

# Roberta Oberti

## List of Publications by Year in descending order

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147  
papers

4,836  
citations

136940

32  
h-index

114455

63  
g-index

160  
all docs

160  
docs citations

160  
times ranked

2933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nomenclature of the amphibole supergroup. <i>American Mineralogist</i> , 2012, 97, 2031-2048.	1.9	898
2	Nb and Ta incorporation and fractionation in titanian pargasite and kaersutite: crystal chemical constraints and implications for natural systems. <i>Earth and Planetary Science Letters</i> , 2000, 176, 185-201.	4.4	254
3	Trace-element incorporation in titanite: constraints from experimentally determined solid/liquid partition coefficients. <i>Chemical Geology</i> , 2002, 191, 105-119.	3.3	208
4	Trace-Element Partitioning Between Amphibole and Silicate Melt. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 417-452.	4.8	207
5	Distinct site preferences for heavy and light REE in amphibole and the prediction of Amph/L D REE. <i>Contributions To Mineralogy and Petrology</i> , 1999, 137, 36-45.	3.1	150
6	Amphiboles: Crystal Chemistry. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 1-54.	4.8	118
7	The crystal-chemistry of high-aluminium titanites. <i>European Journal of Mineralogy</i> , 1991, 3, 777-792.	1.3	105
8	The behaviour of Ti in amphiboles: I. Four- and six-coordinate Ti in richterite. <i>European Journal of Mineralogy</i> , 1992, 4, 425-440.	1.3	90
9	Infiltration metasomatism at Lherz as monitored by systematic ion-microprobe investigations close to a hornblendite vein. <i>Chemical Geology</i> , 1996, 134, 113-133.	3.3	85
10	Classification of the Amphiboles. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 55-88.	4.8	85
11	Trace-element partitioning in olivine: modelling of a complete data set from a synthetic hydrous basanite melt. <i>Lithos</i> , 2004, 75, 39-54.	1.4	77
12	Origin of LREE-depleted amphiboles in the subcontinental mantle. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1763-1771.	3.9	75
13	Temperature-dependent Al order-disorder in the tetrahedral double chain of C2/m amphiboles. <i>European Journal of Mineralogy</i> , 1995, 7, 1049-1064.	1.3	72
14	Fluoro-edenite from Biancavilla (Catania, Sicily, Italy): Crystal chemistry of a new amphibole end-member. <i>American Mineralogist</i> , 2001, 86, 1489-1493.	1.9	70
15	Long-Range Order in Amphiboles. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 125-171.	4.8	70
16	Partitioning of rare earth elements, Y, Th, U, and Pb between pargasite, kaersutite, and basanite to trachyte melts: Implications for percolated and veined mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2000, 1, n/a-n/a.	2.5	63
17	Residual electron density at the M2 site in C2/c clinopyroxenes: Relationships with bulk chemistry and sub-solidus evolution. <i>Physics and Chemistry of Minerals</i> , 1987, 14, 514-520.	0.8	62
18	Characterization of amphibole fibres linked to mesothelioma in the area of Biancavilla, Eastern Sicily, Italy. <i>Mineralogical Magazine</i> , 2003, 67, 1221-1229.	1.4	55

