

# Roberta Oberti

## List of Publications by Year in descending order

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147  
papers

4,836  
citations

156536

32  
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129628

63  
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160  
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160  
docs citations

160  
times ranked

3261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomistic insight into lithospheric conductivity revealed by phononâ€“electron excitations in hydrous iron-bearing silicates. <i>Communications Materials</i> , 2021, 2, .	2.9	8
2	Nondestructive determination of the amphibole crystalâ€“chemical formulae by Raman spectroscopy: One step closer. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1530-1548.	1.2	20
3	Polarized Raman spectroscopy and lattice dynamics of potassic-magnesian arfvedsonite. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 181-191.	0.3	6
4	Potassic-magnesian arfvedsonite, $\text{KNa}_2(\text{MgFe}_2+\text{Fe}_3+)\text{Si}_8\text{O}_{22}(\text{OH})_2$ : mineral description and crystal chemistry. <i>Mineralogical Magazine</i> , 2019, 83, 465-472.	0.6	3
5	Potassic-jeanlouisite from Leucite Hill, Wyoming, USA, ideally $\text{K}(\text{NaCa})(\text{Mg}_{4-x}\text{Ti})\text{Si}_8\text{O}_{22}\text{O}_{2-x}$ : the first species of oxo amphibole in the sodiumâ€“calcium subgroup. <i>Mineralogical Magazine</i> , 2019, 83, 587-593.	0.6	0
6	On the Chemical Identification and Classification of Minerals. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 591.	0.8	29
7	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.	0.9	6
8	Magnesian hornblende from LÃ¼deritz, Namibia: mineral description and crystal chemistry. <i>Mineralogical Magazine</i> , 2018, 82, 1253-1259.	0.6	4
9	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.	0.4	29
10	Ferro-tschermakite from the Ploumanac'h granitic complex, Brittany, France: mineral description. <i>European Journal of Mineralogy</i> , 2018, 30, 171-176.	0.4	2
11	The dynamics of Fe oxidation in riebeckite: A model for amphiboles. <i>American Mineralogist</i> , 2018, 103, 1103-1111.	0.9	32
12	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.	0.6	0
13	The crystal-chemistry of riebeckite, ideally $\text{Na}_2\text{Fe}_{3-x}\text{Fe}_{2+x}\text{Si}_8\text{O}_{22}(\text{OH})_2$ : a multi-technique study. <i>Mineralogical Magazine</i> , 2018, 82, 837-852.	0.6	13
14	Iron oxidation dynamics vs. temperature of synthetic potassic-ferro-richterite: a XANES investigation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21764-21771.	1.3	13
15	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.	0.9	41
16	Deprotonation of Fe-dominant amphiboles: Single-crystal HT-FTIR spectroscopic studies of synthetic potassic-ferro-richterite. <i>American Mineralogist</i> , 2017, 102, 117-125.	0.9	16
17	Ferri-obertiite from the Rothenberg quarry, Eifel volcanic complex, Germany: mineral data and crystal chemistry of a new amphibole end-member. <i>Mineralogical Magazine</i> , 2017, 81, 641-651.	0.6	3
18	Order of $[\text{Ti}^{4+}]_6$ 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.	0.3	6

