

# Mario Tribaudino

## List of Publications by Year in descending order

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114  
papers

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times ranked

1756  
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#	ARTICLE	IF	CITATIONS
1	Re-using Ladle Furnace Steel slags as filler in asphalt mixtures. <i>Construction and Building Materials</i> , 2022, 323, 126420.	7.2	8
2	Detrital orthopyroxene as a tracer of geodynamic setting:. <i>Chemical Geology</i> , 2022, 596, 120809.	3.3	9
3	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
4	Particle Size and Potential Toxic Element Speciation in Municipal Solid Waste Incineration (MSWI) Bottom Ash. <i>Sustainability</i> , 2021, 13, 1911.	3.2	8
5	Thermal expansion of minerals in the amphibole supergroup. <i>American Mineralogist</i> , 2021, , .	1.9	3
6	Cathodoluminescence, Raman and scanning electron microscopy with energy dispersion system mapping to unravel the mineralogy and texture of an altered Ca <sup>2+</sup> ;Al <sup>3+</sup> rich inclusion in Renazzo CR2 carbonaceous chondrite. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1892.	2.5	0
7	Portable Raman Spectrometer for In Situ Analysis of Asbestos and Fibrous Minerals. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 287.	2.5	7
8	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
9	Geochemical and magnetic data on anthropogenic ashes from municipal solid waste incineration (MSWI). <i>Data in Brief</i> , 2020, 31, 105728.	1.0	1
10	Understanding room-temperature magnetic properties of anthropogenic ashes from municipal solid waste incineration to assess potential impacts and resources. <i>Journal of Cleaner Production</i> , 2020, 262, 121209.	9.3	11
11	Experimental and calculated Raman spectra in Ca <sup>2+</sup> Zn pyroxenes and a comparison between (Ca <sub>x</sub> M <sub>2+1-x</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> ). <i>Physics and Chemistry of Minerals</i> , 2019, 46, 827-837.	4.6	3
12	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. <i>Journal of Cultural Heritage</i> , 2019, 40, 133-142.	3.3	2
13	Degassing and phase transitions with temperature in melanophlogite. <i>Microporous and Mesoporous Materials</i> , 2019, 286, 9-17.	4.4	2
14	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. <i>Ceramics International</i> , 2018, 44, 12745-12753.	4.8	11
15	Plagioclase composition by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 684-698.	2.5	41
16	Co <sup>2+</sup> -doped diopside: crystal structure and optical properties. <i>Physics and Chemistry of Minerals</i> , 2018, 45, 443-461.	0.8	6
17	Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. <i>Science of the Total Environment</i> , 2018, 621, 687-696.	8.0	27
18	<sc>Al <sup>3+</sup> Si</sc> ordering in albite: A combined single-crystal <sc>X</sc>-ray diffraction and <sc>Raman</sc> spectroscopy study. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 2028-2035.	2.5	7