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19	Non-ideal solid-solution in garnet: crystal-structure evidence and modelling. <i>European Journal of Mineralogy</i> , 1995, 7, 1299-1312.	1.3	55
20	On the symmetry and crystal chemistry of britholite: New structural and microanalytical data. <i>American Mineralogist</i> , 2001, 86, 1066-1075.	1.9	49
21	Lithium in amphiboles: detection, quantification, and incorporation mechanisms in the compositional space bridging sodic and BLi-amphiboles. <i>European Journal of Mineralogy</i> , 2003, 15, 309-319.	1.3	49
22	ON THE CLASSIFICATION OF AMPHIBOLES. <i>Canadian Mineralogist</i> , 2006, 44, 1-21.	1.0	49
23	Crystal-chemical complexity in natural garnets: structural constraints on chemical variability. <i>European Journal of Mineralogy</i> , 1995, 7, 1239-1250.	1.3	47
24	Detection, crystal-chemical mechanisms and petrological implications of [6]Ti <sup>4+</sup> partitioning in pargasite and kaersutite. <i>European Journal of Mineralogy</i> , 1999, 11, 345-354.	1.3	46
25	Accurate Quantification of H, Li, Be, B, F, Ba, REE, Y, Th, and U in Complex Matrixes: A Combined Approach Based on SIMS and Single-Crystal Structure Refinement. <i>Analytical Chemistry</i> , 2000, 72, 3731-3738.	6.5	44
26	AMFORM, a new mass-based model for the calculation of the unit formula of amphiboles from electron microprobe analyses. <i>American Mineralogist</i> , 2018, 103, 1112-1125.	1.9	41
27	Steric effects vs secondary orbital interactions in nitrene cycloadditions. <i>Tetrahedron</i> , 1988, 44, 3735-3748.	1.9	36
28	Crystal structure of non-metamict Th-rich hellandite-(Ce) from Latium (Italy) and crystal chemistry of the hellandite-group minerals. <i>American Mineralogist</i> , 1999, 84, 913-921.	1.9	36
29	Britholite-hellandite intergrowths and associated REE-minerals from the alkali-syenitic ejecta of the Vico volcanic complex (Latium, Italy): petrological implications bearing on REE mobility in volcanic systems. <i>European Journal of Mineralogy</i> , 1999, 11, 843-854.	1.3	36
30	The P21/m? C2/m phase transition in synthetic amphibole Na NaMg Mg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub> : thermodynamic and crystal-chemical evaluation. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 570-581.	0.8	34
31	Site preference and local geometry of Sc in garnets: Part II. The crystal-chemistry of octahedral Sc in the andradite-Ca <sub>3</sub> Sc <sub>2</sub> Si <sub>3</sub> O <sub>12</sub> join. <i>American Mineralogist</i> , 2006, 91, 1240-1248.	1.9	32
32	11. Trace-Element Partitioning Between Amphibole and Silicate Melt. , 2007, , 417-452.		32
33	The dynamics of Fe oxidation in riebeckite: A model for amphiboles. <i>American Mineralogist</i> , 2018, 103, 1103-1111.	1.9	32
34	Sodic-ferripedrizite, a new monoclinic amphibole bridging the magnesium-iron-manganese-lithium and the sodium-calcium groups. <i>American Mineralogist</i> , 2000, 85, 578-585.	1.9	31
35	Crystal-chemistry of a complex Mn-bearing alkali amphibole ("tirodite") on the verge of exsolution. <i>European Journal of Mineralogy</i> , 1993, 5, 1153-1160.	1.3	30
36	A crystal chemical re-evaluation of amphibole/melt and amphibole/clinopyroxene D <sub>Ti</sub> values in petrogenetic studies. <i>American Mineralogist</i> , 2000, 85, 407-419.	1.9	30

