

# Tonci Balic-Zunic

## List of Publications by Year in descending order

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130  
papers

6,808  
citations

172386

29  
h-index

62565

80  
g-index

133  
all docs

133  
docs citations

133  
times ranked

5756  
citing authors

#	ARTICLE	IF	CITATIONS
1	lkaite nucleation at 35â€‰°C challenges the use of glendonite as a paleotemperature indicator. Scientific Reports, 2020, 10, 8141.	1.6	27
2	Metasomatic Reactions between Archean Dunite and Trondhjemite at the Seqi Olivine Mine in Greenland. Minerals (Basel, Switzerland), 2020, 10, 85.	0.8	7
3	The High Pressure Behavior of Galenobismutite, PbBi <sub>2</sub> S <sub>4</sub> : A Synchrotron Single Crystal X-ray Diffraction Study. Crystals, 2019, 9, 210.	1.0	4
4	Commercial alkaline earth boroaluminosilicate glasses for sealing solid oxide cell stacks. Part I: Characterization of devitrification and glass-ceramic phase assemblages. International Journal of Applied Ceramic Technology, 2018, 15, 267-285.	1.1	2
5	Commercial alkaline earth boroaluminosilicate glasses for sealing solid oxide cell stacks. Part I: Development of glass-ceramic microstructure and thermomechanical properties. International Journal of Applied Ceramic Technology, 2018, 15, 255-266.	1.1	3
6	Topsite, Fe <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> , a new fumarolic mineral from the Hekla Volcano, Iceland. European Journal of Mineralogy, 2018, 30, 841-848.	0.4	2
7	Verneite, Na <sub>2</sub> Ca <sub>3</sub> Al <sub>2</sub> F <sub>14</sub> , a New Aluminum Fluoride Mineral from Icelandic and Vesuvius Fumaroles. Minerals (Basel, Switzerland), 2018, 8, 553.	0.8	6
8	A high-pressure phase transition in chalcostibite, CuSb <sub>2</sub> S <sub>2</sub> . European Journal of Mineralogy, 2018, 30, 491-505.	0.4	6
9	A Novel Synthesis Routine for Woodwardite and Its Affinity towards Light (La, Ce, Nd) and Heavy (Gd) Tj ETQq1 1 0,784314 rgBT /Ove	1.3	7
10	Dyrnaesite-(La) a new hyperagpaite mineral from the Ilímaussaq alkaline complex, South Greenland. Mineralogical Magazine, 2017, 81, 103-111.	0.6	4
11	The crystal structure of the new mineral dyrnaesite-(La), Na <sub>8</sub> CeVREE <sub>2</sub> (PO <sub>4</sub> ) <sub>6</sub> . Mineralogical Magazine, 2017, 81, 199-208.	0.6	4
12	Hydrothermal flake graphite mineralisation in Paleoproterozoic rocks of south-east Greenland. Mineralium Deposita, 2017, 52, 769-789.	1.7	18
13	Coupling between mineral reactions, chemical changes in groundwater, and earthquakes in Iceland. Journal of Geophysical Research: Solid Earth, 2016, 121, 2315-2337.	1.4	25
14	Thermal stability of extended clusters in dravite: a combined EMP, SREF and FTIR study. Physics and Chemistry of Minerals, 2016, 43, 395-407.	0.3	27
15	The crystal structure of baliite, Bi <sub>2</sub> O(SO <sub>4</sub> ) <sub>2</sub> , a new natural bismuth oxide sulfate. Mineralogical Magazine, 2015, 79, 597-611.	0.6	7
16	The high-pressure behavior of bloedite: A synchrotron single-crystal X-ray diffraction study. American Mineralogist, 2014, 99, 511-518.	0.9	20
17	Volatile and Organic Compositions of Sedimentary Rocks in Yellowknife Bay, Gale Crater, Mars. Science, 2014, 343, 1245267.	6.0	323
18	A Habitable Fluvio-Lacustrine Environment at Yellowknife Bay, Gale Crater, Mars. Science, 2014, 343, 1242777.	6.0	687