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19	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.	0.6	7
20	Ferro-ferri-hornblende from the Traversella mine (Ivrea, Italy): occurrence, mineral description and crystal-chemistry. <i>Mineralogical Magazine</i> , 2016, 80, 1233-1242.	0.6	7
21	Oxo-mangani-leakeite from the Hoskins mine, New South Wales, Australia: occurrence and mineral description. <i>Mineralogical Magazine</i> , 2016, 80, 1013-1021.	0.6	3
22	Synthetic Potassic-Ferro-Richterite: 1. Composition, Crystal Structure Refinement, and H <sub>2</sub> O Behavior By In Operando Single-Crystal X-Ray Diffraction. <i>Canadian Mineralogist</i> , 2016, 54, 353-369.	0.3	15
23	Magnesio-ferri-fluoro-hornblende from Portoscuso, Sardinia, Italy: description of a newly approved member of the amphibole supergroup. <i>Mineralogical Magazine</i> , 2016, 80, 269-275.	0.6	2
24	Use of multivariate analysis for synchrotron micro-XANES analysis of iron valence state in amphiboles. <i>American Mineralogist</i> , 2016, 101, 1171-1189.	0.9	30
25	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.	0.9	9
26	Magnesio-arfvedsonite from Jade Mine Tract, Myanmar: mineral description and crystal chemistry. <i>Mineralogical Magazine</i> , 2015, 79, 253-260.	0.6	4
27	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.	0.6	6
28	Ti-RICH FLUORO-RICHTERITE FROM KARIÅSEN (NORWAY): THE OXO-COMPONENT AND THE USE OF Ti <sup>4+</sup> AS A PROXY. <i>Canadian Mineralogist</i> , 2015, 53, 285-294.	0.3	5
29	CLINOFERROGEDRITE IN THE CONTACT-METAMORPHOSED BIWABIK IRON FORMATION, NORTHEASTERN MINNESOTA: DISCUSSION. <i>Canadian Mineralogist</i> , 2014, 52, 917-920.	0.3	1
30	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.	0.6	6
31	The arrojadite enigma III. The incorporation of volatiles: a polarised FTIR spectroscopy study. <i>European Journal of Mineralogy</i> , 2014, 26, 679-688.	0.4	7
32	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.	0.6	13
33	Synthesis and characterization of amphiboles along the tremolite-glaucophane join. <i>American Mineralogist</i> , 2013, 98, 588-600.	0.9	12
34	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.	0.6	9
35	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.	0.4	6
36	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.	1.2	26

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37	Nomenclature of the amphibole supergroup. <i>American Mineralogist</i> , 2012, 97, 2031-2048.	0.9	898
38	High-T behaviour of gedrite: thermoelasticity, cation ordering and dehydrogenation. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 923-937.	1.2	17
39	Thermoelasticity and high-T behaviour of anthophyllite. <i>Physics and Chemistry of Minerals</i> , 2011, 38, 321-334.	0.3	17
40	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.	0.6	8
41	Fluoro-potassic-pargasite, $\text{KCa}_2(\text{Mg}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{F}_2$ , from the Tranomaro area, Madagascar: mineral description and crystal chemistry. <i>Mineralogical Magazine</i> , 2010, 74, 961-967.	0.6	2
42	Fluoro-sodic-ferropedrizite, $\text{NaLi}_2(\text{Fe}_2)_{2+}\text{Al}_2\text{Si}_8\text{O}_{22}\text{F}_2$ , 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.	0.6	5
43	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.	0.6	7
44	The crystal chemistry of Li in gadolinite. <i>American Mineralogist</i> , 2008, 93, 996-1004.	0.9	12
45	The $P2_1/m \rightarrow C2/m$ phase transition in amphiboles: new data on synthetic $\text{Na}(\text{NaMg})\text{Mg}_5\text{Si}_8\text{O}_{22}\text{F}_2$ and the role of differential polyhedral expansion. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2008, 223, .	0.4	8
46	Magnesium K-edge EXAFS study of bond-length behavior in synthetic pyrope-grossular garnet solid solutions. <i>American Mineralogist</i> , 2008, 93, 495-498.	0.9	12
47	Potassic-aluminotaramite from Sierra de los Filabres, Spain. <i>European Journal of Mineralogy</i> , 2008, 20, 1005-1010.	0.4	2
48	THE CRYSTAL CHEMISTRY OF ALKALI AMPHIBOLES FROM THE KAJLIDONGRI MANGANESE MINE, INDIA. <i>Canadian Mineralogist</i> , 2008, 46, 455-466.	0.3	4
49	MSA/GS, ANL Short Course on Amphiboles Preface. <i>European Journal of Mineralogy</i> , 2008, 20, 1003-1003.	0.4	0
50	Long-Range Order in Amphiboles. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 125-171.	2.2	70
51	Aluminotaramite, alumino-magnesiotalamite, and fluoro-alumino-magnesiotalamite: Mineral data and crystal chemistry. <i>American Mineralogist</i> , 2007, 92, 1428-1435.	0.9	9
52	FTIR spectroscopy of Ti-rich pargasites from Lherz and the detection of O <sub>2</sub> at the anionic O <sub>3</sub> site in amphiboles. <i>American Mineralogist</i> , 2007, 92, 1645-1651.	0.9	22
53	New Amphibole Compositions: Natural and Synthetic. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 89-124.	2.2	15
54	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.	0.9	15

