1454.	0.9	6
129	Intraplate magmatism at a convergent plate boundary: The case of the Cenozoic northern Adria magmatism. Earth-Science Reviews, 2019, 192, 355-378.	4.0	15
130	Continental lithospheric-scale subduction versus crustal-scale underthrusting in the collision zone: Numerical modeling. Tectonophysics, 2019, 757, 68-87.	0.9	6
131	A reef coral in the condensed Maiolica facies on the Mt Nerone pelagic carbonate platform (Marche) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
132	Gravity and Magnetic Modeling of Central Italy: Insights Into the Depth Extent of the Seismogenic Layer. Geochemistry, Geophysics, Geosystems, 2019, 20, 2157-2172.	1.0	18
133	Sediment-hosted geothermal systems: Review and first global mapping. Earth-Science Reviews, 2019, 192, 529-544.	4.0	39
134	Unconformities, neptunian dykes and mass-transport deposits as an evidence for Early Cretaceous syn-sedimentary tectonics: new insights from the Central Apennines. Italian Journal of Geosciences, 2019, 138, 333-354.	0.4	12
135	From mapped faults to fault-length earthquake magnitude (FLEM): a test on Italy with methodological implications. Solid Earth, 2019, 10, 1555-1579.	1.2	24
136	The Himalayan Foreland Basin from collision onset to the present: a sedimentary–petrology perspective. Geological Society Special Publication, 2019, 483, 65-122.	0.8	46
137	Present-day uplift of the European Alps: Evaluating mechanisms and models of their relative contributions. Earth-Science Reviews, 2019, 190, 589-604.	4.0	82
138	Asymmetric dynamics at subduction zones derived from plate kinematic constraints. Gondwana Research, 2020, 78, 110-125.	3.0	11
139	Geodynamic Implications of the Latest Chattian-Langhian Central-Western Peri-Mediterranean Volcano-Sedimentary Event: A Review. Journal of Geology, 2020, 128, 29-43.	0.7	30
140	The uplift of the Adriatic flank of the Apennines since the Middle Pleistocene: New insights from the Tronto River basin and the Acquasanta Terme Travertine (central Italy). Geomorphology, 2020, 352, 106990.	1.1	18
141	Revitalizing exploration and redevelopment of deep carbonate targets in the Southern Apennines thrust belt (southern Italy): reappraising vintage data with modern approaches. Geological Society Special Publication, 2020, 490, 221-240.	0.8	6
142	3D geological reconstruction of the M. Vettore seismogenic fault system (Central Apennines, Italy): Cross-cutting relationship with the M. Sibillini thrust. Journal of Structural Geology, 2020, 131, 103938.	1.0	23
143	The evolution of a coastal wedge in response to Plio-Pleistocene climate change: The Northern Adriatic case. Marine and Petroleum Geology, 2020, 122, 104675.	1.5	7
144	Evolutionary Models of the Cenozoic Basins of Central-Western Mediterranean Area: A Review of Methodological Approaches. Geosciences (Switzerland), 2020, 10, 366.	1.0	10

#	Article	IF	CITATIONS
145	The Slab Puzzle of the Alpineâ€Mediterranean Region: Insights From a New, Highâ€Resolution, Shear Wave Velocity Model of the Upper Mantle. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC008993.	1.0	37
146	Pyroclastic Stones as Building Materials in Medieval Romanesque Architecture of Sardinia (Italy): Chemical-Physical Features of Rocks and Associated Alterations. International Journal of Architectural Heritage, 2022, 16, 49-66.	1.7	9
147	Structural and tectono-stratigraphic review of the Sicilian orogen and new insights from analogue modeling. Earth-Science Reviews, 2020, 208, 103257.	4.0	18
148	Geomorphology of the Anversa degli Abruzzi badlands area (Central Apennines, Italy). Journal of Maps, 2020, 16, 488-499.	1.0	2