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19	Mineralogy of a Mudstone at Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1243480.	6.0	508
20	Marsâ€™ Surface Radiation Environment Measured with the Mars Science Laboratoryâ€™s Curiosity Rover. <i>Science</i> , 2014, 343, 1244797.	6.0	475
21	In Situ Radiometric and Exposure Age Dating of the Martian Surface. <i>Science</i> , 2014, 343, 1247166.	6.0	224
22	Elemental Geochemistry of Sedimentary Rocks at Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1244734.	6.0	246
23	The crystal structure of bÃgavadite (Na <sub>2</sub> SrBa <sub>2</sub> Al <sub>4</sub> F <sub>20</sub> ). <i>Mineralogy and Petrology</i> , 2014, 108, 479-486.	0.4	1
24	High-pressure X-ray study of LiCrSi <sub>2</sub> O <sub>6</sub> clinopyroxene and the general compressibility trends for Li-clinopyroxenes. <i>Physics and Chemistry of Minerals</i> , 2013, 40, 387-399.	0.3	4
25	X-ray Diffraction Results from Mars Science Laboratory: Mineralogy of Rocknest at Gale Crater. <i>Science</i> , 2013, 341, 1238932.	6.0	327
26	Curiosity at Gale Crater, Mars: Characterization and Analysis of the Rocknest Sand Shadow. <i>Science</i> , 2013, 341, 1239505.	6.0	280
27	Abundance and Isotopic Composition of Gases in the Martian Atmosphere from the Curiosity Rover. <i>Science</i> , 2013, 341, 263-266.	6.0	327
28	Volatile, Isotope, and Organic Analysis of Martian Fines with the Mars Curiosity Rover. <i>Science</i> , 2013, 341, 1238937.	6.0	367
29	Isotope Ratios of H, C, and O in CO <sub>2</sub> and H <sub>2</sub> O of the Martian Atmosphere. <i>Science</i> , 2013, 341, 260-263.	6.0	241
30	The Petrochemistry of Jake_M: A Martian Mugearite. <i>Science</i> , 2013, 341, 1239463.	6.0	134
31	Full analysis of feldspar texture and crystal structure by combining X-ray and electron techniques. <i>American Mineralogist</i> , 2013, 98, 41-52.	0.9	9
32	Soil Diversity and Hydration as Observed by ChemCam at Gale Crater, Mars. <i>Science</i> , 2013, 341, 1238670.	6.0	215
33	Low Upper Limit to Methane Abundance on Mars. <i>Science</i> , 2013, 342, 355-357.	6.0	103
34	Quadratite, AgCdAs <sub>3</sub> S <sub>3</sub> : Chemical composition, crystal structure, and OD character. <i>American Mineralogist</i> , 2013, 98, 242-247.	0.9	2
35	THE ROLE OF THE Sb <sup>3+</sup> LONE-ELECTRON PAIRS AND Fe <sup>2+</sup> COORDINATION IN THE HIGH-PRESSURE BEHAVIOR OF BERTHIERITE. <i>Canadian Mineralogist</i> , 2012, 50, 201-218.	0.3	3
36	Crystal structure of (Bi <sub>0.94</sub> Sb <sub>1.06</sub> )S <sub>3</sub> and reconsideration of cation distribution over mixed sites in the bismuthinestibnite solid-solution series. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2012, 189, 177-187.	0.1	5

