

# Mario Tribaudino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9546682/publications.pdf>

Version: 2024-02-01

114  
papers

2,140  
citations

236925

25  
h-index

330143

37  
g-index

116  
all docs

116  
docs citations

116  
times ranked

1756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-Raman mapping of the polymorphs of serpentine. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 953-958.	2.5	107
2	Thermal expansion of plagioclase feldspars. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 899-908.	3.1	83
3	The high-temperature $P_1$ - $C_2$ phase transition in Fe-free pyroxene ( $\text{Ca}_{0.15}\text{Mg}_{1.85}\text{Si}_2\text{O}_6$ ): Structural and thermodynamic behavior. <i>American Mineralogist</i> , 2002, 87, 648-657.	1.9	64
4	The Raman spectrum of diopside: a comparison between ab initio calculated and experimentally measured frequencies. <i>European Journal of Mineralogy</i> , 2012, 24, 457-464.	1.3	60
5	Primary trapped melt inclusions in olivine in the olivine-augite-orthopyroxene ureilite Hughes 009. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 621-652.	3.9	58
6	Ni-free, black ceramic pigments based on $\text{Co}^{2+}\text{Cr}^{3+}\text{Fe}^{3+}\text{Mn}$ spinels: A reappraisal of crystal structure, colour and technological behaviour. <i>Ceramics International</i> , 2013, 39, 9533-9547.	4.8	54
7	High-pressure behaviour along the jadeite $\text{NaAlSi}_2\text{O}_6$ -aegirine $\text{NaFeSi}_2\text{O}_6$ solid solution up to 10 GPa. <i>Physics and Chemistry of Minerals</i> , 2006, 33, 417-425.	0.8	52
8	The crystal structure of pyroxenes along the jadeite hedenbergite and jadeite aegirine joins. <i>American Mineralogist</i> , 2007, 92, 1492-1501.	1.9	50
9	High-pressure behaviour of Ca-rich $C_2/c$ clinopyroxenes along the join diopside-enstatite ( $\text{CaMgSi}_2\text{O}_6$ ). <i>Journal of Raman Spectroscopy</i> , 2015, 46, 784-814.	0.8	46
10	Raman spectroscopy of $(\text{Ca,Mg})\text{MgSi}_2\text{O}_6$ clinopyroxenes. <i>American Mineralogist</i> , 2012, 97, 1339-1347.	1.9	44
11	A comparison between ab initio calculated and measured Raman spectrum of triclinic albite ( $\text{NaAlSi}_3\text{O}_8$ ). <i>Journal of Raman Spectroscopy</i> , 2015, 46, 501-508.	2.5	42
12	Plagioclase composition by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 684-698.	2.5	41
13	Tilts and tetrahedra: The origin of the anisotropy of feldspars. <i>American Mineralogist</i> , 2012, 97, 765-778.	1.9	39
14	High pressure behavior, transformation and crystal structure of synthetic iron-free pigeonite. <i>American Mineralogist</i> , 2004, 89, 189-196.	1.9	38
15	Single-crystal thermometric calibration of Fe-Mg order-disorder in pigeonites. <i>American Mineralogist</i> , 2000, 85, 953-962.	1.9	34
16	A transmission electron microscope investigation of the $C_2/c \rightarrow P2_1/c$ phase transition in clinopyroxenes along the diopside-enstatite ( $\text{CaMgSi}_2\text{O}_6$ - $\text{Mg}_2\text{Si}_2\text{O}_6$ ) join. <i>American Mineralogist</i> , 2000, 85, 707-715.	1.9	33
17	$P2_1/c \rightarrow C_2/c$ high-pressure phase transition in $\text{Ca}_{0.5}\text{Mg}_{1.5}\text{Si}_2\text{O}_6$ clinopyroxene. <i>American Mineralogist</i> , 2001, 86, 807-813.	1.9	31
18	The high-temperature $P_2/c \rightarrow C_2/c$ phase transition in Fe-free Ca-rich $P_2/c$ clinopyroxenes. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 527-535.	0.8	31