149	Comparing Slip Distribution of an Active Fault System at Various Timescales: Insights for the Evolution of the Mt. Vettoreâ€Mt. Bove Fault System in Central Apennines. Tectonics, 2020, 39, e2020TC006200.	1.3	13
150	Groundwater circulation and earthquake-related changes in hydrogeological karst environments: a case study of the Sibillini Mountains (central Italy) involving artificial tracers. Hydrogeology Journal, 2020, 28, 2409-2428.	0.9	14
151	Shallow submarine mud volcano in the northern Tyrrhenian sea, Italy. Applied Geochemistry, 2020, 122, 104722.	1.4	5
152	Topographic expressions of mantle dynamics in the Mediterranean. Earth-Science Reviews, 2020, 209, 103327.	4.0	33
153	The Curinga–Girifalco Line in the framework of the tectonic evolution of the remnant Alpine chain in Calabria (southern Italy). International Journal of Earth Sciences, 2020, 109, 2583-2598.	0.9	9
154	Seismotectonics at the Transition Between Oppositeâ€Dipping Slabs (Western Alpine Region). Tectonics, 2020, 39, e2020TC006086.	1.3	15
155	Mantle upwelling beneath the Apennines identified by receiver function imaging. Scientific Reports, 2020, 10, 19760.	1.6	6
156	Towards the Understanding of Hydrogeochemical Seismic Responses in Karst Aquifers: A Retrospective Meta-Analysis Focused on the Apennines (Italy). Minerals (Basel, Switzerland), 2020, 10, 1058.	0.8	13
157	Multidisciplinary Analysis of Ground Movements: An Underground Gas Storage Case Study. Remote Sensing, 2020, 12, 3487.	1.8	13
158	An outline of the geology of the Northern Apennines (Italy), with geological map at 1:250,000 scale. Italian Journal of Geosciences, 2020, 139, 149-194.	0.4	56
159	Tectonically controlled carbonate-seated maar-diatreme volcanoes: The case of the Volsci Volcanic Field, central Italy. Journal of Geodynamics, 2020, 139, 101763.	0.7	18
160	Preservation of 34S-enriched sulfides in fossil sulfate-methane transition zones: new evidence from Miocene outcrops of the northern Apennines (Italy). Geo-Marine Letters, 2020, 40, 379-390.	0.5	9
161	Gravity and crustal dynamics in Italy. Rendiconti Lincei, 2020, 31, 49-58.	1.0	1
162	Basin-scale stratigraphic correlation of late Pleistocene-Holocene (MIS 5e-MIS 1) strata across the rapidly subsiding Po Basin (northern Italy). Quaternary Science Reviews, 2020, 237, 106300.	1.4	22

#	Article	IF	Citations
163	Small catchments evolution on clayey hilly landscapes in Central Apennines and northern Sicily (Italy) since the Late Pleistocene. Geomorphology, 2020, 363, 107206.	1.1	7
164	Climate control on stacked paleosols in the Pleistocene of the Po Basin (northern Italy). Journal of Quaternary Science, 2020, 35, 559-571.	1.1	11
165	Sediment dispersal pathways in the Po coastal plain since the Last Glacial Maximum: Provenance signals of autogenic and eustatic forcing. Basin Research, 2021, 33, 1407-1428.	1.3	9
166	Mediterranean Tectonics. , 2021, , 408-419.		O
167	Three-dimensional numerical simulation of the interseismic and coseismic phases associated with the 6 April 2009, Mw 6.3ÂL'Aquila earthquake (Central Italy). Tectonophysics, 2021, 798, 228685.	0.9	8
168	Empirical nonergodic shaking scenarios based on spatial correlation models: An application to central Italy. Earthquake Engineering and Structural Dynamics, 2021, 50, 60-80.	2.5	21
169	Numerical analysis of interseismic, coseismic and post-seismic phases for normal and reverse faulting earthquakes in Italy. Geophysical Journal International, 2021, 225, 627-645.	1.0	8
170	Evolutionary geological models of the central-western peri-Mediterranean chains: a review. International Geology Review, 2021, 63, 65-86.	1.1	55