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19	A comprehensive study of the magnetic properties of the pyroxenes series $\text{CaMgSi}_2\text{O}_6$ – $\text{CoSi}_2\text{O}_6$ as a function of Co content. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 285801.	1.8	3
20	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
21	The structure of $\text{P}_{1-c}\text{C}_c$ ( $\text{Ca}_{0.2}\text{Co}_{0.8}\text{CoSi}_2\text{O}_6$ ) pyroxene and the $\text{C}_2/\text{C}$ phase transition in natural and synthetic $\text{Ca}^{\text{Mg}}\text{Fe}^{2+}$ pyroxenes. <i>Mineralogical Magazine</i> , 2018, 82, 211-228.	1.4	5
22	Magnetic and SEM-EDS analyses of <i>Tilia cordata</i> 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
23	High-pressure Raman spectroscopy of $\text{Ca}(\text{Mg},\text{Co})\text{Si}_2\text{O}_6$ and $\text{Ca}(\text{Mg},\text{Co})\text{Ge}_2\text{O}_6$ clinopyroxenes. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1443-1448.	2.5	13
24	<i>Ab initio</i> simulations and experimental Raman spectra of $\text{Mg}_2\text{SiO}_4$ forsterite to simulate Mars surface environmental conditions. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1528-1535.	2.5	14
25	High-pressure Raman spectroscopy on low albite. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 213-220.	0.8	10
26	Synthesis and crystal structure of $\text{Ca}(\text{Co},\text{Mg})\text{Si}_2\text{O}_6$ pyroxenes: effect of the cation substitution on cell volume. <i>Mineralogical Magazine</i> , 2017, 81, 1129-1139.	1.4	5
27	Raman modes in <i>Pbca</i> enstatite ( $\text{Mg}_2\text{Si}_2\text{O}_6$ ): an assignment by quantum mechanical calculation to interpret experimental results. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1247-1258.	2.5	22
28	Solid solution along the synthetic $\text{LiAlSi}_2\text{O}_6$ - $\text{LiFeSi}_2\text{O}_6$ (spodumene-ferri-spodumene) join: A general picture of solid solutions, bond lengths, lattice strains, steric effects, symmetries, and chemical compositions of Li clinopyroxenes. <i>American Mineralogist</i> , 2016, 101, 2498-2513.	1.9	4
29	A mineralogical approach to the authentication of an archaeological artefact: Real ancient bronze from Roman Age or fake?. <i>Journal of Cultural Heritage</i> , 2016, 21, 876-880.	3.3	4
30	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
31	Micro-Raman mapping of the polymorphs of serpentine. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 953-958.	2.5	107
32	Synthesis and color performance of $\text{CaCoSi}_2\text{O}_6$ pyroxene, a new ceramic colorant. <i>Dyes and Pigments</i> , 2015, 120, 118-125.	3.7	20
33	Raman spectroscopy of $\text{CaM}_{2+}\text{Ge}_2\text{O}_6$ ( $\text{M}^{2+} = \text{Mg}, \text{Mn}$ ) $T_j$ $ETQ_1$ 1 0.784	2.5	25
34	Raman spectroscopy of $\text{CaCoSi}_2\text{O}_6$ – $\text{Co}_2\text{Si}_2\text{O}_6$ clinopyroxenes. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 179-189.	0.8	12
35	A comparison between <i>ab initio</i> 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
36	Ca-Zn solid solutions in $\text{C}_2/\text{C}$ pyroxenes: Synthesis, crystal structure, and implications for Zn geochemistry. <i>American Mineralogist</i> , 2015, 100, 2209-2218.	1.9	11

