Gennaro Ventruti

List of Publications by Year
in descending order

32 papers	441 citations	623734 14 h-index	752698 20 g-index
32 all docs	32 docs citations	32 times ranked	469 citing authors

#	Article	IF	Citations
1	Geothermal Fluid Variation Recorded by Banded Ca-Carbonate Veins in a Fault-Related, Fissure Ridge-Type Travertine Depositional System (Iano, southern Tuscany, Italy). Geofluids, 2021, 2021, 1-28.	0.7	14
2	New insights into the crystal chemistry of sauconite (Zn-smectite) from the Skorpion zinc deposit (Namibia) via a multi-methodological approach. American Mineralogist, 2021, 106, 290-300.	1.9	3
3	In Situ High-Temperature X-ray Powder Diffraction and Infrared Spectroscopic Study of Melanterite, FeSO4Â·7H2O. Minerals (Basel, Switzerland), 2021, 11, 392.	2.0	2
4	High-temperature study of basic ferric sulfate, FeOHSO4. Physics and Chemistry of Minerals, 2020, 47, 1.	0.8	10
5	Crystal Chemistry of Barian Titanian Phlogopite from a Lamprophyre of the Gargano Promontory (Apulia, Southern Italy). Minerals (Basel, Switzerland), 2020, 10, 766.	2.0	4
6	Crystal-chemistry and vibrational spectroscopy of ferrinatrite, Na3[Fe(SO4)3]Â·3H2O, and its high-temperature decomposition. Physics and Chemistry of Minerals, 2019, 46, 119-131.	0.8	6
7	The enigmatic ascent of Ca-sulphate rocks from a deep dense source layer: evidences of hydration diapirism in the Lesina Marina area (Apulia, southern Italy). International Journal of Earth Sciences, 2019, 108, 1897-1912.	1.8	7
8	X-ray Structure Refinement and Vibrational Spectroscopy of Metavauxite FeAl2(PO4)2(OH)2Â·8H2O. Crystals, 2019, 9, 297.	2.2	2
9	Characterization of magnetite nanoparticles synthetized from Fe(II)/nitrate solutions for arsenic removal from water. Journal of Environmental Chemical Engineering, 2019, 7, 102986.	6.7	30
10	Ni-serpentine nanoflakes in the garnierite ore from Campello Monti (Strona Valley, Italy): NÃ©pouite with some pecoraite outlines and the processing of Ni-containing ore bodies. American Mineralogist, 2018, 103, 629-644.	1.9	8
11	Structure Refinement and Vibrational Spectroscopy of Vauxite From the Type Locality, Llallagua (Bolivia). Canadian Mineralogist, 2016, 54, 163-176.	1.0	6
12	Hydrogen bond system and vibrational spectroscopy of the iron sulfate fibroferrite, Fe(OH)SO4Â·5H2O. European Journal of Mineralogy, 2016, 28, 943-952.	1.3	13
13	In situ high-temperature X-ray diffraction and spectroscopic study of fibroferrite, FeOH(SO4)Â·5H2O. Physics and Chemistry of Minerals, 2016, 43, 587-595.	0.8	3
14	Crystal chemistry and light elements analysis of Ti-rich garnets. American Mineralogist, 2016, 101, 371-384.	1.9	20
15	Calcium tartrate esahydrate, CaC4H4O6Â·6H2O: a structural and spectroscopic study. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 68-73.	1.1	4
16	In situ high-temperature XRD and FTIR investigation of hohmannite, a water-rich Fe-sulfate, and its decomposition products. Journal of Thermal Analysis and Calorimetry, 2015, 119, 1793-1802.	3.6	9
17	A structural study of cyanotrichite from Dachang by conventional and automated electron diffraction. Physics and Chemistry of Minerals, 2015, 42, 651-661.	0.8	7
18	The thermal stability of sideronatrite and its decomposition products in the system Na2Oâ€“Fe2O3â€“SO2â€“H2O. Physics and Chemistry of Minerals, 2013, 40, 659-670.	0.8	10

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19	Mechanochemical degradation of pentachlorophenol onto birnessite. Journal of Hazardous Materials, 2013, 244-245, 303-310.	12.4	37
20	Fluorophlogopite from Piano delle Concazze (Mt. Etna, Italy): Crystal chemistry and implications for the crystallization conditions. American Mineralogist, 2013, 98, 1017-1025.	1.9	14
21	Mechanochemical transformation of an organic ligand on mineral surfaces: The efficiency of birnessite in catechol degradation. Journal of Hazardous Materials, 2012, 201-202, 148-154.	12.4	15
22	Crystal structure of Na3Fe(SO4)3: A high-temperature product (Â400 ÂC) of sideronatrite [Na2Fe(SO4)2OH{middle dot}3H2O]. American Mineralogist, 2011, 96, 1107-1111.	1.9	5
23	Metasideronatrite: Crystal structure and its relation with sideronatrite. American Mineralogist, 2010, 95, 329-334.	1.9	16
24	Kinetics of Fe-oxidation/deprotonation process in Fe-rich phlogopite under isothermal conditions. American Mineralogist, 2010, 95, 1458-1466.	1.9	17
25	High-temperature treatment, hydrogen behaviour and cation partitioning of a FeTi bearing volcanic phlogopite by in situ neutron powder diffraction and FTIR spectroscopy. European Journal of Mineralogy, 2009, 21, 385-396.	1.3	12
26	Red micas from basal ignimbrites of Mt. Vulture (Italy): interlayer content appraisal by a multi-methodic approach. Physics and Chemistry of Minerals, 2008, 35, 163-174.	0.8	22
27	Thermal behavior of a Ti-rich phlogopite from Mt. Vulture (Potenza, Italy): An in situ X-ray single-crystal diffraction study. American Mineralogist, 2008, 93, 632-643.	1.9	29
28	Fluorophlogopite from Biancavilla (Mt. Etna, Sicily, Italy): Crystal structure and crystal chemistry of a new F-dominant analog of phlogopite. American Mineralogist, 2007, 92, 1601-1609.	1.9	31
29	Ti-rich phlogopite from Mt. Vulture (Potenza, Italy) investigated by a multianalytical approach: substitutional mechanisms and orientation of the OH dipoles. European Journal of Mineralogy, 2006, 18, 379-391.	1.3	36
30	The order-disorder character of FeOHSO4 obtained from the thermal decomposition of metahohmannite, Fe3+2(H2O)4[O(SO4)2]. American Mineralogist, 2005, 90, 679-686.	1.9	21
31	The structure of metahohmannite, Fe₂³⁺[O(SO₄)₂]Â·4H₂O, by in situ synchrotron powder diffraction. American Mineralogist, 2004, 89, 365-370.	1.9	14
32	Trioctahedral micas-1M from Mt. Vulture (Italy): Structural disorder and crystal chemistry. European Journal of Mineralogy, 2001, 13, 1057-1069.	1.3	14