

Tonci Balic-Zunic

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	A Habitable Fluvio-Lacustrine Environment at Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1242777.	6.0	687
2	Mineralogy of a Mudstone at Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1243480.	6.0	508
3	Marsâ€™™ Surface Radiation Environment Measured with the Mars Science Laboratoryâ€™™s Curiosity Rover. <i>Science</i> , 2014, 343, 1244797.	6.0	475
4	Volatile, Isotope, and Organic Analysis of Martian Fines with the Mars Curiosity Rover. <i>Science</i> , 2013, 341, 1238937.	6.0	367
5	X-ray Diffraction Results from Mars Science Laboratory: Mineralogy of Rocknest at Gale Crater. <i>Science</i> , 2013, 341, 1238932.	6.0	327
6	Abundance and Isotopic Composition of Gases in the Martian Atmosphere from the Curiosity Rover. <i>Science</i> , 2013, 341, 263-266.	6.0	327
7	Volatile and Organic Compositions of Sedimentary Rocks in Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1245267.	6.0	323
8	Curiosity at Gale Crater, Mars: Characterization and Analysis of the Rocknest Sand Shadow. <i>Science</i> , 2013, 341, 1239505.	6.0	280
9	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
10	Elemental Geochemistry of Sedimentary Rocks at Yellowknife Bay, Gale Crater, Mars. <i>Science</i> , 2014, 343, 1244734.	6.0	246
11	Isotope Ratios of H, C, and O in CO ₂ and H ₂ O of the Martian Atmosphere. <i>Science</i> , 2013, 341, 260-263.	6.0	241
12	In Situ Radiometric and Exposure Age Dating of the Martian Surface. <i>Science</i> , 2014, 343, 1247166.	6.0	224
13	Soil Diversity and Hydration as Observed by ChemCam at Gale Crater, Mars. <i>Science</i> , 2013, 341, 1238670.	6.0	215
14	New Measure of Distortion for Coordination Polyhedra. <i>Acta Crystallographica Section B: Structural Science</i> , 1998, 54, 766-773.	1.8	194
15	The Petrochemistry of Jake_M: A Martian Mugarite. <i>Science</i> , 2013, 341, 1239463.	6.0	134
16	Behaviour of Fe-oxides relevant to contaminant uptake in the environment. <i>Chemical Geology</i> , 2002, 190, 321-337.	1.4	117
17	Low Upper Limit to Methane Abundance on Mars. <i>Science</i> , 2013, 342, 355-357.	6.0	103
18	Composition and structure of an iron-bearing, layered double hydroxide (LDH) â€“ Green rust sodium sulphate. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3579-3592.	1.6	89

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19	Crystal structure and cation lone electron pair activity of Bi ₂ S ₃ between 0 and 10 GPa. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 578-584.	0.3	85
20	Equation of state and crystal structure of Sb ₂ S ₃ between 0 and 10 GPa. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 463-468.	0.3	73
21	Dependence of the lone pair of bismuth on coordination environment and pressure: An ab initio study on Cu ₄ Bi ₅ S ₁₀ and Bi ₂ S ₃ . <i>Journal of Solid State Chemistry</i> , 2010, 183, 2133-2143.	1.4	47
22	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
23	The crystal structure determinations and refinements of K ₂ S ₂ O ₇ , KNaS ₂ O ₇ and Na ₂ S ₂ O ₇ from X-ray powder and single crystal diffraction data. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1697-1704.	1.4	40
24	Comparative compressibility and structural behavior of spinel MgAl ₂ O ₄ at high pressures: The interdependency on the degree of cation order. <i>American Mineralogist</i> , 2007, 92, 1838-1843.	0.9	38
25	Arctic Vegetation Damage by Winter-Generated Coal Mining Pollution Released upon Thawing. <i>Environmental Science & Technology</i> , 2007, 41, 2407-2413.	4.6	38
26	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
27	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
28	Structure of the \hat{I}^2 form of calcium pyrophosphate tetrahydrate. <i>Acta Crystallographica Section B: Structural Science</i> , 2000, 56, 953-958.	1.8	30
29	CRYSTAL STRUCTURE OF COPPER-RICH UNSUBSTITUTED TENNANTITE, Cu _{12.5} As ₄ S ₁₃ . <i>Canadian Mineralogist</i> , 2005, 43, 679-688.	0.3	30
30	Eldfellite, NaFe(SO ₄) ₂ , a new fumarolic mineral from Eldfell volcano, Iceland. <i>Mineralogical Magazine</i> , 2009, 73, 51-57.	0.6	28
31	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
32	High-Pressure Anisotropic Distortion of Pb ₃ Bi ₂ S ₆ : a Pressure-Induced, Reversible Phase Transition with Migration of Chemical Bonds. <i>Inorganic Chemistry</i> , 2008, 47, 6756-6762.	1.9	27
33	Thermal stability of extended clusters in dravite: a combined EMP, SREF and FTIR study. <i>Physics and Chemistry of Minerals</i> , 2016, 43, 395-407.	0.3	27
34	lkaite nucleation at 35 ± 0.1 °C challenges the use of glendonite as a paleotemperature indicator. <i>Scientific Reports</i> , 2020, 10, 8141.	1.6	27
35	Study of the temperature dependence of the structure of KY ₃ F ₁₀ . <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2677-2687.	0.7	26
36	Coupling between mineral reactions, chemical changes in groundwater, and earthquakes in Iceland. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2315-2337.	1.4	25