#	ARTICLE	IF	CITATIONS
19	Synthesis and Neutron Diffraction Study of La <sub>5</sub> Si <sub>2</sub> BO <sub>13</sub> , an Analog of the Apatite Mineral. Journal of Solid State Chemistry, 2000, 155, 389-393.	2.9	30
20	Average and local structure in P2 <sub>1</sub> /c clinopyroxenes along the join diopside-enstatite (CaMgSi <sub>2</sub> O <sub>6</sub> -Mg <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> ). European Journal of Mineralogy, 2002, 14, 549-555.	1.3	30
21	Multi-technique investigation of archaeological pottery from Parma (Italy). Journal of Raman Spectroscopy, 2010, 41, 1556-1561.	2.5	29
22	Pyrometamorphic Processes at the Magma-Hydrothermal System Interface of Active Volcanoes: Evidence from Buchite Ejecta of Stromboli (Aeolian Islands, Italy). Journal of Petrology, 2011, 52, 541-564.	2.8	29
23	Thermoelastic and thermodynamic properties of plagioclase feldspars from thermal expansion measurements. American Mineralogist, 2011, 96, 992-1002.	1.9	28
24	Compressional behaviour of CaNiSi <sub>2</sub> O <sub>6</sub> clinopyroxene: bulk modulus systematic and cation type in clinopyroxenes. Physics and Chemistry of Minerals, 2005, 32, 222-227.	0.8	27
25	Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. Science of the Total Environment, 2018, 621, 687-696.	8.0	27
26	The structure of ordered and disordered lead feldspar (PbAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> ). American Mineralogist, 1996, 81, 1337-1343.	1.9	26
27	Average structure and M2 site configurations in C2/c clinopyroxenes along the Di-En join. Contributions To Mineralogy and Petrology, 1989, 103, 452-456.	3.1	25
28	Single-crystal X-ray and Raman investigation on melanophlogite from Varano Marchesi (Parma, Italy). American Mineralogist, 2008, 93, 88-94.	1.9	25
29	Raman spectroscopy of CaM <sup>2+</sup> Ge <sub>2</sub> O <sub>6</sub> (M <sup>2+</sup> = Mg, Mn, Tj) ETQq1 1 0.784	2.5	25
30	Cordierite-anorthoclase hornfels xenoliths in Stromboli lavas (Aeolian Islands, Sicily): an example of a fast cooled contact aureole. European Journal of Mineralogy, 2003, 15, 665-679.	1.3	24
31	A SINGLE-CRYSTAL NEUTRON-DIFFRACTION INVESTIGATION OF DIOPSIDE AT 10 K. Canadian Mineralogist, 2000, 38, 183-189.	1.0	24
32	Solid solutions and phase transitions in (Ca,M <sup>2+</sup> )M <sup>2+</sup> Si <sub>2</sub> O <sub>6</sub> pyroxenes (M <sup>2+</sup> = Co, Fe, Mg). American Mineralogist, 2014, 99, 704-711.	1.9	23
33	Orthopyroxene from the Serra de Mage Meteorite; structure refinement and estimation of C2/c pyroxene contributions to apparent Pbc <sub>a</sub> diffraction violations. American Mineralogist, 1995, 80, 923-929.	1.9	22
34	Thermal expansion along the NaAlSi <sub>2</sub> O <sub>6</sub> –NaFe <sub>3</sub> Si <sub>2</sub> O <sub>6</sub> and NaAlSi <sub>2</sub> O <sub>6</sub> –CaFe <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> solid solutions. Physics and Chemistry of Minerals, 2008, 35, 241-248.	0.8	22
35	Raman modes in Pbc <sub>a</sub> enstatite (Mg <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> ): an assignment by quantum mechanical calculation to interpret experimental results. Journal of Raman Spectroscopy, 2016, 47, 1247-1258.	2.5	22
36	A SINGLE-CRYSTAL NEUTRON-DIFFRACTION INVESTIGATION OF SPODUMENE AT 54 K. Canadian Mineralogist, 2003, 41, 521-527.	1.0	21

