

Andrea Orlando

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

445
citations

687363

13
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Petrogenesis of silicic peralkaline rocks in the Ethiopian rift: Geochemical evidence and volcanological implications. <i>Journal of African Earth Sciences</i> , 2007, 48, 161-173.	2.0	96
2	Experimental determination of plagioclase and clinopyroxene crystal growth rates in an anhydrous trachybasalt from Mt Etna (Italy). <i>European Journal of Mineralogy</i> , 2008, 20, 653-664.	1.3	48
3	Petrology of the 1998-2000 products of Volc�n de Colima, M�xico. <i>Journal of Volcanology and Geothermal Research</i> , 2002, 117, 195-212.	2.1	35
4	The Tianjin geothermal field (north-eastern China): Water chemistry and possible reservoir permeability reduction phenomena. <i>Geothermics</i> , 2008, 37, 400-428.	3.4	29
5	The ancient stained windows by Nicol� di Pietro Gerini in Florence. A novel diagnostic tool for non-invasive in situ diagnosis. <i>Journal of Cultural Heritage</i> , 2007, 8, 235-241.	3.3	24
6	Principal Component Analysis of Near-Infrared and Visible Spectra: An Application to a XIIIth Century Italian Work of Art. <i>Applied Spectroscopy</i> , 1995, 49, 459-465.	2.2	23
7	Dissolution and carbonation of a serpentinite: Inferences from acid attack and high P-T experiments performed in aqueous solutions at variable salinity. <i>Applied Geochemistry</i> , 2011, 26, 1569-1583.	3.0	22
8	Identification of forgeries in historical enamels by combining the non-destructive scanning XRF imaging and alpha-Pixe portable techniques. <i>Microchemical Journal</i> , 2016, 124, 241-246.	4.5	22
9	Mediaeval stained glasses of Pisa cathedral (Italy): their composition and alteration products. <i>Analyst</i> , 1996, 121, 553.	3.5	20
10	Experimental smelting of iron ores from Elba Island (Tuscany, Italy): Results and implications for the reconstruction of ancient metallurgical processes and iron provenance. <i>Journal of Archaeological Science</i> , 2016, 70, 1-14.	2.4	20
11	Provenance of Tertiary volcanoclastic sediment in NW Thrace (Bulgaria): Evidence from detrital amphibole and pyroxene geochemistry. <i>Sedimentary Geology</i> , 2016, 336, 120-137.	2.1	15
12	Experimental Investigation of Biotite-Rich Schist Reacting with B-Bearing Fluids at Upper Crustal Conditions and Correlated Tourmaline Formation. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 155.	2.0	15
13	Experimental analysis on the carbonation rate of Portland cement at room temperature and CO ₂ partial pressure from 1 to 51 �bar. <i>Cement and Concrete Composites</i> , 2021, 124, 104271.	10.7	14
14	Experimental study on a basanite from the McMurdo Volcanic Group, Antarctica: inference on its mantle source. <i>Antarctic Science</i> , 2000, 12, 105-116.	0.9	13
15	Experimental investigation of CO ₂ -rich fluids production in a geothermal area: The Mt Amiata (Tuscany, Italy) case study. <i>Chemical Geology</i> , 2010, 274, 177-186.	3.3	11
16	Metasomatism induced by alkaline magma in the upper mantle of northern Victoria Land (Antarctica): an experimental approach. <i>Geological Society Special Publication</i> , 2008, 293, 279-302.	1.3	9
17	Production of amorphous hydrated impure magnesium carbonate through ex situ carbonation. <i>Applied Geochemistry</i> , 2012, 27, 2500-2510.	3.0	7
18	Experimental study of the K ₂ ZrSi ₃ O ₉ (wadeite) � K ₂ TiSi ₃ O ₉ and K ₂ (Zr,Ti)Si ₃ O ₉ � phlogopite systems at 2 � 3 � GPa. <i>Contributions To Mineralogy and Petrology</i> , 2000, 139, 136-145.	3.1	6

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19	The island of Elba (Tuscany, Italy) at the crossroads of ancient trade routes: an archaeometric investigation of dolia defossa from the archaeological site of San Giovanni. <i>Mineralogy and Petrology</i> , 2016, 110, 693-711.	1.1	5
20	Hydrogen-Rich Gas Produced by the Chemical Neutralization of Reactive By-Products from the Screening Processes of the Secondary Aluminum Industry. <i>Sustainability</i> , 2021, 13, 12261.	3.2	5
21	Relationships between the Sakarya Zone and the Ankaraâ€“Erzincan suture (central-northern Turkey): geological and petrographic data from the Ankaraâ€“Åžankiri, Åžorum and Amasya areas. <i>Geological Magazine</i> , 2018, 155, 506-535.	1.5	3
22	High-Precision In Situ $87\text{Sr}/86\text{Sr}$ Analyses through Microsampling on Solid Samples: Applications to Earth and Life Sciences. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-20.	1.6	3
23	Synthesis of pyrope-grossular garnets: an experimental study at $P = 2.5$ GPa. <i>Mineralogy and Petrology</i> , 2003, 78, 37-51.	1.1	0
24	Experimental Analysis of the Reaction Rate of Hydrated Class G Cement Powder at 11 bar PCO_2 and Ambient Temperature. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 889-892.	0.6	0
25	Synthetic Plagioclases as Support for Future â€œIn-Situâ€œ-Missions: Iron's influence on VNIR Reflectance VNIR Reflectance of Synthetic Plagioclase. , 2018, , .		0