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37	Crystal structures of iron bearing tetrahedrite and tennantite at 25 and 250Å°C by means of Rietveld refinement of synchrotron data. <i>Physics and Chemistry of Minerals</i> , 2008, 35, 455-465.	0.3	24
38	THE CRYSTAL STRUCTURE OF NEYITE, Ag ₂ Cu ₆ Pb ₂₅ Bi ₂₆ S ₆₈ . <i>Canadian Mineralogist</i> , 2001, 39, 1365-1376.	0.3	24
39	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
40	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
41	KUDRIAVITE, (Cd,Pb)Bi ₂ S ₄ , A NEW MINERAL SPECIES FROM KUDRIAVY VOLCANO, ITURUP ISLAND, KURILE ARC, RUSSIA. <i>Canadian Mineralogist</i> , 2005, 43, 695-701.	0.3	21
42	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
43	Paleo-redox boundaries in fractured granite. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2866-2880.	1.6	21
44	KUPCIKITE, Cu _{3.4} Fe _{0.6} Bi ₅ S ₁₀ , A NEW Cu Bi SULFOSALT FROM FELBERTAL, AUSTRIA, AND ITS CRYSTAL STRUCTURE. <i>Canadian Mineralogist</i> , 2003, 41, 1155-1166.	0.3	20
45	The high-pressure behavior of an Al- and Fe-rich natural orthopyroxene. <i>American Mineralogist</i> , 2008, 93, 644-652.	0.9	20
46	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
47	The high-pressure behavior of bloedite: A synchrotron single-crystal X-ray diffraction study. <i>American Mineralogist</i> , 2014, 99, 511-518.	0.9	20
48	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
49	Orderâ€“disorderâ€“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
50	THE CRYSTAL STRUCTURE OF KUDRIAVITE, (Cd,Pb)Bi ₂ S ₄ . <i>Canadian Mineralogist</i> , 2007, 45, 437-443.	0.3	19
51	Sicherite, TlAg ₂ (As,Sb) ₃ S ₆ , a new sulfosalt mineral from Lengenbach (Binntal, Switzerland): Description and structure determination. <i>American Mineralogist</i> , 2001, 86, 1087-1093.	0.9	18
52	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
53	New accurate compression data for Î³-Fe ₂ SiO ₄ . <i>Physics of the Earth and Planetary Interiors</i> , 2010, 183, 421-425.	0.7	18
54	Hydrothermal flake graphite mineralisation in Paleoproterozoic rocks of south-east Greenland. <i>Mineralium Deposita</i> , 2017, 52, 769-789.	1.7	18