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55	Trace-Element Partitioning Between Amphibole and Silicate Melt. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 417-452.	2.2	207
56	Classification of the Amphiboles. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 55-88.	2.2	85
57	1. Amphiboles: Crystal Chemistry. , 2007, , 1-54.		12
58	2. Classification of the Amphiboles. , 2007, , 55-88.		10
59	3. New Amphibole Compositions: Natural and Synthetic. , 2007, , 89-124.		4
60	4. Long-Range Order in Amphiboles. , 2007, , 125-172.		24
61	11. Trace-Element Partitioning Between Amphibole and Silicate Melt. , 2007, , 417-452.		32
62	Amphiboles: Crystal Chemistry. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 67, 1-54.	2.2	118
63	Experimental multipole-refined and theoretical charge density study of LiGaSi <sub>2</sub> O <sub>6</sub> clinopyroxene at ambient conditions. <i>Physics and Chemistry of Minerals</i> , 2007, 34, 519-527.	0.3	5
64	ON THE CLASSIFICATION OF AMPHIBOLES. <i>Canadian Mineralogist</i> , 2006, 44, 1-21.	0.3	49
65	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.	0.9	32
66	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.	1.4	13
67	The crystal chemistry of lithium and Fe <sup>3+</sup> in synthetic orthopyroxene. <i>Physics and Chemistry of Minerals</i> , 2006, 33, 475-483.	0.3	2
68	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.	0.9	10
69	The arrojadite enigma: I. A new formula and a new model for the arrojadite structure. <i>American Mineralogist</i> , 2006, 91, 1249-1259.	0.9	19
70	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.	0.9	27
71	The arrojadite enigma: II. Compositional space, new members, and nomenclature of the group. <i>American Mineralogist</i> , 2006, 91, 1260-1270.	0.9	28
72	SHORT-RANGE ORDER IN AMPHIBOLES FROM THE BEAR LAKE DIGGINGS, ONTARIO. <i>Canadian Mineralogist</i> , 2006, 44, 1171-1179.	0.3	17

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73	SHORT-RANGE ORDER IN MINERALS: AMPHIBOLES. Canadian Mineralogist, 2005, 43, 1895-1920.	0.3	28
74	Multipole-refined charge density study of diopside at ambient conditions. Physics and Chemistry of Minerals, 2005, 32, 638-645.	0.3	15
75	The crystal-chemistry of holmquistites: Ferroholmquistite from Greenbushes (Western Australia) and hints for compositional constraints in BLi amphiboles. American Mineralogist, 2005, 90, 1167-1176.	0.9	11
76	Clinoholmquistite discredited: The new amphibole end-member fluoro-sodic-pedrizite. American Mineralogist, 2005, 90, 732-736.	0.9	15
77	Non-metamict betafite from Le Carcarelle (Vico volcanic complex, Italy): occurrence and crystal structure. Mineralogical Magazine, 2004, 68, 939-950.	0.6	18
78	Trace-element partitioning in olivine: modelling of a complete data set from a synthetic hydrous basanite melt. Lithos, 2004, 75, 39-54.	0.6	77
79	Changes in the local coordination of trace rare-earth elements in garnets by high-energy XAFS: new data on dysprosium. Physics and Chemistry of Minerals, 2004, 31, 162-167.	0.3	14
80	Synthesis, crystal structure and crystal chemistry of ferri-clinoholmquistite, $\text{Li}_2\text{Mg}_3\text{Fe}_3+2\text{Si}_8\text{O}_{22}(\text{OH})_2$ . Physics and Chemistry of Minerals, 2004, 31, 375.	0.3	25
81	The crystal-structure of synthetic $\text{NaNa}_2\text{Mg}_5\text{Si}_8\text{O}_{21}(\text{OH})_3$ , a triclinic $C1$ ... amphibole with a triple-cell and excess hydrogen. American Mineralogist, 2004, 89, 1464-1473.	0.9	13
82	Synthesis and crystal-chemistry of $\text{Na}(\text{NaMg})\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$ , $aP21/m$ amphibole. American Mineralogist, 2004, 89, 640-646.	0.9	27
83	Ferri-ottoliniite and ferriwhittakerite, two new end-members of the new Group 5 for monoclinic amphiboles. American Mineralogist, 2004, 89, 888-893.	0.9	26
84	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. Physics and Chemistry of Minerals, 2003, 30, 20-30.	0.3	20
85	The $P21/m? C2/m$ phase transition in synthetic amphibole $\text{Na NaMg Mg}_5 \text{Si}_8 \text{O}_{22} (\text{OH})_2$ : thermodynamic and crystal-chemical evaluation. Physics and Chemistry of Minerals, 2003, 30, 570-581.	0.3	34
86	Magnesiostauroilite and zincostauroilite: mineral description with a petrogenetic and crystal-chemical update. European Journal of Mineralogy, 2003, 15, 167-176.	0.4	21
87	Lithium in amphiboles: detection, quantification, and incorporation mechanisms in the compositional space bridging sodic and BLi-amphiboles. European Journal of Mineralogy, 2003, 15, 309-319.	0.4	49
88	Trace-element partitioning between synthetic potassic-richterites and silicate melts, and contrasts with the partitioning behaviour of pargasites and kaersutites. European Journal of Mineralogy, 2003, 15, 329-340.	0.4	26
89	FluoronybÅrjite from Jianchang (Su-Lu, China) and nybÅrjite from NybÅrj (Nordfjord, Norway): a petrological and crystal-chemical comparison of these two high-pressure amphiboles. Mineralogical Magazine, 2003, 67, 769-782.	0.6	14
90	Characterization of amphibole fibres linked to mesothelioma in the area of Biancavilla, Eastern Sicily, Italy. Mineralogical Magazine, 2003, 67, 1221-1229.	0.6	55