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37	Re-investigation of the crystal structure of enstatite under high-pressure conditions. <i>American Mineralogist</i> , 2012, 97, 1741-1748.	0.9	16
38	SULFOSALTS AND MUCH MORE... A TRIBUTE TO EMIL MAKOVICKY. <i>Canadian Mineralogist</i> , 2012, 50, 177-180.	0.3	0
39	Jakobssonite, CaAlF <sub>5</sub> , a new mineral from fumaroles at the Eldfell and Hekla volcanoes, Iceland. <i>Mineralogical Magazine</i> , 2012, 76, 751-760.	0.6	11
40	Application of the ellipsoid modeling of the average shape of nanosized crystallites in powder diffraction. <i>Journal of Applied Crystallography</i> , 2012, 45, 22-27.	1.9	19
41	Order–disorder–reorder process in thermally treated dolomite samples: a combined powder and single-crystal X-ray diffraction study. <i>Physics and Chemistry of Minerals</i> , 2012, 39, 319-328.	0.3	19
42	Crystal-structure properties and the molecular nature of hydrostatically compressed realgar. <i>Physics and Chemistry of Minerals</i> , 2012, 39, 399-412.	0.3	12
43	High-pressure behavior of NaInSi <sub>2</sub> O <sub>6</sub> and the influence of Me <sup>3+</sup> on the compressibility of NaMe <sub>3</sub> +Si <sub>2</sub> O <sub>6</sub> silicates. <i>Solid State Communications</i> , 2012, 152, 132-137.	0.9	6
44	Structure refinement of Ag-free heyrovskyite from Vulcano (Aeolian Islands, Italy). <i>American Mineralogist</i> , 2011, 96, 1120-1128.	0.9	9
45	Comparison between beryllium and diamond-backing plates in diamond-anvil cells: Application to single-crystal x-ray diffraction high-pressure data. <i>Review of Scientific Instruments</i> , 2011, 82, 055111.	0.6	14
46	High-pressure crystal structure investigation of synthetic Fe <sub>2</sub> SiO <sub>4</sub> spinel. <i>Mineralogical Magazine</i> , 2011, 75, 2649-2655.	0.6	9
47	Application of powder X-ray diffraction and the Rietveld method to the analysis of oxidation processes and products in sulphidic mine tailings. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2011, 188, 31-47.	0.1	6
48	Crystal chemistry of nephelines from ijolites and nepheline-rich pegmatites: influence of composition and genesis on the crystal structure investigated by X-ray diffraction. <i>Mineralogy and Petrology</i> , 2011, 101, 185-194.	0.4	14
49	Pressure induced phase transition in Pb <sub>6</sub> Bi <sub>2</sub> S <sub>9</sub> . <i>Physics and Chemistry of Minerals</i> , 2011, 38, 1-10.	0.3	16
50	Packing schemes of cavities in selected clathrasils and zeolites and the analogous packings of atoms in crystal structures. <i>American Mineralogist</i> , 2010, 95, 1429-1438.	0.9	6
51	(Na,Ca)(Ti <sub>3+</sub> ,Mg)Si <sub>2</sub> O <sub>6</sub> -clinopyroxenes at high pressure: influence of cation substitution on elastic behavior and phase transition. <i>Physics and Chemistry of Minerals</i> , 2010, 37, 25-43.	0.3	15
52	Dependence of the lone pair of bismuth on coordination environment and pressure: An ab initio study on Cu <sub>4</sub> Bi <sub>5</sub> S <sub>10</sub> and Bi <sub>2</sub> S <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , 2010, 183, 2133-2143.	1.4	47
53	Crystal structure analyses of four tourmaline specimens from the Cleopatra's Mines (Egypt) and Jabal Zalm (Saudi Arabia), and the role of Al in the tourmaline group. <i>American Mineralogist</i> , 2010, 95, 510-518.	0.9	44
54	Paleo-redox boundaries in fractured granite. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2866-2880.	1.6	21