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37	High-pressure Raman study of CH <sub>4</sub> in melanophlogite (type I clathrate). <i>Mineralogical Magazine</i> , 2014, 78, 1661-1669.	1.4	5
38	Thermal expansion in C2/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> ). <i>Mineralogical Magazine</i> , 2014, 78, 311-324.	1.4	11
39	Solid solutions and phase transitions in (Ca,M <sub>2</sub> <sup>+</sup> )M <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> pyroxenes (M <sub>2</sub> <sup>+</sup> = Co, Fe, Mg). <i>American Mineralogist</i> , 2014, 99, 704-711.	1.9	23
40	Cholecystocutaneous fistula containing multiple gallstones in a dog. <i>Canadian Veterinary Journal</i> , 2014, 55, 1163-6.	0.0	5
41	Ni-free, black ceramic pigments based on Co <sup>2+</sup> Cr <sup>3+</sup> Fe <sup>2+</sup> Mn spinels: A reappraisal of crystal structure, colour and technological behaviour. <i>Ceramics International</i> , 2013, 39, 9533-9547.	4.8	54
42	The structure of (Ca,Co)CoSi <sub>2</sub> O <sub>6</sub> pyroxenes and the Ca-M <sub>2</sub> <sup>+</sup> substitution in (Ca,M <sub>2</sub> <sup>+</sup> )M <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> pyroxenes (M <sub>2</sub> <sup>+</sup> = Co, Fe, Mg). <i>American Mineralogist</i> , 2013, 98, 1241-1252.	1.9	21
43	Raman spectroscopy of (Ca,Mg)MgSi <sub>2</sub> O <sub>6</sub> clinopyroxenes. <i>American Mineralogist</i> , 2012, 97, 1339-1347.	1.9	44
44	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
45	The thermodynamics of the I <sup>+</sup> ↔ P <sup>+</sup> 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
46	Tilts and tetrahedra: The origin of the anisotropy of feldspars. <i>American Mineralogist</i> , 2012, 97, 765-778.	1.9	39
47	Caratterizzazione in microscopia SEM-EDS del cemento endodontico MTA: un confronto tra diversi prodotti. <i>Giornale Italiano Di Endodonzia</i> , 2011, 25, 33-40.	0.3	2
48	Thermoelastic and thermodynamic properties of plagioclase feldspars from thermal expansion measurements. <i>American Mineralogist</i> , 2011, 96, 992-1002.	1.9	28
49	Pyrometamorphic Processes at the Magma-Hydrothermal System Interface of Active Volcanoes: Evidence from Buchite Ejecta of Stromboli (Aeolian Islands, Italy). <i>Journal of Petrology</i> , 2011, 52, 541-564.	2.8	29
50	The high-temperature P21/m ↔ C2/m phase transitions in synthetic amphiboles along the richterite-(BMg)-richterite join. <i>American Mineralogist</i> , 2011, 96, 353-363.	1.9	9
51	Raman Investigation on Pigeonite in Ureilite. <i>Spectroscopy Letters</i> , 2011, 44, 480-485.	1.0	10
52	Thermal expansion of plagioclase feldspars. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 899-908.	3.1	83
53	Multi-technique investigation of archaeological pottery from Parma (Italy). <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1556-1561.	2.5	29
54	A high-pressure cubic-to-tetragonal phase-transition in melanophlogite, a SiO <sub>2</sub> clathrate phase. <i>Microporous and Mesoporous Materials</i> , 2010, 129, 267-273.	4.4	11

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55	Phase transition induced by solid solution: The BCa-BMg substitution in richteritic amphiboles. <i>American Mineralogist</i> , 2010, 95, 369-381.	1.9	16
56	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
57	Bulk modulus variation along the diopsidekosmochlor solid solution. <i>European Journal of Mineralogy</i> , 2009, 21, 591-597.	1.3	15
58	Synthesis, TEM characterization and thermal behaviour of LiNiSi <sub>2</sub> O <sub>6</sub> pyroxene. <i>Physics and Chemistry of Minerals</i> , 2009, 36, 527-536.	0.8	11
59	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. <i>Mineralogical Magazine</i> , 2009, 73, 119-130.	1.4	6
60	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. <i>Physics and Chemistry of Minerals</i> , 2008, 35, 241-248.	0.8	22
61	The thermal behavior of richterite. <i>American Mineralogist</i> , 2008, 93, 1659-1665.	1.9	13
62	Single-crystal X-ray and Raman investigation on melanophlogite from Varano Marchesi (Parma, Italy). <i>American Mineralogist</i> , 2008, 93, 88-94.	1.9	25
63	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
64	Low-temperature crystal structure evolution of (Na,Ca)(Cr,Mg)Si <sub>2</sub> O <sub>6</sub> pyroxene. <i>Mineralogical Magazine</i> , 2008, 72, 809-816.	1.4	3
65	The crystal structure of pyroxenes along the jadeite hedenbergite and jadeite aegirine joins. <i>American Mineralogist</i> , 2007, 92, 1492-1501.	1.9	50
66	Low-temperature behavior of NaGaSi <sub>2</sub> O <sub>6</sub> . <i>American Mineralogist</i> , 2007, 92, 560-569.	1.9	9
67	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
68	Microtextures and crystal chemistry of pigeonite in the ureilites ALHA77257, RKPA80239, Yâ€791538, and ALHA81101. <i>Meteoritics and Planetary Science</i> , 2006, 41, 979-988.	1.6	14
69	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
70	High-pressure behaviour along the jadeite NaAlSi <sub>2</sub> O <sub>6</sub> –aegirine NaFeSi <sub>2</sub> O <sub>6</sub> solid solution up to 10ÂGPa. <i>Physics and Chemistry of Minerals</i> , 2006, 33, 417-425.	0.8	52
71	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
72	Compressional behaviour of CaNiSi <sub>2</sub> O <sub>6</sub> clinopyroxene: bulk modulus systematic and cation type in clinopyroxenes. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 222-227.	0.8	27