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37	Use of multivariate analysis for synchrotron micro-XANES analysis of iron valence state in amphiboles. <i>American Mineralogist</i> , 2016, 101, 1171-1189.	1.9	30
38	The high-temperature behaviour of riebeckite: expansivity, deprotonation, selective Fe oxidation and a novel cation disordering scheme for amphiboles. <i>European Journal of Mineralogy</i> , 2018, 30, 437-449.	1.3	29
39	On the Chemical Identification and Classification of Minerals. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 591.	2.0	29
40	Evolution of coronas in Norwegian anorthosites: re-evaluation based on crystal-chemistry and microstructures. <i>Contributions To Mineralogy and Petrology</i> , 1985, 91, 330-339.	3.1	28
41	SHORT-RANGE ORDER IN MINERALS: AMPHIBOLES. <i>Canadian Mineralogist</i> , 2005, 43, 1895-1920.	1.0	28
42	The arrojadite enigma: II. Compositional space, new members, and nomenclature of the group. <i>American Mineralogist</i> , 2006, 91, 1260-1270.	1.9	28
43	Local structural environment of calcium in garnets: A combined structure-refinement and XANES investigation. <i>Physics and Chemistry of Minerals</i> , 1995, 22, 159.	0.8	27
44	Synthesis and crystal-chemistry of Na(NaMg)Mg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub> , aP21/mamphibole. <i>American Mineralogist</i> , 2004, 89, 640-646.	1.9	27
45	Site preference and local geometry of Sc in garnets: Part I. Multifarious mechanisms in the pyrope-grossular join. <i>American Mineralogist</i> , 2006, 91, 1230-1239.	1.9	27
46	The photochemical reaction between 1,4-dicyanonaphtalene and methylbenzenes. <i>Tetrahedron</i> , 1982, 38, 1027-1034.	1.9	26
47	Trace-element partitioning between synthetic potassic-richterites and silicate melts, and contrasts with the partitioning behaviour of pargasites and kaersutites. <i>European Journal of Mineralogy</i> , 2003, 15, 329-340.	1.3	26
48	Ferri-ottoliniite and ferriwhittakerite, two new end-members of the new Group 5 for monoclinic amphiboles. <i>American Mineralogist</i> , 2004, 89, 888-893.	1.9	26
49	Redox state of subcontinental lithospheric mantle and relationships with metasomatism: insights from spinel peridotites from northern Victoria Land (Antarctica). <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 1053-1067.	3.1	26
50	Li-BEARING ARFVEDSONITIC AMPHIBOLES FROM THE STRANGE LAKE PERALKALINE GRANITE, QUEBEC. <i>Canadian Mineralogist</i> , 2001, 39, 1161-1170.	1.0	26
51	A new hyper-calcic amphibole with Ca at the A site; fluor-cannilloite from Pargas, Finland. <i>American Mineralogist</i> , 1996, 81, 995-1002.	1.9	25
52	Synthesis, crystal structure and crystal chemistry of ferri-clinoholmquistite, ?Li <sub>2</sub> Mg <sub>3</sub> Fe <sub>3</sub> +2Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub> . <i>Physics and Chemistry of Minerals</i> , 2004, 31, 375.	0.8	25
53	Ciprianiite and mottanaite-(Ce), two new minerals of the hellandite group from Latium (Italy). <i>American Mineralogist</i> , 2002, 87, 739-744.	1.9	24
54	4. Long-Range Order in Amphiboles. , 2007, , 125-172.		24

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55	The behaviour of Mn in amphiboles: Mn in richterite. <i>European Journal of Mineralogy</i> , 1993, 5, 43-52.	1.3	24
56	Re-definition, nomenclature and crystal-chemistry of the hellandite group. <i>American Mineralogist</i> , 2002, 87, 745-752.	1.9	23
57	FTIR spectroscopy of Ti-rich pargasites from Lherz and the detection of O2 at the anionic O3 site in amphiboles. <i>American Mineralogist</i> , 2007, 92, 1645-1651.	1.9	22
58	Magnesiostauroilite and zincostauroilite: mineral description with a petrogenetic and crystal-chemical update. <i>European Journal of Mineralogy</i> , 2003, 15, 167-176.	1.3	21
59	Leverage analysis and structure refinement of minerals. <i>American Mineralogist</i> , 2000, 85, 532-542.	1.9	20
60	H T -XRD study of synthetic ferrian magnesian spodumene: the effect of site dimension on the P 2 1 / c ? C 2 / c phase transition. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 20-30.	0.8	20
61	Nondestructive determination of the amphibole crystal chemical formulae by Raman spectroscopy: One step closer. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1530-1548.	2.5	20
62	Syn-anti selectivity in cycloadditions. 6. Cycloadditions of benzonitrile oxide, 2-diazopropane, and diphenylnitrilimine to polychloronorbadienes. <i>Journal of Organic Chemistry</i> , 1980, 45, 1209-1213.	3.2	19
63	Characterization of trace Nd and Ce site preference and coordination in natural melanites: a combined X-ray diffraction and high-energy XAFS study. <i>Physics and Chemistry of Minerals</i> , 2002, 29, 495-502.	0.8	19
64	The arrojadite enigma: I. A new formula and a new model for the arrojadite structure. <i>American Mineralogist</i> , 2006, 91, 1249-1259.	1.9	19
65	SODIC-FERRI-FERROPEDRIZITE AND FERRI-CLINOFERROHOLMQUISTITE: MINERAL DATA AND DEGREE OF ORDER OF THE A-SITE CATIONS IN LI-RICH AMPHIBOLES. <i>Canadian Mineralogist</i> , 2003, 41, 1345-1354.	1.0	18
66	Non-metamict betafite from Le Carcarelle (Vico volcanic complex, Italy): occurrence and crystal structure. <i>Mineralogical Magazine</i> , 2004, 68, 939-950.	1.4	18
67	The crystal structure of peprossiite-(Ce), an anhydrous REE and Al mica-like borate with square-pyramidal coordination for Al. <i>American Mineralogist</i> , 2000, 85, 586-592.	1.9	17
68	Thermoelasticity and high-T behaviour of anthophyllite. <i>Physics and Chemistry of Minerals</i> , 2011, 38, 321-334.	0.8	17
69	High-T behaviour of gedrite: thermoelasticity, cation ordering and dehydrogenation. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 923-937.	3.1	17
70	SHORT-RANGE ORDER IN AMPHIBOLES FROM THE BEAR LAKE DIGGINGS, ONTARIO. <i>Canadian Mineralogist</i> , 2006, 44, 1171-1179.	1.0	17
71	Deprotonation of Fe-dominant amphiboles: Single-crystal HT-FTIR spectroscopic studies of synthetic potassic-ferro-richterite. <i>American Mineralogist</i> , 2017, 102, 117-125.	1.9	16
72	Determination of site population in olivine: Warnings on X-ray data treatment and refinement. <i>American Mineralogist</i> , 2001, 86, 55-65.	1.9	15