#	ARTICLE	IF	CITATIONS
37	The structure of (Ca,Co)CoSi <sub>2</sub> O <sub>6</sub> pyroxenes and the Ca-M <sub>2+</sub> substitution in (Ca,M <sub>2+</sub> )M <sub>2+</sub> Si <sub>2</sub> O <sub>6</sub> pyroxenes (M <sub>2+</sub> = Co, Fe, Mg). <i>American Mineralogist</i> , 2013, 98, 1241-1252.	1.9	21
38	Antarctic FRO90011 lodranite: Cooling history from pyroxene crystal chemistry and microstructure. <i>Earth and Planetary Science Letters</i> , 1994, 128, 479-487.	4.4	20
39	Structural variations induced by thermal treatment in lead feldspar (PbAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> ). <i>American Mineralogist</i> , 1998, 83, 159-166.	1.9	20
40	Synthesis and color performance of CaCoSi <sub>2</sub> O <sub>6</sub> pyroxene, a new ceramic colorant. <i>Dyes and Pigments</i> , 2015, 120, 118-125.	3.7	20
41	High-temperature crystal chemistry of C2/c clinopyroxenes along the join CaMgSi <sub>2</sub> O <sub>6</sub> -CaAl <sub>2</sub> SiO <sub>6</sub> . <i>European Journal of Mineralogy</i> , 1996, 8, 273-280.	1.3	20
42	Charge-density analysis of spodumene (LiAlSi <sub>2</sub> O <sub>6</sub> ), from ab initio Hartree-Fock calculations. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 606-614.	0.8	19
43	Mineral fibres and environmental monitoring: A comparison of different analytical strategies in New Caledonia. <i>Geoscience Frontiers</i> , 2020, 11, 189-202.	8.4	19
44	RIETVELD REFINEMENT OF CLINOPYROXENES WITH INTERMEDIATE Ca-CONTENT ALONG THE JOIN DIOPSIDE ENSTATITE. <i>Canadian Mineralogist</i> , 2005, 43, 1411-1421.	1.0	18
45	Reuse of Stabilized Municipal Solid Waste Incinerator Fly Ash in Asphalt Mixtures. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	18
46	Al-Si order and spinodal decomposition texture of a sanidine from igneous clasts of Stromboli (southern Italy): insights into the timing between the emplacement of a shallow basic sheet intrusion and the eruption of related ejecta. <i>European Journal of Mineralogy</i> , 2008, 20, 183-190.	1.3	17
47	The crystal structure of Ca <sub>0.8</sub> Mg <sub>1.2</sub> Si <sub>2</sub> O <sub>6</sub> clinopyroxene (Di <sub>80</sub> En <sub>20</sub> ) at $T = 130^{\circ}, 25^{\circ}, 400^{\circ}$ and $700^{\circ}\text{C}$ . <i>Zeitschrift für Kristallographie</i> , 1990, 192, 183-199.	1.1	16
48	Al-Si ordering in Sr-feldspar SrAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> : IR, TEM and single-crystal XRD evidences. <i>Physics and Chemistry of Minerals</i> , 1995, 22, 343.	0.8	16
49	Phase transition induced by solid solution: The BCa-BMg substitution in richteritic amphiboles. <i>American Mineralogist</i> , 2010, 95, 369-381.	1.9	16
50	Transmission electron microscope texture and crystal chemistry of coexisting ortho- and clinopyroxene in the Antarctic ureilite Frontier Mountain 90054: Implications for thermal history. <i>Meteoritics and Planetary Science</i> , 1997, 32, 671-678.	1.6	15
51	High-T phase transition of synthetic ANaB(LiMg)CMg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub> amphibole: an X-ray synchrotron powder diffraction and FTIR spectroscopic study. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 515-523.	0.8	15
52	High temperature single crystal investigation in a clinopyroxene of composition (Na <sub>0.5</sub> Ca <sub>0.5</sub> )(Cr <sub>0.5</sub> Mg <sub>0.5</sub> )Si <sub>2</sub> O <sub>6</sub> . <i>European Journal of Mineralogy</i> , 2005, 17, 297-304.	1.3	15
53	Synthetic P21/m amphiboles in the system Li <sub>2</sub> O-Na <sub>2</sub> O-MgO-SiO <sub>2</sub> -H <sub>2</sub> O (LNMSH). <i>American Mineralogist</i> , 2006, 91, 425-429.	1.9	15
54	Bulk modulus variation along the diopsidekosmochlor solid solution. <i>European Journal of Mineralogy</i> , 2009, 21, 591-597.	1.3	15