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55	New accurate compression data for $\hat{1}^3\text{-Fe}_2\text{SiO}_4$ . <i>Physics of the Earth and Planetary Interiors</i> , 2010, 183, 421-425.	0.7	18
56	Time-response relationship of nano and micro particle induced lung inflammation. Quartz as reference compound. <i>Human and Experimental Toxicology</i> , 2010, 29, 915-933.	1.1	37
57	Heklaite, $\text{KNaSiF}_6$ , a new fumarolic mineral from Hekla volcano, Iceland. <i>Mineralogical Magazine</i> , 2010, 74, 147-157.	0.6	13
58	Identification of monoclinic calcium pyrophosphate dihydrate and hydroxyapatite in human sclera using Raman microspectroscopy. <i>International Journal of Experimental Pathology</i> , 2009, 90, 74-78.	0.6	23
59	Composition and structure of an iron-bearing, layered double hydroxide (LDH) "Green rust sodium sulphate. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3579-3592.	1.6	89
60	Eldfellite, $\text{NaFe}(\text{SO}_4)_2$ , a new fumarolic mineral from Eldfell volcano, Iceland. <i>Mineralogical Magazine</i> , 2009, 73, 51-57.	0.6	28
61	YUKONITE FROM THE GROTTA DELLA MONACA CAVE, SANT'AGATA DI ESARO, ITALY: CHARACTERIZATION AND COMPARISON WITH COTYPE MATERIAL FROM THE DAULTON MINE, YUKON, CANADA. <i>Canadian Mineralogist</i> , 2009, 47, 39-51.	0.3	12
62	Crystal structures of iron bearing tetrahedrite and tennantite at 25 and 250 $\text{\AA}$ °C by means of Rietveld refinement of synchrotron data. <i>Physics and Chemistry of Minerals</i> , 2008, 35, 455-465.	0.3	24
63	Modular crystals as modulated structures: the case of the lillianite homologous series. <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 684-701.	1.8	21
64	Sulfosalt systematics: a review. Report of the sulfosalt sub-committee of the IMA Commission on Ore Mineralogy. <i>European Journal of Mineralogy</i> , 2008, 20, 7-62.	0.4	253
65	Two new examples of very short thallium-transition metal contacts: $\text{Tl}_3\text{Ag}_3\text{Sb}_2\text{S}_6$ and $\text{Tl}_3\text{Ag}_3\text{As}_2\text{S}_6$ . <i>Journal of Alloys and Compounds</i> , 2008, 457, 66-74.	2.8	12
66	The high-pressure behavior of an Al- and Fe-rich natural orthopyroxene. <i>American Mineralogist</i> , 2008, 93, 644-652.	0.9	20
67	High-Pressure Anisotropic Distortion of $\text{Pb}_3\text{Bi}_2\text{S}_6$ : a Pressure-Induced, Reversible Phase Transition with Migration of Chemical Bonds. <i>Inorganic Chemistry</i> , 2008, 47, 6756-6762.	1.9	27
68	WHAT IS THE REASON FOR THE DOUBLED UNIT-CELL VOLUMES OF COPPER-LEAD-RICH PAVONITE HOMOLOGUES? THE CRYSTAL STRUCTURES OF CUPROMAKOVICKYITE AND MAKOVICKYITE. <i>Canadian Mineralogist</i> , 2008, 46, 515-523.	0.3	20
69	SIMULTANEOUS REFINEMENT OF TWO COMPONENTS OF AN EXSOLUTION INTERGROWTH: CRYSTAL STRUCTURES OF THE LINDSTROMITE - KRUPKAITE PAIR. <i>Canadian Mineralogist</i> , 2008, 46, 525-539.	0.3	10
70	The crystal structure of vurroite, $\text{Pb}_{20}\text{Sn}_2(\text{Bi, As})_{22}\text{S}_{54}\text{Cl}_6$ : OD-character, polytypism, twinning, and modular description. <i>American Mineralogist</i> , 2008, 93, 713-727.	0.9	17
71	Low-temperature crystal structure evolution of $(\text{Na,Ca})(\text{Cr,Mg})\text{Si}_2\text{O}_6$ pyroxene. <i>Mineralogical Magazine</i> , 2008, 72, 809-816.	0.6	3
72	Incorporation of <i>REE</i> into leucophanite: a compositional and structural study. <i>Mineralogical Magazine</i> , 2007, 71, 625-640.	0.6	5