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73	Multipole-refined charge density study of diopside at ambient conditions. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 638-645.	0.8	15
74	Clinoholmquistite discredited: The new amphibole end-member fluoro-sodic-pedrizite. <i>American Mineralogist</i> , 2005, 90, 732-736.	1.9	15
75	New Amphibole Compositions: Natural and Synthetic. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 89-124.	4.8	15
76	Scandium-45 NMR of pyrope-grossular garnets: Resolution of multiple scandium sites and comparison with X-ray diffraction and X-ray absorption spectroscopy. <i>American Mineralogist</i> , 2007, 92, 1875-1880.	1.9	15
77	Synthetic Potassic-Ferro-Richterite: 1. Composition, Crystal Structure Refinement, and $H^+$ Behavior By $In$ Operando Single-Crystal X-Ray Diffraction. <i>Canadian Mineralogist</i> , 2016, 54, 353-369.	1.0	15
78	Unusual M (super 3+) cations in synthetic amphiboles with nominal fluoro-eckermannite composition; deviations from stoichiometry and structural effects of the cummingtonite component. <i>American Mineralogist</i> , 1999, 84, 102-111.	1.9	14
79	FluoronybÅrjite from Jianchang (Su-Lu, China) and nybÅrjite from NybÅr (Nordfjord, Norway): a petrological and crystal-chemical comparison of these two high-pressure amphiboles. <i>Mineralogical Magazine</i> , 2003, 67, 769-782.	1.4	14
80	Changes in the local coordination of trace rare-earth elements in garnets by high-energy XAFS: new data on dysprosium. <i>Physics and Chemistry of Minerals</i> , 2004, 31, 162-167.	0.8	14
81	Photoreaction of 2-nitrophenazine 10-oxide with amines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1978, , 185.	0.9	13
82	Hexafluoroisopropanol as a suitable solvent for rearrangements via zwitterionic intermediates. <i>Tetrahedron</i> , 1991, 47, 6725-6736.	1.9	13
83	The crystal-structure of synthetic $NaNa_2Mg_5Si_8O_{21}(OH)_3$ , a triclinic $C1$ ... amphibole with a triple-cell and excess hydrogen. <i>American Mineralogist</i> , 2004, 89, 1464-1473.	1.9	13
84	Distinct local environments for Ca along the non-ideal pyrope-grossular solid solution: A new model based on crystallographic and EXAFS analysis. <i>Chemical Geology</i> , 2006, 225, 347-359.	3.3	13
85	Crystal-chemistry and short-range order of fluoro-edenite and fluoro-pargasite: a combined X-ray diffraction and FTIR spectroscopic approach. <i>Mineralogical Magazine</i> , 2014, 78, 293-310.	1.4	13
86	The crystal-chemistry of riebeckite, ideally $Na_2Fe^{2+}_3Fe^{3+}_2Si_8O_{22}(OH)_2$ : a multi-technique study. <i>Mineralogical Magazine</i> , 2018, 82, 837-852.	1.4	13
87	Iron oxidation dynamics vs. temperature of synthetic potassic-ferro-richterite: a XANES investigation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21764-21771.	2.8	13
88	Synthesis and characterisation of ferri-clinoferroholmquistite, $Li_2(Fe^{2+}_2Fe^{3+}_2)Si_8O_{22}(OH)_2$ . <i>European Journal of Mineralogy</i> , 2003, 15, 321-327.	1.3	12
89	1. Amphiboles: Crystal Chemistry. , 2007, , 1-54.		12
90	The crystal chemistry of Li in gadolinite. <i>American Mineralogist</i> , 2008, 93, 996-1004.	1.9	12