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91	Synthesis and characterisation of ferri-clinoferroholmquistite, $\text{Li}_2(\text{Fe}_2+3\text{Fe}_3+2)\text{Si}_8\text{O}_{22}(\text{OH})_2$ . European Journal of Mineralogy, 2003, 15, 321-327.	0.4	12
92	SODIC-FERRI-FERROPEDRIZITE AND FERRI-CLINOFERROHOLMQUISTITE: MINERAL DATA AND DEGREE OF ORDER OF THE A-SITE CATIONS IN LI-RICH AMPHIBOLES. Canadian Mineralogist, 2003, 41, 1345-1354.	0.3	18
93	Re-definition, nomenclature and crystal-chemistry of the hellandite group. American Mineralogist, 2002, 87, 745-752.	0.9	23
94	Ciprianiite and mottanaite-(Ce), two new minerals of the hellandite group from Latium (Italy). American Mineralogist, 2002, 87, 739-744.	0.9	24
95	Trace-element incorporation in titanite: constraints from experimentally determined solid/liquid partition coefficients. Chemical Geology, 2002, 191, 105-119.	1.4	208
96	Characterization of trace Nd and Ce site preference and coordination in natural melanites: a combined X-ray diffraction and high-energy XAFS study. Physics and Chemistry of Minerals, 2002, 29, 495-502.	0.3	19
97	Fluoro-edenite from Biancavilla (Catania, Sicily, Italy): Crystal chemistry of a new amphibole end-member. American Mineralogist, 2001, 86, 1489-1493.	0.9	70
98	Determination of site population in olivine: Warnings on X-ray data treatment and refinement. American Mineralogist, 2001, 86, 55-65.	0.9	15
99	On the symmetry and crystal chemistry of britholite: New structural and microanalytical data. American Mineralogist, 2001, 86, 1066-1075.	0.9	49
100	LI-BEARING ARFVEDSONITIC AMPHIBOLES FROM THE STRANGE LAKE PERALKALINE GRANITE, QUEBEC. Canadian Mineralogist, 2001, 39, 1161-1170.	0.3	26
101	Luciano Ungaretti (1942-2001). European Journal of Mineralogy, 2001, 13, 1243-1244.	0.4	0
102	Leverage analysis and structure refinement of minerals. American Mineralogist, 2000, 85, 532-542.	0.9	20
103	The crystal structure of peprossiite-(Ce), an anhydrous REE and Al mica-like borate with square-pyramidal coordination for Al. American Mineralogist, 2000, 85, 586-592.	0.9	17
104	A crystal chemical re-evaluation of amphibole/melt and amphibole/clinopyroxene $D_{\text{Ti}}$ values in petrogenetic studies. American Mineralogist, 2000, 85, 407-419.	0.9	30
105	Sodic-ferripedrize, a new monoclinic amphibole bridging the magnesium-iron-manganese-lithium and the sodium-calcium groups. American Mineralogist, 2000, 85, 578-585.	0.9	31
106	Nb and Ta incorporation and fractionation in titanian pargasite and kaersutite: crystal chemical constraints and implications for natural systems. Earth and Planetary Science Letters, 2000, 176, 185-201.	1.8	254
107	Partitioning of rare earth elements, Y, Th, U, and Pb between pargasite, kaersutite, and basanite to trachyte melts: Implications for percolated and veined mantle. Geochemistry, Geophysics, Geosystems, 2000, 1, n/a-n/a.	1.0	63
108	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. Analytical Chemistry, 2000, 72, 3731-3738.	3.2	44