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73	The high-pressure structural configurations of Ca <sub>0.2</sub> Sr <sub>0.8</sub> Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> feldspar: The IFormula-I2/c and I2/c-P21/c phase transitions. <i>American Mineralogist</i> , 2007, 92, 1190-1199.	0.9	9
74	High-pressure optical spectroscopy and X-ray diffraction studies on synthetic cobalt aluminum silicate garnet. <i>American Mineralogist</i> , 2007, 92, 1616-1623.	0.9	6
75	THE CRYSTAL STRUCTURE OF Ni <sub>9.54</sub> Pd <sub>7.46</sub> S <sub>15</sub> . <i>Canadian Mineralogist</i> , 2007, 45, 847-855.	0.3	7
76	Comparative compressibility and structural behavior of spinel MgAl <sub>2</sub> O <sub>4</sub> at high pressures: The independency on the degree of cation order. <i>American Mineralogist</i> , 2007, 92, 1838-1843.	0.9	38
77	Arctic Vegetation Damage by Winter-Generated Coal Mining Pollution Released upon Thawing. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2407-2413.	4.6	38
78	Hydrostatic compression of galenobismutite (PbBi <sub>2</sub> S <sub>4</sub> ): elastic properties and high-pressure crystal chemistry. <i>Physics and Chemistry of Minerals</i> , 2007, 34, 467-475.	0.3	17
79	Fe-oxide fracture fillings as a palÅ   o-redox indicator: Structure, crystal form and Fe isotope composition. <i>Chemical Geology</i> , 2007, 244, 330-343.	1.4	23
80	THE CRYSTAL STRUCTURE OF KUDRIAVITE, (Cd,Pb)Bi <sub>2</sub> S <sub>4</sub> . <i>Canadian Mineralogist</i> , 2007, 45, 437-443.	0.3	19
81	Study of the temperature dependence of the structure of KY <sub>3</sub> F <sub>10</sub> . <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2677-2687.	0.7	26
82	EMILITE, Cu <sub>10.72</sub> Pb <sub>10.72</sub> Bi <sub>21.28</sub> S <sub>48</sub> , THE LAST MISSING LINK OF THE BISMUTHINITE AIKINITE SERIES?. <i>Canadian Mineralogist</i> , 2006, 44, 459-464.	0.3	4
83	RARE SULFOSALTS FROM VULCANO, AEOLIAN ISLANDS, ITALY. VII. Cl-BEARING GALENOBISMUTITE. <i>Canadian Mineralogist</i> , 2006, 44, 443-457.	0.3	10
84	GABRIELITE, Tl <sub>2</sub> AgCu <sub>2</sub> As <sub>3</sub> S <sub>7</sub> , A NEW SPECIES OF THALLIUM SULFOSALT FROM LENGENBACH, BINNTAL, SWITZERLAND. <i>Canadian Mineralogist</i> , 2006, 44, 135-140.	0.3	8
85	First occurrence of close-to-ideal kirkiite at Vulcano (Aeolian Islands, Italy): chemical data and single-crystal X-ray study. <i>European Journal of Mineralogy</i> , 2006, 18, 393-401.	0.4	12
86	THE CRYSTAL STRUCTURE OF KIRKIITE, Pb <sub>10</sub> Bi <sub>3</sub> As <sub>3</sub> S <sub>19</sub> . <i>Canadian Mineralogist</i> , 2006, 44, 177-188.	0.3	9
87	The compressibility mechanism of Li <sub>3</sub> Na <sub>3</sub> In <sub>2</sub> F <sub>12</sub> garnet. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2915-2924.	0.7	3
88	First occurrence of iodine in natural sulfosalts: The case of mutnovskite, Pb <sub>2</sub> As <sub>3</sub> (I,Cl,Br), a new mineral from the Mutnovsky volcano, Kamchatka Peninsula, Russian Federation. <i>American Mineralogist</i> , 2006, 91, 21-28.	0.9	17
89	THE CRYSTAL STRUCTURES OF JAGUEITE, Cu <sub>2</sub> Pd <sub>3</sub> Se <sub>4</sub> , AND CHRISSTANLEYITE, Ag <sub>2</sub> Pd <sub>3</sub> Se <sub>4</sub> . <i>Canadian Mineralogist</i> , 2006, 44, 497-505.	0.3	13
90	Hypoxia in the Eemian: mollusc faunas and sediment mineralogy from Cyprina Clay in the southern Baltic region. <i>Boreas</i> , 2006, 35, 367-377.	1.2	18