#	ARTICLE	IF	CITATIONS
55	The structure of Pbc orthopyroxenes along the join diopside-enstatite (CaMgSi <sub>2</sub> O <sub>6</sub> -Mg <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> ). European Journal of Mineralogy, 2003, 15, 365-371.	1.3	14
56	High-pressure phase transitions in Ca <sub>0.2</sub> Sr <sub>0.8</sub> Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> feldspar. American Mineralogist, 2004, 89, 1474-1479.	1.9	14
57	Microtextures and crystal chemistry of pigeonite in the ureilites ALHA77257, RKP80239, Yâ€791538, and ALHA81101. Meteoritics and Planetary Science, 2006, 41, 979-988.	1.6	14
58	<i>Ab initio</i> simulations and experimental Raman spectra of Mg <sub>2</sub> SiO <sub>4</sub> forsterite to simulate Mars surface environmental conditions. Journal of Raman Spectroscopy, 2017, 48, 1528-1535.	2.5	14
59	I <sub>2</sub> /c phase transition in alkaline-earth feldspars along the CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> -SrAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> join: Thermodynamic behaviour. Physics and Chemistry of Minerals, 1993, 20, 221.	0.8	13
60	I <sub>1</sub> -I <sub>2</sub> /c phase transition in alkaline-earth feldspars; evidence from TEM observations of Sr-rich feldspar along the CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> -SrAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> join. American Mineralogist, 1995, 80, 907-915.	1.9	13
61	The thermal behavior of richterite. American Mineralogist, 2008, 93, 1659-1665.	1.9	13
62	High-pressure Raman spectroscopy of Ca(Mg,Co)Si <sub>2</sub> O <sub>6</sub> and Ca(Mg,Co)Ge <sub>2</sub> O <sub>6</sub> clinopyroxenes. Journal of Raman Spectroscopy, 2017, 48, 1443-1448.	2.5	13
63	Raman spectroscopy of CaCoSi <sub>2</sub> O <sub>6</sub> –Co <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> clinopyroxenes. Physics and Chemistry of Minerals, 2015, 42, 179-189.	0.8	12
64	Orthopyroxenes from granulite rocks of the Wilson Terrane (Victoria Land, Antarctica): crystal chemistry and cooling history. European Journal of Mineralogy, 1992, 4, 453-464.	1.3	12
65	Synthesis, TEM characterization and thermal behaviour of LiNiSi <sub>2</sub> O <sub>6</sub> pyroxene. Physics and Chemistry of Minerals, 2009, 36, 527-536.	0.8	11
66	A high-pressure cubic-to-tetragonal phase-transition in melanophlogite, a SiO <sub>2</sub> clathrate phase. Microporous and Mesoporous Materials, 2010, 129, 267-273.	4.4	11
67	Thermal expansion in C <sub>2</sub> /c pyroxenes: a review and new high-temperature structural data for a pyroxene of composition (Na <sub>0.53</sub> Ca <sub>0.47</sub> )(Al <sub>0.53</sub> Fe <sub>0.47</sub> )Si <sub>2</sub> O <sub>6</sub> (Jd <sub>53</sub> Hd <sub>47</sub> ). Mineralogical Magazine, 2014, 78, 311-324.	1.4	11
68	Ca-Zn solid solutions in C <sub>2</sub> /c pyroxenes: Synthesis, crystal structure, and implications for Zn geochemistry. American Mineralogist, 2015, 100, 2209-2218.	1.9	11
69	Colour of Ca(Co Mg <sub>1-x</sub> )Si <sub>2</sub> O <sub>6</sub> pyroxenes and their technological behaviour as ceramic colorants. Ceramics International, 2018, 44, 12745-12753.	4.8	11
70	Understanding room-temperature magnetic properties of anthropogenic ashes from municipal solid waste incineration to assess potential impacts and resources. Journal of Cleaner Production, 2020, 262, 121209.	9.3	11
71	Crystal structure of Di <sub>50</sub> CaTs <sub>50</sub> synthetic clinopyroxene (CaMg <sub>0.50</sub> AlSi <sub>1.50</sub> O <sub>6</sub> ). Crystal chemistry along the Di-CaTs join. Mineralogy and Petrology, 1988, 38, 189-200.	1.1	10
72	High-temperature in situ structural investigation on lead feldspar. American Mineralogist, 1999, 84, 120-129.	1.9	10