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109	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.	1.2	150
110	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.	0.9	14
111	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.	0.9	36
112	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.	0.4	46
113	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.	0.4	36
114	Effects of Fe <sup>2+</sup> and Fe <sup>3+</sup> contents on cation ordering in omphacite. <i>European Journal of Mineralogy</i> , 1998, 10, 889-906.	0.4	7
115	Infiltration metasomatism at Lherz as monitored by systematic ion-microprobe investigations close to a hornblendite vein. <i>Chemical Geology</i> , 1996, 134, 113-133.	1.4	85
116	A new hyper-calcic amphibole with Ca at the A site; fluor-cannilloite from Pargas, Finland. <i>American Mineralogist</i> , 1996, 81, 995-1002.	0.9	25
117	New base induced rearrangements of 4-acylisoaxazolidines. Anionic reactional cascades from five membered rings to either four membered rings or open chain compounds. <i>Tetrahedron Letters</i> , 1996, 37, 917-920.	0.7	8
118	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.	0.4	8
119	Local structural environment of calcium in garnets: A combined structure-refinement and XANES investigation. <i>Physics and Chemistry of Minerals</i> , 1995, 22, 159.	0.3	27
120	Origin of LREE-depleted amphiboles in the subcontinental mantle. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1763-1771.	1.6	75
121	Temperature-dependent Al order-disorder in the tetrahedral double chain of C <sub>2</sub> /m amphiboles. <i>European Journal of Mineralogy</i> , 1995, 7, 1049-1064.	0.4	72
122	Crystal-chemical complexity in natural garnets: structural constraints on chemical variability. <i>European Journal of Mineralogy</i> , 1995, 7, 1239-1250.	0.4	47
123	Non-ideal solid-solution in garnet: crystal-structure evidence and modelling. <i>European Journal of Mineralogy</i> , 1995, 7, 1299-1312.	0.4	55
124	Structural studies of ritipenem acoxil (FCE 22891). X-ray crystal structure and chiroptical properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 2333-2336.	1.0	3
125	Periselectivity in the reactions of cyclopentadienones with 8-aryl-8-azaheptafulvenes. <i>Tetrahedron</i> , 1993, 49, 6331-6348.	1.0	10
126	Structure of dimethyl 2-[o-(3,5-dimethyl-1-pyrazolyl)anilino]-3-methoxymaleate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1976-1978.	0.4	0



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127	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.	0.4	30
128	The behaviour of Mn in amphiboles: Mn in richterite. <i>European Journal of Mineralogy</i> , 1993, 5, 43-52.	0.4	24
129	The behaviour of Ti in amphiboles: I. Four- and six-coordinate Ti in richterite. <i>European Journal of Mineralogy</i> , 1992, 4, 425-440.	0.4	90
130	Hexafluoroisopropanol as a suitable solvent for rearrangements via zwitterionic intermediates. <i>Tetrahedron</i> , 1991, 47, 6725-6736.	1.0	13
131	The crystal-chemistry of high-aluminium titanites. <i>European Journal of Mineralogy</i> , 1991, 3, 777-792.	0.4	105
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