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91	Magnesium K-edge EXAFS study of bond-length behavior in synthetic pyrope-grossular garnet solid solutions. <i>American Mineralogist</i> , 2008, 93, 495-498.	1.9	12
92	Synthesis and characterization of amphiboles along the tremolite-glaucophane join. <i>American Mineralogist</i> , 2013, 98, 588-600.	1.9	12
93	The crystal-chemistry of holmquistites: Ferroholmquistite from Greenbushes (Western Australia) and hints for compositional constraints in BLi amphiboles. <i>American Mineralogist</i> , 2005, 90, 1167-1176.	1.9	11
94	Periselectivity in the reactions of cyclopentadienones with 8-aryl-8-azaheptafulvenes. <i>Tetrahedron</i> , 1993, 49, 6331-6348.	1.9	10
95	Parvo-mangano-edenite, parvo-manganotremolite, and the solid solution between Ca and Mn <sup>2+</sup> at the M4 site in amphiboles. <i>American Mineralogist</i> , 2006, 91, 526-532.	1.9	10
96	2. Classification of the Amphiboles. , 2007, , 55-88.		10
97	Aluminotaramite, alumino-magnesiotalamite, and fluoro-alumino-magnesiotalamite: Mineral data and crystal chemistry. <i>American Mineralogist</i> , 2007, 92, 1428-1435.	1.9	9
98	The effects of composition upon the high-pressure behaviour of amphiboles: compression of gedrite to 7 GPa and a comparison with anthophyllite and proto-amphibole. <i>Mineralogical Magazine</i> , 2012, 76, 987-995.	1.4	9
99	Eckermannite revised: The new holotype from the Jade Mine Tract, Myanmar—crystal structure, mineral data, and hints on the reasons for the rarity of eckermannite. <i>American Mineralogist</i> , 2015, 100, 909-914.	1.9	9
100	Heterodiene syntheses. Part 23. Zwitterions as intermediates in the formation of Michael adducts or as stable products of the reaction between 2-oxoindolin-3-ylidene derivatives with enamines or amins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1979, , 2687.	0.9	8
101	New base induced rearrangements of 4-acylisoxazolidines. Anionic reactional cascades from five membered rings to either four membered rings or open chain compounds. <i>Tetrahedron Letters</i> , 1996, 37, 917-920.	1.4	8
102	The P21/m $\hat{a}^2$ C2/m phase transition in amphiboles: new data on synthetic Na(NaMg)Mg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> F <sub>2</sub> and the role of differential polyhedral expansion. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2008, 223, .	0.8	8
103	Crystal structure and crystal chemistry of fluoro-potassic-magnesian-arfvedsonite from Monte Metocha, Xixano region, Mozambique, and discussion of the holotype from Quebec, Canada. <i>Mineralogical Magazine</i> , 2010, 74, 951-960.	1.4	8
104	Atomistic insight into lithospheric conductivity revealed by phononâ€“electron excitations in hydrous iron-bearing silicates. <i>Communications Materials</i> , 2021, 2, .	6.9	8
105	The behaviour of Mn in amphiboles: Mn in synthetic fluor-edenite and synthetic fluor-pargasite. <i>European Journal of Mineralogy</i> , 1996, 9, 115-122.	1.3	8
106	Heterodiene syntheses. Part 20. 4-Arylidene-5-pyrazolones and ynamines : a [2 + 2]cycloaddition followed by electrocyclic ring opening, in competition with a [4 + 2]cycloaddition; the influence of the substituents on the intermediate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1979, , 856.	0.9	7
107	Preliminary crystallographic data on buffalo $\hat{I}^2$ -lactoglobulin. <i>Journal of Molecular Biology</i> , 1979, 131, 411-413.	4.2	7
108	Heterodiene syntheses. Part 21. 1-Acetyl-2-oxoindolin-3-ylideneacetophenones and ethoxyethyne : spirobicyclic intermediates in competition with [2 + 2]- and [4 + 2]-cycloadditions. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1979, , 863.	0.9	7

