

Chiara Boschi

List of Publications by Year in descending order

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38
papers

1,712
citations

361413

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39
all docs

39
docs citations

39
times ranked

2050
citing authors

#	ARTICLE	IF	CITATIONS
1	30,000 Years of Hydrothermal Activity at the Lost City Vent Field. <i>Science</i> , 2003, 301, 495-498.	12.6	361
2	Mass transfer and fluid flow during detachment faulting and development of an oceanic core complex, Atlantis Massif (MAR 30A°N). <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	213
3	Isotopic and element exchange during serpentinization and metasomatism at the Atlantis Massif (MAR) Tj ETQq1 1,0,784314 rgBT /Overlock 10 Tf 50 227 Td	3.9	168
4	Enhanced CO ₂ -mineral sequestration by cyclic hydraulic fracturing and Si-rich fluid infiltration into serpentinites at Malenrata (Tuscany, Italy). <i>Chemical Geology</i> , 2009, 265, 209-226.	3.3	103
5	Serpentinization of mantle peridotites along an uplifted lithospheric section, Mid Atlantic Ridge at 11Å° N. <i>Lithos</i> , 2013, 178, 3-23.	1.4	64
6	Spontaneous Serpentine Carbonation Controlled by Underground Dynamic Microclimate at the Montecastelli Copper Mine, Italy. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1.	2.0	64
7	Hydrothermal fluids circulation and travertine deposition in an active tectonic setting: Insights from the Kamara geothermal area (western Anatolia, Turkey). <i>Tectonophysics</i> , 2016, 680, 211-232.	2.2	58
8	Magmatism, serpentinization and life: Insights through drilling the Atlantis Massif (IODP Expedition) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td	2.4	58
9	Carbonate-derived CO ₂ purging magma at depth: Influence on the eruptive activity of Somma-Vesuvius, Italy. <i>Earth and Planetary Science Letters</i> , 2011, 310, 84-95.	4.4	54
10	A multi-proxy record of MIS 11â€“12 deglaciation and glacial MIS 12 instability from the Sulmona basin (central Italy). <i>Quaternary Science Reviews</i> , 2016, 132, 129-145.	3.0	45
11	Crustal-scale fluid circulation and co-seismic shallow comb-veining along the longest normal fault of the central Apennines, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 498, 152-168.	4.4	43
12	Origin and role of fluids involved in the seismic cycle of extensional faults in carbonate rocks. <i>Earth and Planetary Science Letters</i> , 2016, 450, 292-305.	4.4	42
13	Talc-rich hydrothermal rocks from the St. Paul and Conrad fracture zones in the Atlantic Ocean. <i>European Journal of Mineralogy</i> , 2004, 16, 73-83.	1.3	40
14	Architecture and evolution of an extensionally-inverted thrust (Mt. Tancia Thrust, Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td	2.3	36
15	Alteration Heterogeneities in Peridotites Exhumed on the Southern Wall of the Atlantis Massif (IODP) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 227 Td	2,8	95
16	Morphological changes during enhanced carbonation of asbestos containing material and its comparison to magnesium silicate minerals. <i>Journal of Hazardous Materials</i> , 2014, 264, 42-52.	12.4	33
17	Hot fluid pumping along shallow-level collisional thrusts: The Monte Rentella Shear Zone, Umbria Apennine, Italy. <i>Journal of Structural Geology</i> , 2012, 37, 36-52.	2.3	28
18	Fluid history related to the early Eoceneâ€“middle Miocene convergent system of the Northern Apennines (Italy): Constraints from structural and isotopic studies. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27

