

Simona Ferrando

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,225
citations

304743

22
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	An explosive component in a December 2020 Milan earthquake suggests outgassing of deeply recycled carbon. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	4
2	Interlaboratory Application of Raman CO ₂ Densimeter Equations: Experimental Procedure and Statistical Analysis Using Bootstrapped Confidence Intervals. <i>Applied Spectroscopy</i> , 2021, 75, 000370282098760.	2.2	7
3	Morphological and chemical properties of fibrous antigorite from lateritic deposit of New Caledonia in view of hazard assessment. <i>Science of the Total Environment</i> , 2021, 777, 146185.	8.0	9
4	Tiny, glassy, and rapidly trapped: The nano-sized planktic diatoms in Messinian (late Miocene) gypsum. <i>Geology</i> , 2021, 49, 1369-1374.	4.4	12
5	Syn-rift hydrothermal circulation in the Mesozoic carbonates of the western Adriatic continental palaeomargin (Western Southalpine Domain, NW Italy). <i>Basin Research</i> , 2021, 33, 3045-3076.	2.7	3
6	Thermodynamic analysis of HP-UHP fluid inclusions: The solute load and chemistry of metamorphic fluids. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 315, 207-229.	3.9	13
7	A calibrated database of Raman spectra for natural silicate glasses: implications for modelling melt physical properties. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1822-1838.	2.5	16
8	Partial melting due to breakdown of an epidote-group mineral during exhumation of ultrahigh-pressure eclogite: An example from the North-East Greenland Caledonides. <i>Journal of Metamorphic Geology</i> , 2019, 37, 15-39.	3.4	26
9	Potential Fossilized Sulfide-Oxidizing Bacteria in the Upper Miocene Sulfur-Bearing Limestones From the Lorca Basin (SE Spain): Paleoenvironmental Implications. <i>Frontiers in Microbiology</i> , 2019, 10, 1031.	3.5	10
10	Gradual and selective trace-element enrichment in slab-released fluids at sub-arc depths. <i>Scientific Reports</i> , 2019, 9, 16393.	3.3	17
11	What's in the sandwich? New P-T constraints for the (U)HP nappe stack of southern Dora-Maira Massif (Western Alps). <i>European Journal of Mineralogy</i> , 2019, 31, 665-683.	1.3	33
12	The Role of Halogens in the Lithospheric Mantle. <i>Springer Geochemistry</i> , 2018, , 805-845.	0.1	6
13	Active carbon sequestration in the Alpine mantle wedge and implications for long-term climate trends. <i>Scientific Reports</i> , 2018, 8, 4740.	3.3	21
14	Evidence of large-scale Mesozoic detachments preserved in the basement of the Southern Alps (northern Lago di Como area). <i>Italian Journal of Geosciences</i> , 2018, 137, 283-293.	0.8	5
15	Dissolving dolomite in a stable UHP mineral assemblage: Evidence from Cal-Dol marbles of the Dora-Maira Massif (Italian Western Alps). <i>American Mineralogist</i> , 2017, 102, 42-60.	1.9	33
16	Architecture of the Distal Piedmont-Ligurian Rifted Margin in NW Italy: Hints for a Flip of the Rift System Polarity. <i>Tectonics</i> , 2017, 36, 2388-2406.	2.8	35
17	Lithospheric magma dynamics beneath the El Hierro Volcano, Canary Islands: insights from fluid inclusions. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	20
18	Tectono-thermal Evolution of a Distal Rifted Margin: Constraints From the Calizzano Massif (Prepiedmont-Briançonnais Domain, Ligurian Alps). <i>Tectonics</i> , 2017, 36, 3209-3228.	2.8	22