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91	THE CRYSTAL STRUCTURE OF GABRIELITE, $Tl_2AgCu_2As_3S_7$ , A NEW SPECIES OF THALLIUM SULFOSALT FROM LENGENBACH, SWITZERLAND. <i>Canadian Mineralogist</i> , 2006, 44, 141-158.	0.3	12
92	COMPARATIVE CRYSTAL-STRUCTURE STUDY OF Ag-FREE LILLIANITE AND GALENOBISMUTITE FROM VULCANO, AEOLIAN ISLANDS, ITALY. <i>Canadian Mineralogist</i> , 2006, 44, 159-175.	0.3	31
93	THE CRYSTAL STRUCTURE OF $(Be, \hat{A})(V, Ti)_3O_6$ , A MINERAL RELATED TO KYZYLKUMITE. <i>Canadian Mineralogist</i> , 2006, 44, 1147-1158.	0.3	4
94	CRYSTAL STRUCTURE OF COPPER-RICH UNSUBSTITUTED TENNANTITE, $Cu_{12.5}As_4S_{13}$ . <i>Canadian Mineralogist</i> , 2005, 43, 679-688.	0.3	30
95	KUDRIAVITE, $(Cd, Pb)Bi_2S_4$ , A NEW MINERAL SPECIES FROM KUDRIAVY VOLCANO, ITURUP ISLAND, KURILE ARC, RUSSIA. <i>Canadian Mineralogist</i> , 2005, 43, 695-701.	0.3	21
96	The crystal structure determinations and refinements of $K_2S_2O_7$ , $KNaS_2O_7$ and $Na_2S_2O_7$ from X-ray powder and single crystal diffraction data. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1697-1704.	1.4	40
97	Crystal structure and cation lone electron pair activity of $Bi_2S_3$ between 0 and 10 ÅGPa. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 578-584.	0.3	85
98	Structure of a synthetic halogen sulfosalt, $Cu_3Bi_2S_3I_3$ . <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 239-245.	1.8	16
99	MINERALOGICAL DATA ON SALZBURGITE AND PAARITE, TWO NEW MEMBERS OF THE BISMUTHINITE AIKINITE SERIES. <i>Canadian Mineralogist</i> , 2005, 43, 909-917.	0.3	6
100	KUANNERSUITE-(Ce), $Ba_6Na_2REE_2(PO_4)_6FCl$ , A NEW MEMBER OF THE APATITE GROUP, FROM THE ILIMAUSSAQ ALKALINE COMPLEX, SOUTH GREENLAND: DESCRIPTION AND CRYSTAL CHEMISTRY. <i>Canadian Mineralogist</i> , 2004, 42, 95-106.	0.3	7
101	Structure refinement of natural robinsonite, $Pb_4Sb_6S_{13}$ : cation distribution and modular description. <i>Neues Jahrbuch Fur Mineralogie, Monatshefte</i> , 2004, 2004, 49-67.	0.2	12
102	Spatial variations and controls of acid mine drainage generation. <i>Environmental Geology</i> , 2003, 43, 806-813.	1.2	10
103	Equation of state and crystal structure of $Sb_2S_3$ between 0 and 10 GPa. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 463-468.	0.3	73
104	Structural and optical properties of schwazite from Dragodol (Serbia). <i>Neues Jahrbuch Fur Mineralogie, Monatshefte</i> , 2003, 2003, 503-520.	0.2	10
105	The first occurrence of ewaldite and donnayite-(Y), two rare carbonate minerals, in the Narssarssuk pegmatite, South Greenland. <i>Neues Jahrbuch Fur Mineralogie, Monatshefte</i> , 2003, 2003, 543-555.	0.2	3
106	CRYSTAL STRUCTURES AND CRYSTAL CHEMISTRY OF MEMBERS OF THE CUPROBISMUTITE HOMOLOGOUS SERIES OF SULFOSALTS. <i>Canadian Mineralogist</i> , 2003, 41, 1481-1501.	0.3	27
107	KUPCIKITE, $Cu_{3.4}Fe_{0.6}Bi_5S_{10}$ , A NEW Cu Bi SULFOSALT FROM FELBERTAL, AUSTRIA, AND ITS CRYSTAL STRUCTURE. <i>Canadian Mineralogist</i> , 2003, 41, 1155-1166.	0.3	20
108	THE STRUCTURAL ROLE OF EXCESS Cu AND Pb IN GLADITE AND KRUPKAITE BASED ON NEW REFINEMENTS OF THEIR STRUCTURE. <i>Canadian Mineralogist</i> , 2002, 40, 1147-1159.	0.3	12