#	ARTICLE	IF	CITATIONS
73	Raman Investigation on Pigeonite in Ureilite. <i>Spectroscopy Letters</i> , 2011, 44, 480-485.	1.0	10
74	High-pressure Raman spectroscopy on low albite. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 213-220.	0.8	10
75	Magnetic and SEM-EDS analyses of Tilia cordata leaves and PM10 filters as a complementary source of information on polluted air: Results from the city of Parma (Northern Italy). <i>Environmental Pollution</i> , 2018, 239, 777-787.	7.5	10
76	High pressure behaviour of lead feldspar (PbAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> ). <i>Physics and Chemistry of Minerals</i> , 1999, 26, 367-374.	0.8	9
77	TEM observations on the P1 <sub>1</sub> ...-I1 <sub>1</sub> ... phase transition in feldspars along the join CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> -SrAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> . <i>American Mineralogist</i> , 2000, 85, 963-970.	1.9	9
78	Microtextures and crystal chemistry in P 2 1 / c pigeonites. <i>Mineralogy and Petrology</i> , 2003, 77, 161-176.	1.1	9
79	Thermodynamic behaviour of the high-temperature P 1 {ext{-}} lar 1 S\$ phase transition along the CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> â€“SrAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> join. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 314-321.	0.8	9
80	Low-temperature behavior of NaGaSi <sub>2</sub> O <sub>6</sub> . <i>American Mineralogist</i> , 2007, 92, 560-569.	1.9	9
81	The high-temperature P21/m -&gt; C2/m phase transitions in synthetic amphiboles along the richterite-(BMg)-richterite join. <i>American Mineralogist</i> , 2011, 96, 353-363.	1.9	9
82	Zaoyang chondrite cooling history from Fe <sup>2+</sup> -Mg intracrystalline ordering in pyroxenes. <i>Mineralogical Magazine</i> , 1994, 58, 143-150.	1.4	9
83	Detrital orthopyroxene as a tracer of geodynamic setting:. <i>Chemical Geology</i> , 2022, 596, 120809.	3.3	9
84	TEM investigation of Ca-rich plagioclase: Structural fluctuations related to the IFormula-PFormula phase transition. <i>American Mineralogist</i> , 2007, 92, 1080-1086.	1.9	8
85	The thermodynamics of the I S\$ overline{1} S\$ â€“P S\$ overline{1} S\$ phase transition in Ca-rich plagioclase from an assessment of the spontaneous strain. <i>Physics and Chemistry of Minerals</i> , 2012, 39, 699-712.	0.8	8
86	Particle Size and Potential Toxic Element Speciation in Municipal Solid Waste Incineration (MSWI) Bottom Ash. <i>Sustainability</i> , 2021, 13, 1911.	3.2	8
87	A high temperature in situ single-crystal study of P4/n vesuvianite. <i>European Journal of Mineralogy</i> , 1999, 11, 1037-1042.	1.3	8
88	Re-using Ladle Furnace Steel slags as filler in asphalt mixtures. <i>Construction and Building Materials</i> , 2022, 323, 126420.	7.2	8
89	I1 <sub>1</sub> , â€“ I2/c ferroelastic phase transition in the Ca <sub>0.2</sub> Pb <sub>0.8</sub> Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> feldspar as a function of temperature. <i>Mineralogical Magazine</i> , 2000, 64, 285-290.	1.4	7
90	THE COMPRESSIONAL BEHAVIOR OF P4/n VESUVIANITE. <i>Canadian Mineralogist</i> , 2001, 39, 145-151.	1.0	7