171	Understanding the Origin and Mixing of Deep Fluids in Shallow Aquifers and Possible Implications for Crustal Deformation Studies: San Vittorino Plain, Central Apennines. Applied Sciences (Switzerland), 2021, 11, 1353.	1.3	14
172	Evidence for radial anisotropy in the lower crust of the Apennines from Bayesian ambient noise tomography in Europe. Geophysical Journal International, 2021, 226, 941-967.	1.0	14
173	The Deep Structure of the Alps Based on the CIFALPS Seismic Experiment: A Synthesis. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009466.	1.0	35
174	What can highâ€∢i>P sheared orthogneisses tell us? An example from the Curinga–Girifalco Line (Calabria, southern Italy). Journal of Metamorphic Geology, 2021, 39, 919-944.	1.6	10
175	Active north-vergent thrusting in the northern Sicily continental margin in the frame of the quaternary evolution of the Sicilian collisional system. Tectonophysics, 2021, 802, 228717.	0.9	11
176	Assessment of liquefaction potential in the central Po plain from integrated geomorphological, stratigraphic and geotechnical analysis. Engineering Geology, 2021, 282, 105997.	2.9	11
177	Active Fault Systems in the Inner Northwest Apennines, Italy: A Reappraisal One Century after the 1920 Mw ~6.5 Fivizzano Earthquake. Geosciences (Switzerland), 2021, 11, 139.	1.0	8
178	Constraining the Passive to Active Margin Tectonics of the Internal Central Apennines: Insights from Biostratigraphy, Structural, and Seismic Analysis. Geosciences (Switzerland), 2021, 11, 160.	1.0	10
179	Plio–Quaternary Structural Evolution of the Outer Sector of the Marche Apennines South of the Conero Promontory, Italy. Geosciences (Switzerland), 2021, 11, 184.	1.0	6
180	The influence of microbial mats on travertine precipitation in active hydrothermal systems (Central) Tj ETQq $1\ 1$	0.784314	rgBT/Overlo

#	Article	IF	CITATIONS
181	Application of anisotropy of magnetic susceptibility (AMS) fabrics to determine the kinematics of active tectonics: examples from the Betic Cordillera, Spain, and the Northern Apennines, Italy. Solid Earth, 2021, 12, 1125-1142.	1.2	0
182	Trunk river and tributary interactions recorded in the Pleistocene–Holocene stratigraphy of the Po Plain (northern Italy). Sedimentology, 2021, 68, 2918-2943.	1.6	8
183	Structural restoration and basin modelling of the central apennine orogen/foredeep/foreland system: New insights on the regional petroleum system. Marine and Petroleum Geology, 2021, 127, 104948.	1.5	8
184	Late Holocene human-induced landscape changes in Calcareous Tufa environments in Central Mediterranean valleys (Pecora river, Southern Tuscany, Italy). Geomorphology, 2021, 383, 107691.	1.1	5
185	Botryoidal and Spherulitic Aragonite in Carbonates Associated with Microbial Mats: Precipitation or Diagenetic Replacement Product?. Frontiers in Earth Science, 2021, 9, .	0.8	9
186	Dinaric up-thrusts in the Pliocene evolution of the Central Apennines thrust belt of Italy: the Montagna dei Fiori structure. Geological Magazine, 0, , 1-16.	0.9	4
187	The importance of tangential motion in the Central Alps: Kinematic analysis and Rb Sr dating of mylonitic rocks from the Pennine nappes in the eastern Central Alps. Earth-Science Reviews, 2021, 218, 103644.	4.0	2
188	The role of tectonic activity, topographic gradient and river flood events in the Testina travertine (Acque Albule Basin, Tivoli, Central Italy). Depositional Record, 2022, 8, 266-291.	0.8	2
189	A Geomorphic Examination of the Calabrian Forearc Translation. Tectonics, 2021, 40, e2020TC006692.	1.3	9
190	The Segmented Campo Felice Normal Faults: Seismic Potential Appraisal by Application of Empirical Relationships Between Rupture Length and Earthquake Magnitude in the Central Apennines, Italy. Tectonics, 2021, 40, e2020TC006465.	1.3	7