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109	Crystal and absolute structure of enargite from Bor (Serbia). Neues Jahrbuch F�ur Mineralogie, Monatshefte, 2002, 2002, 241-253.	0.2	9
110	Teallite from Radvanice near Trutnov (Czech Republic). Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2002, 177, 163-180.	0.1	6
111	The crystal structure and mineralogical description of a Na-dominant komarovite from the Ilimaussaq alkaline complex, South Greenland. Neues Jahrbuch F�ur Mineralogie, Monatshefte, 2002, 2002, 497-514.	0.2	10
112	Quantitative powder diffraction phase analysis with a combination of the Rietveld method and the addition method. Powder Diffraction, 2002, 17, 287-289.	0.4	8
113	Kinetics and Mechanisms of Dissolution and Growth of Acicular Triclinic Calcium Pyrophosphate Dihydrate Crystals. Crystal Growth and Design, 2002, 2, 567-571.	1.4	10
114	THE CRYSTAL STRUCTURE OF EMILITE, Cu <sub>10.7</sub> Pb <sub>10.7</sub> Bi <sub>21.3</sub> S <sub>48</sub> , THE SECOND 45 A DERIVATIVE OF THE BISMUTHINITE AIKINITE SOLID-SOLUTION SERIES. Canadian Mineralogist, 2002, 40, 239-245.	0.3	10
115	Behaviour of Fe-oxides relevant to contaminant uptake in the environment. Chemical Geology, 2002, 190, 321-337.	1.4	117
116	THE CRYSTAL STRUCTURE OF SYNTHETIC KUTINAITE, Cu <sub>14</sub> Ag <sub>6</sub> As <sub>7</sub> . Canadian Mineralogist, 2002, 40, 1437-1449.	0.3	4
117	Natural SnGeS <sub>3</sub> from Radvanice near Trutnov (Czech Republic): its description, crystal structure refinement and solid solution with PbGeS <sub>3</sub> . European Journal of Mineralogy, 2001, 13, 791-800.	0.4	10
118	Kinetics of Growth of Columnar Triclinic Calcium Pyrophosphate Dihydrate Crystals. Crystal Growth and Design, 2001, 1, 463-466.	1.4	11
119	The crystal structure of synthetic Rb <sub>2</sub> Sb <sub>8</sub> S <sub>12</sub> (S <sub>2</sub> ) · 2 H <sub>2</sub> O, a new member of the hutchinsonite family of merotypes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2001, 216, 272-277.	0.4	6
120	Sicherite, TlAg <sub>2</sub> (As,Sb) <sub>3</sub> S <sub>6</sub> , a new sulfosalt mineral from Lengenbach (Binntal, Switzerland): Description and structure determination. American Mineralogist, 2001, 86, 1087-1093.	0.9	18
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126	Growth and precipitation of a monoclinic calcium pyrophosphate tetrahydrate indicating auto-inhibition at pH7. Journal of Crystal Growth, 2000, 212, 500-506.	0.7	15



#	ARTICLE	IF	CITATIONS
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