Riccardo Tribuzio

List of Publications by Year
in descending order

47	1,472	304743	315739
papers	citations	22 h-index	38 g-index

49	49	49	1037
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The association of continental crust rocks with ophiolites in the Northern Apennines (Italy): implications for the continent-ocean transition in the Western Tethys. Tectonophysics, 1998, 292, 43-66.	2.2	123
2	Origin of the Gabbro-Peridotite Association from the Northern Apennine Ophiolites (Italy). Journal of Petrology, 2004, 45, 1109-1124.	2.8	102
3	Exhumation History of a Garnet Pyroxenite-bearing Mantle Section from a Continent-Ocean Transition (Northern Apennine Ophiolites, Italy). Journal of Petrology, 2006, 47, 1943-1971.	2.8	81
4	Petrology, mineral and isotope geochemistry of the Sondalo gabbroic complex (Central Alps,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 and Petrology, 1999, 136, 48-62.	3.1	74
5	Trace element distribution within olivine-bearing gabbros from the Northern Apennine ophiolites (Italy): evidence for post-cumulus crystallization in MOR-type gabbroic rocks. Contributions To Mineralogy and Petrology, 1999, 134, 123-133.	3.1	69
6	Deformation and metamorphism at the eastern border of the Tenda Massif (NE Corsica): a record of subduction and exhumation of continental crust. Journal of Structural Geology, 2006, 28, 1748-1766.	2.3	66
7	Mantleâ€“crust interactions in the oceanic lithosphere: Constraints from minor and trace elements in olivine. Geochimica Et Cosmochimica Acta, 2014, 141, 423-439.	3.9	62
8	Dynamic Accretion Beneath a Slowâ€Spreading Ridge Segment: IODP Hole 1473A and the Atlantis Bank Oceanic Core Complex. Journal of Geophysical Research: Solid Earth, 2019, 124, 12631-12659.	3.4	53
9	Olivine-rich Troctolites from Ligurian Ophiolites (Italy): Evidence for Impregnation of Replacive Mantle Conduits by MORB-type Melts. Journal of Petrology, 2011, 52, 1763-1790.	2.8	52
10	Blueschist facies metamorphism of peralkaline rhyolites from the Tenda crystalline massif (northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2002, 20, 513-526.	3.4	47
11	Origin of titanian pargasite in gabbroic rocks from the Northern Apennine ophiolites (Italy): insights into the late-magmatic evolution of a MOR-type intrusive sequence. Earth and Planetary Science Letters, 2000, 176, 281-293.	4.4	44
12	Melt transport and deformation history in a nonvolcanic ophiolitic section, northern Apennines, Italy: Implications for crustal accretion at slow spreading settings. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	44
13	Role of ancient, ultra-depleted mantle in Mid-Ocean-Ridge magmatism. Earth and Planetary Science Letters, 2019, 511, 89-98.	4.4	44
14	A mafic-ultramafic cumulate sequence derived from boninite-type melts (Niagara Icefalls, northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.1	43
15	Uâ€“Pb zircon geochronology of the Ligurian ophiolites (Northern Apennine, Italy): Implications for continental breakup to slow seafloor spreading. Tectonophysics, 2016, 666, 220-243.	2.2	41
16	Building of the deepest crust at a fossil slow-spreading centre (Pineto gabbroic sequence, Alpine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	3.1	39
17	Shearing of magma along a high-grade shear zone: Evolution of microstructures during the transition from magmatic to solid-state flow. Journal of Structural Geology, 2012, 37, 150-160.	2.3	35
18	Reactive flow as dominant evolution process in the lowermost oceanic crust: evidence from olivine of the Pineto ophiolite (Corsica). Contributions To Mineralogy and Petrology, 2015, 170, 1.	3.1	35