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19	A Last Interglacial record of environmental changes from the Sulmona Basin (central Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 472, 51-66.	2.3	25
20	Middle Pleistocene (MIS 14) environmental conditions in the central Mediterranean derived from terrestrial molluscs and carbonate stable isotopes from Sulmona Basin (Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 236-246.	2.3	20
21	Brucite-driven CO ₂ uptake in serpentinized dunites (Ligurian Ophiolites, Montecastelli, Tuscany). <i>Lithos</i> , 2017, 288-289, 264-281.	1.4	20
22	NEPHRITE FROM ZĄOTY STOK (SUDETES, SW POLAND): PETROLOGICAL, GEOCHEMICAL, AND ISOTOPIC EVIDENCE FOR A DOLOMITE-RELATED ORIGIN. <i>Canadian Mineralogist</i> , 2015, 53, 533-556.	1.0	19
23	Investigating fossil hydrothermal systems by means of fluid inclusions and stable isotopes in banded travertine: an example from Castelnuovo dell'Abate (southern Tuscany, Italy). <i>International Journal of Earth Sciences</i> , 2016, 105, 659-679.	1.8	19
24	A MIS 9/MIS 8 speleothem record of hydrological variability from Macedonia (F.Y.R.O.M.). <i>Global and Planetary Change</i> , 2018, 162, 39-52.	3.5	19
25	Fluid circulation in the upper brittle crust: Thickness distribution, hydraulic transmissivity fluid inclusion and isotopic data of veins hosted in the Oligocene sandstones of the Macigno Formation in southern Tuscany, Italy. <i>Tectonophysics</i> , 2010, 493, 118-138.	2.2	17
26	Frequency and dynamics of millennial-scale variability during Marine Isotope Stage 19: Insights from the Sulmona Basin (central Italy). <i>Quaternary Science Reviews</i> , 2019, 214, 28-43.	3.0	17
27	Constraints on the sedimentary input into the Loki's Castle hydrothermal system (AMOR) from B isotope data. <i>Chemical Geology</i> , 2016, 443, 111-120.	3.3	13
28	Evidence for carbon cycling in a large freshwater lake in the Balkans over the last 0.5 million years using the isotopic composition of bulk organic matter. <i>Quaternary Science Reviews</i> , 2018, 202, 154-165.	3.0	12
29	Tracking Water-Rock Interaction at the Atlantis Massif (MAR, 30°N) Using Sulfur Geochemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 4561-4583.	2.5	11
30	Time-Dependent Heat Budget of a Thrust from Geological Records and Numerical Experiments. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018940.	3.4	11
31	Serpentinization, Carbonation, and Metasomatism of Ultramafic Sequences in the Northern Apennine Ophiolite (NW Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020619.	3.4	11
32	The role of trapped fluids during the development and deformation of a carbonate/shale intra-wedge tectonic mélange (Mt. Massico, Southern Apennines, Italy). <i>Journal of Structural Geology</i> , 2020, 138, 104086.	2.3	9
33	Geochemistry of serpentinized and multiphase altered Atlantis Massif peridotites (IODP Expedition) Tj ETQq1 1 0.784314 rgBT /Overlaid 594, 120681.	3.3	9
34	Origin of serpentinite-related nephrite from Jordan's and adjacent areas (SW Poland) and its comparison with selected nephrite occurrences.. <i>Geological Quarterly</i> , 0, , .	0.2	5
35	Tectonically driven carbonation of serpentinite by mantle CO ₂ : Genesis of the Castiglioncello magnesite deposit in the Ligurian ophiolite of central Tuscany (Italy). <i>Ore Geology Reviews</i> , 2022, 149, 105022.	2.7	4
36	CO ₂ -Degassing Carbonate Conduits in Early Pleistocene Marine Clayey Deposits in Southwestern Umbria (Central Italy). <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 819.	2.0	1

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37	Corrigendum to “Hydrothermal fluids circulation and travertine deposition in an active tectonic setting: insights from the Kamara geothermal area (western Anatolia, Turkey).” [TECTO. 680 (2016) 211–232]. <i>Tectonophysics</i> , 2016, 687, 268-269.	2.2	0
38	Fluid transfer and vein thickness distribution in high and low temperature hydrothermal systems at shallow crustal level in southern Tuscany (Italy). <i>Annals of Geophysics</i> , 2014, 57, .	1.0	0