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55	First occurrence of iodine in natural sulfosalts: The case of mutnovskite, $Pb_2AsS_3(I,Cl,Br)$, a new mineral from the Mutnovsky volcano, Kamchatka Peninsula, Russian Federation. <i>American Mineralogist</i> , 2006, 91, 21-28.	0.9	17
56	Hydrostatic compression of galenobismutite ($PbBi_2S_4$): elastic properties and high-pressure crystal chemistry. <i>Physics and Chemistry of Minerals</i> , 2007, 34, 467-475.	0.3	17
57	The crystal structure of vurroite, $Pb_{20}Sn_2(Bi, As)_{22}S_{54}Cl_6$: OD-character, polytypism, twinning, and modular description. <i>American Mineralogist</i> , 2008, 93, 713-727.	0.9	17
58	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
59	Pressure induced phase transition in $Pb_6Bi_2S_9$. <i>Physics and Chemistry of Minerals</i> , 2011, 38, 1-10.	0.3	16
60	Re-investigation of the crystal structure of enstatite under high-pressure conditions. <i>American Mineralogist</i> , 2012, 97, 1741-1748.	0.9	16
61	Kinetics of dissolution of triclinic calcium pyrophosphate dihydrate crystals. <i>Journal of Crystal Growth</i> , 1999, 203, 234-243.	0.7	15
62	Growth and precipitation of a monoclinic calcium pyrophosphate tetrahydrate indicating auto-inhibition at pH7. <i>Journal of Crystal Growth</i> , 2000, 212, 500-506.	0.7	15
63	(Na,Ca)(Ti ₃₊ ,Mg)Si ₂ O ₆ -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
64	THE CRYSTAL STRUCTURE OF $Cu_{1.6}Pb_{1.6}Bi_6.4S_{12}$, A NEW 44.8 Å DERIVATIVE OF THE BISMUTHINITE-AIKINITE SOLID-SOLUTION SERIES. <i>Canadian Mineralogist</i> , 2000, 38, 611-616.	0.3	14
65	THE CRYSTAL STRUCTURE OF PAARITE, THE NEWLY DISCOVERED 56 Å DERIVATIVE OF THE BISMUTHINITE-AIKINITE SOLID-SOLUTION SERIES. <i>Canadian Mineralogist</i> , 2001, 39, 1377-1382.	0.3	14
66	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
67	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
68	THE CRYSTAL STRUCTURES OF JAGUEITE, $Cu_2Pd_3Se_4$, AND CHRISSTANLEYITE, $Ag_2Pd_3Se_4$. <i>Canadian Mineralogist</i> , 2006, 44, 497-505.	0.3	13
69	Heklaite, $KNaSiF_6$, a new fumarolic mineral from Hekla volcano, Iceland. <i>Mineralogical Magazine</i> , 2010, 74, 147-157.	0.6	13
70	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
71	Structure refinement of natural robinsonite, $Pb_4Sb_6S_{13}$: cation distribution and modular description. <i>Neues Jahrbuch für Mineralogie, Monatshefte</i> , 2004, 2004, 49-67.	0.2	12
72	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

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73	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
74	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
75	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
76	THE CRYSTAL STRUCTURE OF GABRIELITE, $\text{Tl}_2\text{AgCu}_2\text{As}_3\text{S}_7$, A NEW SPECIES OF THALLIUM SULFOSALT FROM LENGENBACH, SWITZERLAND. <i>Canadian Mineralogist</i> , 2006, 44, 141-158.	0.3	12
77	Kinetics of Growth of Columnar Triclinic Calcium Pyrophosphate Dihydrate Crystals. <i>Crystal Growth and Design</i> , 2001, 1, 463-466.	1.4	11
78	Jakobssonite, CaAlF_5 , a new mineral from fumaroles at the Eldfell and Hekla volcanoes, Iceland. <i>Mineralogical Magazine</i> , 2012, 76, 751-760.	0.6	11
79	Natural SnGeS_3 from Radvanice near Trutnov (Czech Republic): its description, crystal structure refinement and solid solution with PbGeS_3 . <i>European Journal of Mineralogy</i> , 2001, 13, 791-800.	0.4	10
80	The crystal structure and mineralogical description of a Na-dominant komarovite from the Ilimaussaq alkaline complex, South Greenland. <i>Neues Jahrbuch für Mineralogie, Monatshefte</i> , 2002, 2002, 497-514.	0.2	10
81	Kinetics and Mechanisms of Dissolution and Growth of Acicular Triclinic Calcium Pyrophosphate Dihydrate Crystals. <i>Crystal Growth and Design</i> , 2002, 2, 567-571.	1.4	10
82	THE CRYSTAL STRUCTURE OF EMILITE, $\text{Cu}_{10.7}\text{Pb}_{10.7}\text{Bi}_{21.3}\text{S}_{48}$, THE SECOND 45 A DERIVATIVE OF THE BISMUTHINITE AIKINITE SOLID-SOLUTION SERIES. <i>Canadian Mineralogist</i> , 2002, 40, 239-245.	0.3	10
83	Spatial variations and controls of acid mine drainage generation. <i>Environmental Geology</i> , 2003, 43, 806-813.	1.2	10
84	Structural and optical properties of schwazite from Dragodol (Serbia). <i>Neues Jahrbuch für Mineralogie, Monatshefte</i> , 2003, 2003, 503-520.	0.2	10
85	RARE SULFOSALTS FROM VULCANO, AEOLIAN ISLANDS, ITALY. VII. Cl-BEARING GALENOBISMUTITE. <i>Canadian Mineralogist</i> , 2006, 44, 443-457.	0.3	10
86	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
87	Crystal and absolute structure of enargite from Bor (Serbia). <i>Neues Jahrbuch für Mineralogie, Monatshefte</i> , 2002, 2002, 241-253.	0.2	9
88	THE CRYSTAL STRUCTURE OF KIRKIITE, $\text{Pb}_{10}\text{Bi}_3\text{As}_3\text{S}_{19}$. <i>Canadian Mineralogist</i> , 2006, 44, 177-188.	0.3	9
89	The high-pressure structural configurations of $\text{Ca}_{0.2}\text{Sr}_{0.8}\text{Al}_2\text{Si}_2\text{O}_8$ feldspar: The I/c and $I/c-P2_1/c$ phase transitions. <i>American Mineralogist</i> , 2007, 92, 1190-1199.	0.9	9
90	Structure refinement of Ag-free heyrovskyite from Vulcano (Aeolian Islands, Italy). <i>American Mineralogist</i> , 2011, 96, 1120-1128.	0.9	9