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19	A possible new UHP unit in the Western Alps as revealed by ancient Roman quern-stones from Costigliole Saluzzo, Italy. <i>European Journal of Mineralogy</i> , 2016, 28, 1215-1232.	1.3	3
20	Stone materials used for monumental buildings in the historical centre of Turin (NW Italy): architectural survey and petrographic characterization of Via Roma. <i>Geological Society Special Publication</i> , 2015, 407, 201-218.	1.3	6
21	The chemical behavior of fluids released during deep subduction based on fluid inclusions. <i>American Mineralogist</i> , 2015, 100, 352-377.	1.9	113
22	Are the large filamentous microfossils preserved in Messinian gypsum colorless sulfide-oxidizing bacteria?. <i>Geology</i> , 2015, 43, 855-858.	4.4	36
23	The Monviso Massif and the Cottian Alps as Symbols of the Alpine Chain and Geological Heritage in Piemonte, Italy. <i>Geoheritage</i> , 2015, 7, 65-84.	2.8	9
24	The Monviso Ophiolite Geopark, a Symbol of the Alpine Chain and Geological Heritage in Piemonte, Italy. , 2015, , 239-243.		2
25	The Stone Bridges on the Po River at Turin (NW Italy): A Scientific Dissemination Approach for the Development of Urban Geological Heritage. , 2015, , 207-211.		4
26	Did Late Miocene (Messinian) gypsum precipitate from evaporated marine brines? Insights from the Piedmont Basin (Italy). <i>Geology</i> , 2014, 42, 179-182.	4.4	38
27	Fragments of the Western Alpine Chain as Historic Ornamental Stones in Turin (Italy): Enhancement of Urban Geological Heritage through Geotourism. <i>Geoheritage</i> , 2014, 6, 41-55.	2.8	38
28	Flocculent layers and bacterial mats in the mudstone interbeds of the Primary Lower Gypsum unit (Tertiary Piedmont basin, NW Italy): Archives of palaeoenvironmental changes during the Messinian salinity crisis. <i>Marine Geology</i> , 2014, 355, 71-87.	2.1	31
29	Crust-mantle interactions during subduction of oceanic & continental crust. <i>Geological Field Trips</i> , 2014, 6, 1-73.	0.5	8
30	Mg- and Ca-metasomatism of metagranitoids from the Alps: genesis and possible tectonic scenarios. <i>Terra Nova</i> , 2012, 24, 423-436.	2.1	23
31	Water content and nature of solutes in shallow-mantle fluids from fluid inclusions. <i>Earth and Planetary Science Letters</i> , 2012, 351-352, 70-83.	4.4	50
32	Carboniferous high-pressure metamorphism of Ordovician protoliths in the Argentera Massif (Italy), Southern European Variscan belt. <i>Lithos</i> , 2010, 116, 65-76.	1.4	40
33	Late-Alpine rodingitization in the Bellecombe meta-ophiolites (Aosta Valley, Italian Western Alps): evidence from mineral assemblages and serpentization-derived H ₂ O-bearing brine. <i>International Geology Review</i> , 2010, 52, 1220-1243.	2.1	34
34	Chlorine-rich metasomatic H ₂ O-CO ₂ fluids in amphibole-bearing peridotites from Injibara (Lake Tana) flood basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3023-3039.	3.9	68
35	Metasomatism of continental crust during subduction: the UHP whiteschists from the Southern Dora Maira Massif (Italian Western Alps). <i>Journal of Metamorphic Geology</i> , 2009, 27, 739-756.	3.4	79
36	Plio-Quaternary continental deposits of the Castellamonte area, between Orco and Dora Baltea Basins (Torino Province, Italy). <i>Quaternary International</i> , 2008, 190, 103-111.	1.5	4

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37	Composition and thermal structure of the lithosphere beneath the Ethiopian plateau: evidence from mantle xenoliths in basanites, Injibara, Lake Tana Province. <i>Mineralogy and Petrology</i> , 2008, 93, 47-78.	1.1	33
38	Metamorphic history of HP mafic granulites from the Gesso-Stura Terrain (Argentera Massif, Western) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	30
39	Intermediate Alkali-Alumino-silicate Aqueous Solutions Released by Deeply Subducted Continental Crust: Fluid Evolution in UHP OH-rich Topaz-Kyanite Quartzites from Donghai (Sulu, China). <i>Journal of Petrology</i> , 2007, 48, 1219-1241.	2.8	62
40	Fluid evolution from metamorphic peak to exhumation in Himalayan granulitised eclogites, Ama Drime range, southern Tibet. <i>European Journal of Mineralogy</i> , 2007, 19, 439-461.	1.3	10
41	Multiphase solid inclusions in UHP rocks (Su-Lu, China): Remnants of supercritical silicate-rich aqueous fluids released during continental subduction. <i>Chemical Geology</i> , 2005, 223, 68-81.	3.3	141
42	Fluid-Rock Interaction in UHP Phengite-Kyanite-Epidote Eclogite from the Sulu Orogen, Eastern China. <i>International Geology Review</i> , 2005, 47, 750-774.	2.1	30
43	X-ray single-crystal structure refinement of an OH-rich topaz from Sulu UHP terrane (Eastern China) Structural foundation of the correlation between cell parameters and fluorine content. <i>European Journal of Mineralogy</i> , 2003, 15, 875-881.	1.3	28
44	Paleo-European crust of the Italian Western Alps: Geological history of the Argentera Massif and comparison with Mont Blanc-Aiguilles Rouges and Maures-Tanneron Massifs. <i>Journal of the Virtual Explorer</i> , 0, 36, .	0.0	10
45	IT applications for sharing geoheritage information: the example of the geological and geomorphological trail in the Monviso massif (NW Italy). <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 34, 85-88.	0.3	1