#	ARTICLE	IF	CITATIONS
91	<sc>Al</sc> ordering in albite: A combined single-crystal X-ray diffraction and Raman spectroscopy study. Journal of Raman Spectroscopy, 2018, 49, 2028-2035.	2.5	7
92	Portable Raman Spectrometer for In Situ Analysis of Asbestos and Fibrous Minerals. Applied Sciences (Switzerland), 2021, 11, 287.	2.5	7
93	Cation ordering and phase transitions in feldspars along the join CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> -SrAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> : a TEM, IR and XRD investigation. Mineralogical Magazine, 2009, 73, 119-130.	1.4	6
94	Co <sup>2+</sup> -doped diopside: crystal structure and optical properties. Physics and Chemistry of Minerals, 2018, 45, 443-461.	0.8	6
95	Effect of Al on enstatite solubility in CMAS clinopyroxenes: 2 - Crystal chemical considerations. European Journal of Mineralogy, 1994, 6, 77-86.	1.3	6
96	Silica-Free Mullite Structures in the Al <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> Ternary System. Chemistry of Materials, 2001, 13, 103-108.	6.7	5
97	High-pressure Raman study of CH <sub>4</sub> in melanophlogite (type I clathrate). Mineralogical Magazine, 2014, 78, 1661-1669.	1.4	5
98	Synthesis and crystal structure of Ca <sub>2</sub> (Co,Mg)Si <sub>2</sub> O <sub>6</sub> pyroxenes: effect of the cation substitution on cell volume. Mineralogical Magazine, 2017, 81, 1129-1139.	1.4	5
99	The structure of P <sub>2</sub> C <sub>1</sub> (Ca <sub>0.2</sub> Co <sub>0.8</sub> )CoSi <sub>2</sub> O <sub>6</sub> pyroxene and the P <sub>2</sub> C <sub>1</sub> phase transition in natural and synthetic Ca <sup>2+</sup> Mg <sup>2+</sup> Fe <sup>2+</sup> pyroxenes. Mineralogical Magazine, 2018, 82, 211-228.	1.4	5
100	Cholecystocutaneous fistula containing multiple gallstones in a dog. Canadian Veterinary Journal, 2014, 55, 1163-6.	0.0	5
101	Solid solution along the synthetic LiAlSi <sub>2</sub> O <sub>6</sub> -LiFeSi <sub>2</sub> O <sub>6</sub> (spodumene-ferri-spodumene) join: A general picture of solid solutions, bond lengths, lattice strains, steric effects, symmetries, and chemical compositions of Li clinopyroxenes. American Mineralogist, 2016, 101, 2498-2513.	1.9	4
102	A mineralogical approach to the authentication of an archaeological artefact: Real ancient bronze from Roman Age or fake?. Journal of Cultural Heritage, 2016, 21, 876-880.	3.3	4
103	Low-temperature crystal structure evolution of (Na,Ca)(Cr,Mg)Si <sub>2</sub> O <sub>6</sub> pyroxene. Mineralogical Magazine, 2008, 72, 809-816.	1.4	3
104	A comprehensive study of the magnetic properties of the pyroxene series CaMgSi <sub>2</sub> O <sub>6</sub> - Co <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> as a function of Co content. Journal of Physics Condensed Matter, 2018, 30, 285801.	1.8	3
105	Experimental and calculated Raman spectra in Ca <sup>2+</sup> Zn pyroxenes and a comparison between (Ca <sub>x</sub> M <sub>2-1x</sub> )M <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> pyroxenes (M <sub>2</sub> =Mg, Co, Zn, Fe <sup>2+</sup> ). Physics and Chemistry of Minerals, 2019, 46, 827-837.	1.6	3
106	Thermal expansion of minerals in the amphibole supergroup. American Mineralogist, 2021, , .	1.9	3
107	Caratterizzazione in microscopia SEM-EDS del cemento endodontico MTA: un confronto tra diversi prodotti. Giornale Italiano Di Endodonzia, 2011, 25, 33-40.	0.3	2
108	The deposition from the Cross in the church of Saint-Germain-en-Laye (France): A masterpiece of Romanesque sculpture? Materials characterization to solve a 20th c. mystery. Journal of Cultural Heritage, 2019, 40, 133-142.	3.3	2

#	ARTICLE	IF	CITATIONS
109	Degassing and phase transitions with temperature in melanophlogite. <i>Microporous and Mesoporous Materials</i> , 2019, 286, 9-17.	4.4	2
110	Geochemical and magnetic data on anthropogenic ashes from municipal solid waste incineration (MSWI). <i>Data in Brief</i> , 2020, 31, 105728.	1.0	1
111	Magnetic particle monitoring on leaves in winter: a pilot study on a highly polluted location in the Po plain (Northern Italy). <i>Environmental Science and Pollution Research</i> , 2022, 29, 63171-63181.	5.3	1
112	Habitat characterization of two <i>Pinguicula</i> species (Lentibulariaceae) in the western Alps. <i>Plant Ecology and Evolution</i> , 2016, 149, 81-91.	0.7	0
113	Cathodoluminescence, Raman and scanning electron microscopy with energy dispersion system mapping to unravel the mineralogy and texture of an altered Ca <sub>2</sub> Al <sub>2</sub> Si <sub>2</sub> O <sub>10</sub> (OH) <sub>2</sub> inclusion in Renazzo CR2 carbonaceous chondrite. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1892.	2.5	0
114	The response of frameworks to PandT: of tilts and tetrahedra in feldspars. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s45-s45.	0.3	0