191	Forebulge migration in the foreland basin system of the centralâ€southern Apennine foldâ€thrust belt (Italy): New highâ€resolution Srâ€isotope dating constraints. Basin Research, 2021, 33, 2817-2836.	1.3	12
192	Trace fossils in seep-impacted sediments as a tool to decipher the origin of fine-grained intervals of the Marnoso-arenacea turbidite succession (Miocene, northern Apennines, Italy). Sedimentary Geology, 2021, 422, 105965.	1.0	1
193	Geochemical investigations of the geothermal systems from the Island of Sicily (southern Italy). Geothermics, 2021, 95, 102120.	1.5	4
194	A revised image of the instrumental seismicity in the Lodi area (Po Plain, Italy). Solid Earth, 2021, 12, 2021-2039.	1.2	1
195	Active faulting and deepâ€seated gravitational slope deformation in carbonate rocks (central) Tj ETQq0 0 0 rgBT	/Qvgrlock	19 Tf 50 182
196	Transcontinental retroarc sediment routing controlled by subduction geometry and climate change (Central and Southern Andes, Argentina). Basin Research, 2021, 33, 3406-3437.	1.3	13
197	Mineralogical-Petrographic and Physical-Mechanical Features of the Construction Stones in Punic and Roman Temples of Antas (SW Sardinia, Italy): Provenance of the Raw Materials and Conservation State. Minerals (Basel, Switzerland), 2021, 11, 964.	0.8	5
198	Cyclic Brittleâ€Ductile Oscillations Recorded in Exhumed Highâ€Pressure Continental Units: A Record of Deep Episodic Tremor and Slow Slip Events in the Northern Apennines. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009805.	1.0	10

#	Article	IF	CITATIONS
199	Orbital tuning for the middle Eocene to early Oligocene Monte Cagnero Section (Central Italy): Paleoenvironmental and paleoclimatic implications. Palaeogeography, Palaeoclimatology, Palaeoclimatology, 2021, 577, 110563.	1.0	7
200	A Long-Term Record of Quaternary Facies Patterns and Palaeonvironmental Trends from the Po Plain (NE Italy) as Revealed by Bio-Sedimentary Data. Geosciences (Switzerland), 2021, 11, 401.	1.0	1
201	High resolution morphometric analysis of the Cordone del Vettore normal fault scarp (2016 central) Tj ETQq0 0 0 2021, 388, 107784.	rgBT /Ov	erlock 10 Tf 5 7
202	The mudstone composition as reflected in the sedimentary evolution of a turbidite basin: The example of the Agnone Flysch (Molise, Italy). Marine and Petroleum Geology, 2021, 132, 105241.	1.5	2
203	Coseismic vertical ground deformations vs. intensity measures: Examples from the Apennines. Engineering Geology, 2021, 293, 106323.	2.9	5
204	Interference between Apennines and Hellenides foreland basins around the Apulian swell (Italy and) Tj ETQq $1\ 1\ 0$	.784314 r	gBT /Overloc
205	The Campania Province. Advances in Volcanology, 2017, , 159-201.	0.7	2
206	Three dimensional Gravity Local Inversion Across the Area Struck by the 2016–2017 Seismic Events in Central Italy. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018853.	1.4	11
207	The Campotosto linkage fault zone between the 2009 and 2016 seismic sequences of central Italy: Implications for seismic hazard analysis. Bulletin of the Geological Society of America, $0,$	1.6	7
208	Seismogenic nodes as a viable alternative to seismogenic zones and observed seismicity for the definition of seismic hazard at regional scale. Vietnam Journal of Earth Sciences, 2019, 41, 289-304.	1.0	24
209	Conductive heat flow pattern of the central-northern Apennines, Italy. International Journal of Terrestrial Heat Flow and Applications, 2019, 2, 37-45.	0.1	2
210	Messinian-earliest Zanclean tectonic-depositional dynamics of the Cinigiano-Baccinello and Velona basins (Tuscany, Italy). Italian Journal of Geosciences, 2015, 134, 237-254.	0.4	10