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19	The magmaticâ€“hydrothermal transition in the lower oceanic crust: Clues from the Ligurian ophiolites, Italy. Geochimica Et Cosmochimica Acta, 2014, 130, 188-211.	3.9	34
20	Evolution of recycled crust within the mantle: Constraints from the garnet pyroxenites of the External Ligurian ophiolites (northern Apennines, Italy). Geology, 2015, 43, 911-914.	4.4	32
21	Trace element redistribution in high-temperature deformed gabbros from East Ligurian ophiolites (Northern Apennines, Italy): constraints on the origin of syndeformation fluids. Journal of Metamorphic Geology, 1995, 13, 367-377.	3.4	30
22	Variably evolved gabbroic intrusions within the Xigaze ophiolite (Tibet): new insights into the origin of ophiolite diversity. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	24
23	Shear zones and metamorphic signature of subducted continental crust as tracers of the evolution of the Corsica/Northern Apennine orogenic system. Geological Society Special Publication, 2004, 224, 321-335.	1.3	22
24	Petrogenesis of Early Permian olivine-bearing cumulates and associated basalt dykes from Bocca di Tenda (Northern Corsica): Implications for post-collisional Variscan evolution. Chemical Geology, 2009, 259, 190-203.	3.3	21
25	Water, lithium and trace element compositions of olivine from Lanzo South replacive mantle dunites (Western Alps): New constraints into melt migration processes at cold thermal regimes. Geochimica Et Cosmochimica Acta, 2017, 214, 51-72.	3.9	21
26	Site U1473. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	20
27	Gabbro-derived granulites from External liguride units (northern Apennine, Italy): implications for the rifting processes in the western Tethys. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 239-249.	1.3	19
28	Alpine Tethys closure as revealed by amphibole-rich mafic and ultramafic rocks from the Adamello and the Bergell intrusions (Central Alps). Journal of the Geological Society, 2014, 171, 793-799.	2.1	19
29	Early-Stage Melt-Rock Reaction in a Cooling Crystal Mush Beneath a Slow-Spreading Mid-Ocean Ridge (IODP Hole U1473A, Atlantis Bank, Southwest Indian Ridge). Frontiers in Earth Science, 2020, 8, .	1.8	19
30	Role of melting process and meltâ€“rock reaction in the formation of Jurassic MORB-type basalts (Alpine ophiolites). Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	16
31	Grain Size Variations Record Segregation of Residual Melts in Slowâ€Spreading Oceanic Crust (Atlantis) Tj ETQq1 1 0.784314 rgBT /Ove e2020JB020997.	3.4	15
32	Evolution of gabbroic rocks of the Northern Apennine ophiolites (Italy): Comparison with the lower oceanic crust from modern slow-spreading ridges. , 2000, , .		14
33	Petrogenetic relationships between peralkaline rhyolite dykes and mafic rocks in the post-Variscan gabbroic complex from Bocca di Tenda (northern Corsica, France). Contributions To Mineralogy and Petrology, 2013, 165, 1073-1085.	3.1	14
34	Crustal thinning and exhumation along a fossil magma-poor distal margin preserved in Corsica: A hot rift to drift transition?. Lithos, 2013, 168-169, 99-112.	1.4	14
35	Tectono-magmatic Interplay and Related Metasomatism in Gabbros of the Chenaillet Ophiolite (Western Alps). Journal of Petrology, 2019, 60, 2483-2508.	2.8	13
36	New perspectives on the origin of olivine-rich troctolites and associated harrisites from the Ligurian ophiolites (Italy). Journal of the Geological Society, 2016, 173, 916-932.	2.1	12

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37	Petrology, geochemistry and Uâ€“Pb zircon geochronology of lower crust pyroxenites from northern Apennine (Italy): insights into the post-collisional Variscan evolution. Contributions To Mineralogy and Petrology, 2009, 157, 813-835.	3.1	10
38	Breaking up continents at magma-poor rifted margins: a seismic v. outcrop perspective. Journal of the Geological Society, 2018, 175, 875-882.	2.1	10
39	Evolution of mantle melts intruding the lowermost continental crust: constraints from the Monte Capioâ€“Alpe Cevia maficâ€“ultramafic sequences (Ivreaâ€“Verbano Zone, northern Italy). Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	10
40	Insights into the origin of mantle graphite and sulphides in garnet pyroxenites from the External Liguride peridotites (Northern Apennine, Italy). Geological Society Special Publication, 2010, 337, 87-105.	1.3	6
41	Zircon Uâ€“Pb geochronology of lower crust and quartzo-feldspathic clastic sediments from the Balagne ophiolite (Corsica). Swiss Journal of Geosciences, 2017, 110, 479-501.	1.2	6
42	Hole U1473A remediation operations, Expedition 362T. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6
43	Contaminating melt flow in magmatic peridotites from the lower continental crust (Rocca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.3	6
44	Early Cambrian oceanic island-arc magmatism at the paleo-Pacific margin of East Gondwana: Evidence from northern Victoria Land (Antarctica). Lithos, 2021, 382-383, 105925.	1.4	1
45	Rifting evolution of the lithospheric subcontinental mantle: New insights from the External Ligurian ophiolites (Northern Apennine, Italy). Lithos, 2022, 410-411, 106571.	1.4	1
46	Fractionation of highly siderophile and chalcogen elements in the lower oceanic crust: Insights from the troctolites of the Alpine-Apennine Jurassic ophiolites. Lithos, 2021, 380-381, 105873.	1.4	0
47	Constraints on the post-Variscan thermal evolution of the Ivrea crustal section (Italian-Swiss Alps) from U Pb dating of relict rutile in middle crust amphibolites. Lithos, 2021, 406-407, 106500.	1.4	0