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91	High-pressure crystal structure investigation of synthetic Fe ₂ SiO ₄ spinel. Mineralogical Magazine, 2011, 75, 2649-2655.	0.6	9
92	Full analysis of feldspar texture and crystal structure by combining X-ray and electron techniques. American Mineralogist, 2013, 98, 41-52.	0.9	9
93	The crystal structure of Cu ₂ Pb ₆ Bi ₈ S ₁₉ . European Journal of Mineralogy, 2000, 12, 825-833.	0.4	9
94	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
95	GABRIELITE, Ti ₂ AgCu ₂ As ₃ S ₇ , A NEW SPECIES OF THALLIUM SULFOSALT FROM LENGENBACH, BINNTAL, SWITZERLAND. Canadian Mineralogist, 2006, 44, 135-140.	0.3	8
96	Felbertalite, Cu ₂ Pb ₆ Bi ₈ S ₁₉ , a new mineral species from Felbertal, Salzburg Province, Austria. European Journal of Mineralogy, 2001, 13, 961-972.	0.4	7
97	KUANNERSUITE-(Ce), Ba ₆ Na ₂ REE ₂ (PO ₄) ₆ FCl, A NEW MEMBER OF THE APATITE GROUP, FROM THE ILIMAUSSAQ ALKALINE COMPLEX, SOUTH GREENLAND: DESCRIPTION AND CRYSTAL CHEMISTRY. Canadian Mineralogist, 2004, 42, 95-106.	0.3	7
98	THE CRYSTAL STRUCTURE OF Ni _{9.54} Pd _{7.46} S ₁₅ . Canadian Mineralogist, 2007, 45, 847-855.	0.3	7
99	The crystal structure of bismuth oxide sulfate, Bi ₂ O(SO ₄) ₂ , a new natural bismuth oxide sulfate. Mineralogical Magazine, 2015, 79, 597-611.	0.6	7
100	A Novel Synthesis Routine for Woodwardite and Its Affinity towards Light (La, Ce, Nd) and Heavy (Gd) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1.3		7
101	Metasomatic Reactions between Archean Dunitite and Trondhjemite at the Seqi Olivine Mine in Greenland. Minerals (Basel, Switzerland), 2020, 10, 85.	0.8	7
102	The crystal structure of synthetic Rb ₂ Sb ₈ S ₁₂ (S ₂) · 2 H ₂ O, a new member of the hutchinsonite family of merotypes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2001, 216, 272-277.	0.4	6
103	Teallite from Radvanice near Trutnov (Czech Republic). Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2002, 177, 163-180.	0.1	6
104	MINERALOGICAL DATA ON SALZBURGITE AND PAARITE, TWO NEW MEMBERS OF THE BISMUTHINITE AIKINITE SERIES. Canadian Mineralogist, 2005, 43, 909-917.	0.3	6
105	High-pressure optical spectroscopy and X-ray diffraction studies on synthetic cobalt aluminum silicate garnet. American Mineralogist, 2007, 92, 1616-1623.	0.9	6
106	Packing schemes of cavities in selected clathrasils and zeolites and the analogous packings of atoms in crystal structures. American Mineralogist, 2010, 95, 1429-1438.	0.9	6
107	Application of powder X-ray diffraction and the Rietveld method to the analysis of oxidation processes and products in sulphidic mine tailings. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2011, 188, 31-47.	0.1	6
108	High-pressure behavior of NaInSi ₂ O ₆ and the influence of Me ³⁺ on the compressibility of NaMe ₃ +Si ₂ O ₆ silicates. Solid State Communications, 2012, 152, 132-137.	0.9	6