211	Oligocene-Miocene volcanism in the Apennines: discovery and characterization of a baryte and Ba-rich phillipsite bed in the lower part of the Ranzano Formation (Reggio Emilia, Italy). Italian Journal of Geosciences, 2020, 139, 287-299.	0.4	2
212	Is blind faulting truly invisible? Tectonic-controlled drainage evolution in the epicentral area of the May 2012, Emilia-Romagna earthquake sequence (northern Italy). Annals of Geophysics, 2012, 55, .	0.5	29
214	3D modelling and capacity estimation of potential targets for CO <sub>2</sub> storage in the Adriatic Sea, Italy. Petroleum Geoscience, 2022, 28, .	0.9	3
215	The key role of $\hat{A}\mu H2O$ gradients in deciphering microstructures and mineral assemblages of mylonites: examples from the Calabria polymetamorphic terrane. Mineralogy and Petrology, 2022, 116, 1-14.	0.4	9
216	Spatio‶emporal Evolution of Earthquake Static Stress Drop Values in the 2016â€"2017 Central Italy Seismic Sequence. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022566.	1.4	10
217	Integrating data sources for 3D modeling: the Italian activity in the GeoMol Project. Rendiconti Online Societa Geologica Italiana, 0, 30, 28-32.	0.3	2

#	Article	IF	Citations
219	Numerical Investigation on the Dynamic Evolution of Intra-Crustal Continental Delamination. Frontiers in Earth Science, 2022, $10$ , .	0.8	0
220	Make subductions diverse again. Earth-Science Reviews, 2022, 226, 103966.	4.0	14
221	Frictional controls on the seismogenic zone: Insights from the Apenninic basement, Central Italy. Earth and Planetary Science Letters, 2022, 583, 117444.	1.8	10
222	Centroid Moment Tensor catalog with 3D lithospheric wavespeed model: the 2016–2017 Central Apennines sequence. Journal of Geophysical Research: Solid Earth, 0, , .	1.4	1
223	Detailed mapping and paleostress analysis of active faults in the northern Vettore–Bove fault zone, Sibillini Mountains, Italy. , 2022, , .		0
224	A reconstruction of Apennine uplift history and the development of transverse drainages from longitudinal profile inversion. , 2022, , 129-148.		4
225	Adria in Mediterranean paleogeography, the origin of the Ionian Sea, and Permo-Triassic configurations of Pangea. Earth-Science Reviews, 2022, 230, 104045.	4.0	10
226	Estimation of the maximum earthquakes magnitude based on potential brittle volume and strain rate: The Italy test case. Tectonophysics, 2022, 836, 229405.	0.9	3
227	Slab Load Controls Beneath the Alps on the Source-to-Sink Sedimentary Pathways in the Molasse Basin. Geosciences (Switzerland), 2022, 12, 226.	1.0	3
228	Aegean-style extensional deformation in the contractional southern Dinarides: incipient normal fault scarps in Montenegro. Solid Earth, 2022, 13, 957-974.	1.2	3
229	The AlpArray Research Seismicity-Catalogue. Geophysical Journal International, 2022, 231, 921-943.	1.0	4
230	Analogue sandbox modeling of orogenic wedge front faulting: Roles of inherited fault zones and topographic loading. Journal of Structural Geology, 2022, , 104666.	1.0	1
231	Fast Changes in Seismic Attenuation of the Upper Crust due to Fracturing and Fluid Migration: The $2016 \hat{a} \in 2017$ Central Italy Seismic Sequence. Frontiers in Earth Science, 0, 10, .	0.8	7
232	3D velocity-depth model from multichannel seismic in the Dinaric foredeep of the Gulf of Trieste (Adriatic Sea), at the NE edge of Adria plate. Tectonophysics, 2022, 838, 229470.	0.9	3
233	Superimposed structures, incremental strain and deformation path from field data to modelling: A case study from the Alpi Apuane metamorphic core complex (NW Tuscany, Italy) Journal of Structural Geology, 2022, 161, 104676.	1.0	2
