Frank C Hawthorne

List of Publications by Year
in descending order

510 papers	14,279 citations	29994 54 h-index	34900 98 g-index
521 all docs	521 docs citations	521 times ranked	7387 citing authors

#	Article	IF	Citations
1	Protocaseyite, a new decavanadate mineral containing a [Al4(OH)6(H2O)12]6+ linear tetramer, a novel isopolycation. American Mineralogist, 2022, 107, 1181-1189.	0.9	5
2	Paulingâ€™s rules for oxide-based minerals: A re-examination based on quantum mechanical constraints and modern applications of bond-valence theory to Earth materials. American Mineralogist, 2022, 107, 1219-1248.	0.9	8
3	Shakhdaraite-(Y), ScYNb2O8, from the Leskhozovskaya granitic pegmatite, the valley of the Shakhdara River, southwestern Pamir, Gorno-Badakhshanskii Autonomous Region, Tajikistan: New mineral description and crystal structure. Canadian Mineralogist, 2022, 60, 369-382.	0.3	2
4	The redefinition of gunterite, Na4Ca[V10O28]Â·20H2O. Canadian Mineralogist, 2022, 60, 361-368.	0.3	3
5	Bonding between the decavanadate polyanion and the interstitial complex in pascoite-family minerals. Canadian Mineralogist, 2022, 60, 341-359.	0.3	2
6	Bond topology of chain, ribbon and tube silicates. Part I. Graph-theory generation of infinite one-dimensional arrangements of (TO₄)^{nâ¯} tetrahedra. Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 212-233.	0.0	4
7	Presentation of the Dana Medal of the Mineralogical Society of America for 2021 to Sergey Krivovichev. American Mineralogist, 2022, 107, 985-986.	0.9	0
8	From Structure Topology to Chemical Composition. XXXI. Refinement of the Crystal Structure and Chemical Formula of Selivanovaite, NaFe3+Ti4(Si2O7)2O4(H2O)4, a Murmanite-Group (Seidozerite) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Mineralogist, 2022, 60, 513-531.	0.3	2
9	Alluaudite-Group Phosphate and Arsenate Minerals. Canadian Mineralogist, 2021, 59, 243-263.	0.3	3
10	A comment on â€œAn evolutionary system of mineralogy: Proposal for a classification of planetary materials based on natural kind clusteringâ€• American Mineralogist, 2021, 106, 150-153.	0.9	8
11	A Structure Hierarchy for the Aluminofluoride Minerals. Canadian Mineralogist, 2021, 59, 211-241.	0.3	2
12	Proof That a Dominant Endmember Formula Can Always Be Written for a Mineral or a Crystal Structure. Canadian Mineralogist, 2021, 59, 159-167.	0.3	7
13	Ontology, archetypes and the definition of â€˜mineral speciesâ€™. Mineralogical Magazine, 2021, 85, 125-131.	0.6	13
14	From Structure Topology to Chemical Composition. XXIX. Revision of the Crystal Structure of Perraultite, NaBaMn4Ti2(Si2O7)2O2(OH)2F, a Seidozerite-Supergroup TS-Block Mineral from the Oktyabr'skii Massif, Ukraine, and Discreditation of Surkhobite. Canadian Mineralogist, 2021, 59, 365-379.	0.3	2
15	Ontology, archetypes and the definition of â€˜mineral speciesâ€™ - ERRATUM. Mineralogical Magazine, 2021, 85, 830-830.	0.6	0
16	The pascoite family of minerals, including the redefinition of rakovanite. Canadian Mineralogist, 2021, 59, 771-779.	0.3	6
17	Badakhshanite-(Y), Y2Mn4Al(Si2B7BeO24), a new mineral species of the perettiite group from a granite miarolic pegmatite in Eastern Pamir, the Gorno Badakhshan Autonomous Oblast, Tajikistan. Canadian Mineralogist, 2020, 58, 381-394.	0.3	1
18	Caseyite, a new mineral containing a variant of the flat-Al13 polyoxometalate cation. American Mineralogist, 2020, 105, 123-131.	0.9	8