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109	Verneite, Na ₂ Ca ₃ Al ₂ F ₁₄ , a New Aluminum Fluoride Mineral from Icelandic and Vesuvius Fumaroles. Minerals (Basel, Switzerland), 2018, 8, 553.	0.8	6
110	A high-pressure phase transition in chalcocostibite, CuSbS ₂ . European Journal of Mineralogy, 2018, 30, 491-505.	0.4	6
111	Incorporation of REE into leucophanite: a compositional and structural study. Mineralogical Magazine, 2007, 71, 625-640.	0.6	5
112	Crystal structure of (Bi _{0.94} Sb _{1.06})S ₃ and reconsideration of cation distribution over mixed sites in the bismuthinestibnite solid-solution series. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2012, 189, 177-187.	0.1	5
113	EMILITE, Cu _{10.72} Pb _{10.72} Bi _{21.28} S ₄₈ , THE LAST MISSING LINK OF THE BISMUTHINITE AIKINITE SERIES?. Canadian Mineralogist, 2006, 44, 459-464.	0.3	4
114	High-pressure X-ray study of LiCrSi ₂ O ₆ clinopyroxene and the general compressibility trends for Li-clinopyroxenes. Physics and Chemistry of Minerals, 2013, 40, 387-399.	0.3	4
115	Dyrnaesite-(La) a new hyperagpaite mineral from the Ilímaussaq alkaline complex, South Greenland. Mineralogical Magazine, 2017, 81, 103-111.	0.6	4
116	The crystal structure of the new mineral dyrnaesite-(La), Na ₈ CeVREE ₂ (PO ₄) ₆ . Mineralogical Magazine, 2017, 81, 199-208.	0.6	4
117	The High Pressure Behavior of Galenobismutite, PbBi ₂ S ₄ : A Synchrotron Single Crystal X-ray Diffraction Study. Crystals, 2019, 9, 210.	1.0	4
118	THE CRYSTAL STRUCTURE OF SYNTHETIC KUTINAITE, Cu ₁₄ Ag ₆ As ₇ . Canadian Mineralogist, 2002, 40, 1437-1449.	0.3	4
119	THE CRYSTAL STRUCTURE OF (Be, V, Ti) ₃ O ₆ , A MINERAL RELATED TO KYZYLKUMITE. Canadian Mineralogist, 2006, 44, 1147-1158.	0.3	4
120	The photoelectron spectra of some Tl-Sb sulphosalts. Physics and Chemistry of Minerals, 1993, 20, 285-296.	0.3	3
121	The first occurrence of ewaldite and donnayite-(Y), two rare carbonate minerals, in the Narssarssuk pegmatite, South Greenland. Neues Jahrbuch Fur Mineralogie, Monatshefte, 2003, 2003, 543-555.	0.2	3
122	The compressibility mechanism of Li ₃ Na ₃ In ₂ F ₁₂ garnet. Journal of Physics Condensed Matter, 2006, 18, 2915-2924.	0.7	3
123	Low-temperature crystal structure evolution of (Na,Ca)(Cr,Mg)Si ₂ O ₆ pyroxene. Mineralogical Magazine, 2008, 72, 809-816.	0.6	3
124	THE ROLE OF THE Sb ³⁺ LONE-ELECTRON PAIRS AND Fe ²⁺ COORDINATION IN THE HIGH-PRESSURE BEHAVIOR OF BERTHIERITE. Canadian Mineralogist, 2012, 50, 201-218.	0.3	3
125	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
126	Quadratite, AgCdAsS ₃ : Chemical composition, crystal structure, and OD character. American Mineralogist, 2013, 98, 242-247.	0.9	2

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127	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
128	Topsäeite, FeF ₃ (H ₂ O) ₃ , a new fumarolic mineral from the Hekla Volcano, Iceland. European Journal of Mineralogy, 2018, 30, 841-848.	0.4	2
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