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73	Thermodynamic behaviour of the high-temperature $P2_1/c$ phase transition along the $\text{CaAl}_2\text{Si}_2\text{O}_8$ - $\text{SrAl}_2\text{Si}_2\text{O}_8$ join. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 314-321.	0.8	9
74	RIETVELD REFINEMENT OF CLINOPYROXENES WITH INTERMEDIATE Ca-CONTENT ALONG THE JOIN DIOPSIDE ENSTATITE. <i>Canadian Mineralogist</i> , 2005, 43, 1411-1421.	1.0	18
75	High temperature single crystal investigation in a clinopyroxene of composition $(\text{Na}_{0.5}\text{Ca}_{0.5})(\text{Cr}_{0.5}\text{Mg}_{0.5})\text{Si}_2\text{O}_6$ . <i>European Journal of Mineralogy</i> , 2005, 17, 297-304.	1.3	15
76	High-pressure phase transitions in $\text{Ca}_{0.2}\text{Sr}_{0.8}\text{Al}_2\text{Si}_2\text{O}_8$ feldspar. <i>American Mineralogist</i> , 2004, 89, 1474-1479.	1.9	14
77	High pressure behavior, transformation and crystal structure of synthetic iron-free pigeonite. <i>American Mineralogist</i> , 2004, 89, 189-196.	1.9	38
78	The high-temperature $P2_1/c$ phase transition in Fe-free Ca-rich $P2_1/c$ clinopyroxenes. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 527-535.	0.8	31
79	Charge-density analysis of spodumene ( $\text{LiAlSi}_2\text{O}_6$ ), from ab initio Hartree-Fock calculations. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 606-614.	0.8	19
80	Microtextures and crystal chemistry in $P2_1/c$ pigeonites. <i>Mineralogy and Petrology</i> , 2003, 77, 161-176.	1.1	9
81	A SINGLE-CRYSTAL NEUTRON-DIFFRACTION INVESTIGATION OF SPODUMENE AT 54 K. <i>Canadian Mineralogist</i> , 2003, 41, 521-527.	1.0	21
82	Cordierite-anorthoclase hornfels xenoliths in Stromboli lavas (Aeolian Islands, Sicily): an example of a fast cooled contact aureole. <i>European Journal of Mineralogy</i> , 2003, 15, 665-679.	1.3	24
83	The structure of $Pbca$ orthopyroxenes along the join diopside-enstatite ( $\text{CaMgSi}_2\text{O}_6$ - $\text{Mg}_2\text{Si}_2\text{O}_6$ ). <i>European Journal of Mineralogy</i> , 2003, 15, 365-371.	1.3	14
84	The high-temperature $P2_1/c$ 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
85	Average and local structure in $P2_1/c$ clinopyroxenes along the join diopside-enstatite ( $\text{CaMgSi}_2\text{O}_6$ - $\text{Mg}_2\text{Si}_2\text{O}_6$ ). <i>European Journal of Mineralogy</i> , 2002, 14, 549-555.	1.3	30
86	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
87	Silica-Free Mullite Structures in the $\text{Al}_2\text{O}_3$ - $\text{B}_2\text{O}_3$ - $\text{P}_2\text{O}_5$ Ternary System. <i>Chemistry of Materials</i> , 2001, 13, 103-108.	6.7	5
88	$P2_1/c$ 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
89	THE COMPRESSIONAL BEHAVIOR OF $P4/n$ VESUVIANITE. <i>Canadian Mineralogist</i> , 2001, 39, 145-151.	1.0	7
90	A transmission electron microscope investigation of the $P2_1/c$ 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