234	Chemical interaction driven by deep fluids in the damage zone of a seismogenic carbonate fault. Journal of Structural Geology, 2022, 161, 104668.	1.0	8
235	How mantle heterogeneities drive continental subduction and magmatism in the Apennines. Scientific Reports, 2022, 12, .	1.6	4
236	Estimating the long-term slip rate of active normal faults: The case of the Paganica Fault (Central) Tj ETQq $1\ 1\ 0.7$	/84314 rgl	BT_Overlock

#	Article	IF	Citations
237	Earth's gradients as the engine of plate tectonics and earthquakes. Rivista Del Nuovo Cimento, 0, , .	2.0	2
238	The influence of alluvial stratigraphic architecture on liquefaction phenomena: A case study from the Terre del Reno subsoil (southern Po plain, Italy). Sedimentary Geology, 2022, 440, 106258.	1.0	1
239	Evolution of the Po–Alpine River System during the Last 45 Ky Inferred from Stratigraphic and Compositional Evidence (Ostiglia, Northern Italy). Geosciences (Switzerland), 2022, 12, 342.	1.0	1
240	Deformation Mechanisms of Blueschist Facies Continental Metasediments May Offer Insights Into Deep Episodic Tremor and Slow Slip Events. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	5
241	Linear Inversion of Fluvial Topography in the Northern Apennines: Comparison of Baseâ€Level Fall to Crustal Shortening. Tectonics, 2022, 41, .	1.3	7
242	Plio-Quaternary interaction between Adria and surrounding orogens: a Central-Northern Apennines perspective. All Earth, 2022, 34, 291-308.	0.8	2
243	Geophysicalâ€Petrological Model for Bidirectional Mantle Delamination of the Adria Microplate Beneath the Northern Apennines and Dinarides Orogenic Systems. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	1
244	A site-specific earthquake ground response analysis using a fault-based approach and nonlinear modeling: The Case Pente site (Sulmona, Italy). Engineering Geology, 2023, 314, 106970.	2.9	4
245	Origin of Seismicity in Italy as a Clue for Seismic Hazard. Lecture Notes in Civil Engineering, 2023, , 153-165.	0.3	0
246	Multiscale structural analysis of an Epiligurian wedge-top basin: insights into the syntoÂpost-orogenic evolution of the Northern Apennines accretionary wedge (Italy). International Journal of Earth Sciences, 2023, 112, 805-827.	0.9	3
247	Sedimentary facies characterization through <scp>CPTU</scp> profiles: An effective tool for subsurface investigation of modern alluvial and coastal plains. Sedimentology, 0, , .	1.6	2
248	Architecture of active extensional faults in carbonates: Campo Felice and Monte D'Ocre faults, Italian Apennines. Journal of Structural Geology, 2023, 169, 104828.	1.0	1
249	Surface and Crustal Response to Deep Subduction Dynamics: Insights From the Apennines, Italy. Tectonics, 2023, 42, .	1.3	5
250	Impact of Site-Response Characterization on Probabilistic Seismic Hazard in the Po Plain (Italy). Bulletin of the Seismological Society of America, 2023, 113, 1269-1285.	1.1	2
251	A Reliable Procedure to Estimate the Rupture Propagation Directions from Source Directivity: The 2016–2018 Central Italy Seismic Sequence. Seismological Research Letters, 0, , .	0.8	0
252	Deep well new data in the area of the 2022 Mw 5.5 earthquake, Adriatic Sea, Italy: In situ stress state and P-velocities. Frontiers in Earth Science, 0, $11$ , .	0.8	1
253	The Numidian formation and its Lateral Successions (Central-Western Mediterranean): a review. International Geology Review, 2023, 65, 3570-3602.	1.1	7
254	The Alpi Apuane and their surroundings: a tale of the origins of modern Italian geological maps and of a missed †early recognition†of nappes in the Apennines. Geological Society Special Publication, 2024, 541, 97-122.	0.8	0

# Article IF Citations