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109	Synthesis and crystal structure of 3-deoxy-3-fluoro-1,2:5,6-di-O-isopropylidene- $\beta$ -D-glucofuranose. <i>Journal of Fluorine Chemistry</i> , 1986, 32, 239-254.	1.7	7
110	Fluoro-aluminoleakeite, $\text{NaNa}_2(\text{Mg}_2\text{Al}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$ , a new mineral of the amphibole group from Norra K�arr, Sweden: description and crystal structure. <i>Mineralogical Magazine</i> , 2009, 73, 817-824.	1.4	7
111	The arrojadite enigma III. The incorporation of volatiles: a polarised FTIR spectroscopy study. <i>European Journal of Mineralogy</i> , 2014, 26, 679-688.	1.3	7
112	Ferro-ferri-hornblende from the Traversella mine (Ivrea, Italy): occurrence, mineral description and crystal-chemistry. <i>Mineralogical Magazine</i> , 2016, 80, 1233-1242.	1.4	7
113	The crystal chemistry of oxo-mangani-leakeite and mangano-mangani-ungarettiite from the Hoskins mine and their impossible solid-solution: An XRD and FTIR study. <i>Mineralogical Magazine</i> , 2017, 81, 707-722.	1.4	7
114	Effects of $\text{Fe}^{2+}$ and $\text{Fe}^{3+}$ contents on cation ordering in omphacite. <i>European Journal of Mineralogy</i> , 1998, 10, 889-906.	1.3	7
115	Site selectivity in the reaction of tetracyanoethene with tetracyclo [5.3.2.02,10.03,6] dodeca-4,8,11-triene. <i>Tetrahedron</i> , 1986, 42, 923-936.	1.9	6
116	On the symmetry and atomic ordering in (OH,F)-rich spessartine: towards a new hydrogarnet end-member. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2012, 227, 385-395.	0.8	6
117	Ferri-fluoro-leakeite: a second occurrence at Bratthagen (Norway), with new data on Zn partitioning and the oxo component in Na amphiboles. <i>Mineralogical Magazine</i> , 2014, 78, 861-869.	1.4	6
118	Katophorite from the Jade Mine Tract, Myanmar: mineral description of a rare (grandfathered) endmember of the amphibole supergroup. <i>Mineralogical Magazine</i> , 2015, 79, 355-363.	1.4	6
119	Order of $[\text{6}]\text{Ti}^{4+}$ in a Ti-rich calcium amphibole from Kaersut, Greenland: a combined X-ray and neutron diffraction study. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 83-94.	0.8	6
120	Polarized Raman spectroscopy and lattice dynamics of potassic-magnesian arfvedsonite. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 181-191.	0.8	6
121	Thermoelasticity, cation exchange, and deprotonation in Fe-rich holmquistite: Toward a crystal-chemical model for the high-temperature behavior of orthorhombic amphiboles. <i>American Mineralogist</i> , 2019, 104, 1829-1839.	1.9	6
122	Phase extension and refinement by density modification in protein crystallography. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1983, 39, 68-74.	0.3	5
123	Experimental multipole-refined and theoretical charge density study of $\text{LiGaSi}_2\text{O}_6$ clinopyroxene at ambient conditions. <i>Physics and Chemistry of Minerals</i> , 2007, 34, 519-527.	0.8	5
124	Fluoro-sodic-ferropedrizite, $\text{NaLi}_2(\text{Fe}_2\text{Al}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$ , a new mineral of the amphibole group from the Sutlug River, Tuva Republic, Russia: description and crystal structure. <i>Mineralogical Magazine</i> , 2009, 73, 487-494.	1.4	5
125	Ti-RICH FLUORO-RICHTERITE FROM KARI�...SEN (NORWAY): THE OXO-COMPONENT AND THE USE OF $\text{Ti}^{4+}$ AS A PROXY. <i>Canadian Mineralogist</i> , 2015, 53, 285-294.	1.0	5
126	Photochemical benzylation of 1,4-dicyanonaphthalene; X-ray crystal structure of 6, 11-dicyano-5, 11-methano-5,6, 11,12-tetrahydrodibenzo-[a,e]cyclo-octene. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 50.	2.0	4