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91	TEM observations on the $P1\bar{1}...-I1\bar{1}...$ phase transition in feldspars along the join $CaAl_2Si_2O_8$ - $SrAl_2Si_2O_8$ . American Mineralogist, 2000, 85, 963-970.	1.9	9
92	Synthesis and Neutron Diffraction Study of $La_5Si_2BO_{13}$ , an Analog of the Apatite Mineral. Journal of Solid State Chemistry, 2000, 155, 389-393.	2.9	30
93	High-pressure behaviour of Ca-rich $C2/c$ clinopyroxenes along the join diopside-enstatite ( $CaMgSi_2O_6$ - $CaSi_2O_6$ ). European Journal of Mineralogy, 1996, 8, 273-280.	1.3	20
94	Single-crystal thermometric calibration of Fe-Mg order-disorder in pigeonites. American Mineralogist, 2000, 85, 953-962.	1.9	34
95	$I1\bar{1}...$ , $I2/c$ ferroelastic phase transition in the $Ca_{0.2}Pb_{0.8}Al_2Si_2O_8$ feldspar as a function of temperature. Mineralogical Magazine, 2000, 64, 285-290.	1.4	7
96	A SINGLE-CRYSTAL NEUTRON-DIFFRACTION INVESTIGATION OF DIOPSIDE AT 10 K. Canadian Mineralogist, 2000, 38, 183-189.	1.0	24
97	High-temperature in situ structural investigation on lead feldspar. American Mineralogist, 1999, 84, 120-129.	1.9	10
98	High pressure behaviour of lead feldspar ( $PbAl_2Si_2O_8$ ). Physics and Chemistry of Minerals, 1999, 26, 367-374.	0.8	9
99	A high temperature in situ single-crystal study of $P4/n$ vesuvianite. European Journal of Mineralogy, 1999, 11, 1037-1042.	1.3	8
100	Structural variations induced by thermal treatment in lead feldspar ( $PbAl_2Si_2O_8$ ). American Mineralogist, 1998, 83, 159-166.	1.9	20
101	Transmission electron microscope texture and crystal chemistry of coexisting ortho- and clinopyroxene in the Antarctic ureilite Frontier Mountain 90054: Implications for thermal history. Meteoritics and Planetary Science, 1997, 32, 671-678.	1.6	15
102	The structure of ordered and disordered lead feldspar ( $PbAl_2Si_2O_8$ ). American Mineralogist, 1996, 81, 1337-1343.	1.9	26
103	High-temperature crystal chemistry of $C2/c$ clinopyroxenes along the join $CaMgSi_2O_6$ - $CaAl_2Si_2O_6$ . European Journal of Mineralogy, 1996, 8, 273-280.	1.3	20
104	Al-Si ordering in Sr-feldspar $SrAl_2Si_2O_8$ : IR, TEM and single-crystal XRD evidences. Physics and Chemistry of Minerals, 1995, 22, 343.	0.8	16
105	Orthopyroxene from the Serra de Mage Meteorite; structure refinement and estimation of $C2/c$ pyroxene contributions to apparent $Pbca$ diffraction violations. American Mineralogist, 1995, 80, 923-929.	1.9	22
106	$I1\bar{1}...$ - $I2/c$ phase transition in alkaline-earth feldspars; evidence from TEM observations of Sr-rich feldspar along the $CaAl_2Si_2O_8$ - $SrAl_2Si_2O_8$ join. American Mineralogist, 1995, 80, 907-915.	1.9	13
107	Antarctic FRO90011 lodranite: Cooling history from pyroxene crystal chemistry and microstructure. Earth and Planetary Science Letters, 1994, 128, 479-487.	4.4	20
108	Effect of Al on enstatite solubility in CMAS clinopyroxenes: 2 - Crystal chemical considerations. European Journal of Mineralogy, 1994, 6, 77-86.	1.3	6

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109	Zaoyang chondrite cooling history from Fe <sup>2+</sup> -Mg intracrystalline ordering in pyroxenes. Mineralogical Magazine, 1994, 58, 143-150.	1.4	9
110	I <sup>2</sup> -I <sup>2</sup> /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
111	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
112	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 <i>T</i> = 130 Å°, 25 Å°, 400 Å° and 700 Å°C. Zeitschrift für Kristallographie, 1990, 192, 183-199.	1.1	16
113	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
114	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