#	ARTICLE	IF	CITATIONS
127	3. New Amphibole Compositions: Natural and Synthetic. , 2007, , 89-124.		4
128	THE CRYSTAL CHEMISTRY OF ALKALI AMPHIBOLES FROM THE KAJLIDONGRI MANGANESE MINE, INDIA. Canadian Mineralogist, 2008, 46, 455-466.	1.0	4
129	Magnesio-arfvedsonite from Jade Mine Tract, Myanmar: mineral description and crystal chemistry. Mineralogical Magazine, 2015, 79, 253-260.	1.4	4
130	Magnesio-hornblende from LÄ¼deritz, Namibia: mineral description and crystal chemistry. Mineralogical Magazine, 2018, 82, 1253-1259.	1.4	4
131	Structural studies of ritipenem acoxil (FCE 22891). X-ray crystal structure and chiroptical properties. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 2333-2336.	2.2	3
132	Oxo-mangani-leakeite from the Hoskins mine, New South Wales, Australia: occurrence and mineral description. Mineralogical Magazine, 2016, 80, 1013-1021.	1.4	3
133	Ferri-obertiite from the Rothenberg quarry, Eifel volcanic complex, Germany: mineral data and crystal chemistry of a new amphibole end-member. Mineralogical Magazine, 2017, 81, 641-651.	1.4	3
134	Potassic-magnesio-arfvedsonite, KNa <sub>2</sub> (MgFe <sub>2</sub> +Fe <sup>3+</sup> ) <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub> : mineral description and crystal chemistry. Mineralogical Magazine, 2019, 83, 465-472.	1.4	3
135	The crystal chemistry of lithium and Fe <sup>3+</sup> in synthetic orthopyroxene. Physics and Chemistry of Minerals, 2006, 33, 475-483.	0.8	2
136	Potassic-aluminotaramite from Sierra de los Filabres, Spain. European Journal of Mineralogy, 2008, 20, 1005-1010.	1.3	2
137	Fluoro-potassic-pargasite, KCa <sub>2</sub> (Mg <sub>4</sub> Al)(Si <sub>6</sub> Al <sub>2</sub> )O <sub>22</sub> F <sub>2</sub> , from the Tranomaro area, Madagascar: mineral description and crystal chemistry. Mineralogical Magazine, 2010, 74, 961-967.	1.4	2
138	Magnesio-ferri-fluoro-hornblende from Portoscuso, Sardinia, Italy: description of a newly approved member of the amphibole supergroup. Mineralogical Magazine, 2016, 80, 269-275.	1.4	2
139	Ferro-tschermakite from the Ploumanac'h granitic complex, Brittany, France: mineral description. European Journal of Mineralogy, 2018, 30, 171-176.	1.3	2
140	The structure of a 1,3-oxazonine derivative obtained by photochemical addition of 6-cyanophenanthridine <i>N</i>-oxide and 2,3-dimethyl-2-butene. Journal of Heterocyclic Chemistry, 1983, 6, 20, 1007-1009.	2.6	1
141	CLINOFERROGEDRITE IN THE CONTACT-METAMORPHOSED BIWABIK IRON FORMATION, NORTHEASTERN MINNESOTA: DISCUSSION. Canadian Mineralogist, 2014, 52, 917-920.	1.0	1
142	Structure of 17 $\beta$ -hydroxyprogesterone caproate. Acta Crystallographica Section C: Crystal Structure Communications, 1989, 45, 478-480.	0.4	0
143	Structure of dimethyl 2-[o-(3,5-dimethyl-1-pyrazolyl)anilino]-3-methoxymaleate. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 1976-1978.	0.4	0
144	MSA/GS, ANL Short Course on Amphiboles Preface. European Journal of Mineralogy, 2008, 20, 1003-1003.	1.3	0

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145	Fluoro-tremolite from the Limecrest-Southdown quarry, Sparta, New Jersey, USA: crystal chemistry of a newly approved end-member of the amphibole supergroup. <i>Mineralogical Magazine</i> , 2018, 82, 145-157.	1.4	0
146	Potassic-jeanlouisite from Leucite Hill, Wyoming, USA, ideally $K(\text{NaCa})(\text{Mg}_{4}\text{Ti})\text{Si}_{8}\text{O}_{22}\text{O}_{2}$ : the first species of oxo amphibole in the sodium-calcium subgroup. <i>Mineralogical Magazine</i> , 2019, 83, 587-593.	1.4	0
147	Luciano Ungaretti (1942-2001). <i>European Journal of Mineralogy</i> , 2001, 13, 1243-1244.	1.3	0