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19	A structure hierarchy for silicate minerals: chain, ribbon, and tube silicates. Mineralogical Magazine, 2020, 84, 165-244.	0.6	31
20	From structure topology to chemical composition. XXVII. Revision of the crystal chemistry of the perraultite-type minerals of the seidozerite supergroup: Jinshajiangite, surkhobite, and bobshannonite. Canadian Mineralogist, 2020, 58, 19-43.	0.3	1
21	From structure topology to chemical composition. XXVIII. Titanium silicates: Jinshajiangite from the Oktyabr'skii Massif, Donetsk Region, Ukraine, a new occurrence. Canadian Mineralogist, 2020, 58, 223-229.	0.3	1
22	Extraordinary structural complexity of ilmajokite: a multilevel hierarchical framework structure of natural origin. IUCrJ, 2020, 7, 121-128.	1.0	8
23	Bond-length distributions for ions bonded to oxygen: results for the transition metals and quantification of the factors underlying bond-length variation in inorganic solids. IUCrJ, 2020, 7, 581-629.	1.0	59
24	From structure topology to chemical composition. XXVI. Crystal structure and chemical composition of a possible new mineral of the murmanite group (seidozerite supergroup), ideally Na2CaTi4(Si2O7)2O4(H2O)4, from the Lovozero alkaline massif, Kola Peninsula, Russia. Mineralogical Magazine, 2019, 83, 199-207.	0.6	0
25	Ferri-fluoro-katophorite from Bear Lake diggings, Bancroft area, Ontario, Canada: a new species of amphibole, ideally Na(NaCa)(Mg4Fe3+)(Si7Al)O22F2. Mineralogical Magazine, 2019, 83, 413-417.	0.6	2
26	High-temperature Fe oxidation coupled with redistribution of framework cations in lobanovite, K₂Na(Fe²⁺₄Mg₂Na)Ti₂(Si₄O₁₂)₂(su the first titanosilicate case. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 578-590.	0.5	3
27	Identifying Protonated Decavanadate Polyanions. Canadian Mineralogist, 2019, 57, 245-253.	0.3	9
28	Lepageite, Mn32+(Fe73+Fe42+)O3[Sb53+As83+O34], a new arsenite-antimonite mineral from the Szklary pegmatite, Lower Silesia, Poland. American Mineralogist, 2019, 104, 1043-1050.	0.9	4
29	Potassic-jeanlouisite from Leucite Hill, Wyoming, USA, ideally K(NaCa)(Mg₄Ti)Si₈O₂₂O₂: the first species of oxo amphibole in the sodiumâ€“calcium subgroup. Mineralogical Magazine, 2019, 83, 587-593.	0.6	0
30	Memorial of Paul Brian Moore 1940â€“2019. American Mineralogist, 2019, 104, 1062-1063.	0.9	2
31	Determination of V4+:V5+ Ratios in the [V10O28]nâ€“ Decavanadate Polyanion. Canadian Mineralogist, 2019, 57, 235-244.	0.3	11
32	Relative humidity as a driver of structural change in three new ferric-sulfate-tellurite hydrates: New minerals tamboite and metatamboite, and a lower-hydrate derivative, possibly involving direct uptake of atmospheric {H2O}4 clusters. Canadian Mineralogist, 2019, 57, 605-635.	0.3	2
33	Davidbrownite-(NH₄), (NH₄,K)₅(V⁴⁺O)₂(C₂O₄)[PO_{2.75}(OH)<su a new phosphateâ€“oxalate mineral from the Rowley mine, Arizona, USA. Mineralogical Magazine, 2019, 83, 869-877.	0.6	6
34	The Crystal Structure of Polylithionite-1M from Darai-Pioz, Tajikistan: the Role of Short-range Order in Driving Symmetry Reduction in 1M Li-rich Mica. Canadian Mineralogist, 2019, 57, 519-528.	0.3	2
35	BrandÃ£oite, [BeAl2(PO4)2(OH)2(H2O)4](H2O), a new Beâ€“Al phosphate mineral from the JoÃ£o Firmino mine, Pomarolli farm region, Divino das Laranjeiras County, Minas Gerais State, Brazil: description and crystal structure. Mineralogical Magazine, 2019, 83, 261-267.	0.6	0
36	Effect of fine-tuning pore structures on the dynamics of confined water. Journal of Chemical Physics, 2019, 150, 204706.	1.2	10

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37	Gaildunningite, Ideally Hg2+3[NHg2+2]18(Cl,I)24, a New Mineral from the Clear Creek Mine, San Benito County, California, USA: Description and Crystal Structure. Canadian Mineralogist, 2019, 57, 295-310.	0.3	3
38	Cation Order in the Crystal Structure of â€˜Ca-hingganite-(Y)'. Canadian Mineralogist, 2019, 57, 371-382.	0.3	2
39	Synthesis and solid solution in â€œrubidium richteriteâ€, Rb(NaCa)Mg5Si8O22(OH,F)2. Physics and Chemistry of Minerals, 2019, 46, 759-770.	0.3	2
40	Rinkite-(Y), Na2Ca4YTi(Si2O7)2OF3, a seidozerite-supergroup TS-block mineral from the Darai-Pioz alkaline massif, Tien-Shan mountains, Tajikistan: Description and crystal structure. Mineralogical Magazine, 2019, 83, 373-380.	0.6	8
41	Laverovite, K2NaMn7Zr2(Si4O12)2O2(OH)4F, a New Astrophyllite-supergroup Mineral from Mont Saint-hilaire, QuÃ‰bec, Canada. Canadian Mineralogist, 2019, 57, 201-213.	0.3	3
42	Fluorapophyllite-(Cs), CsCa4(Si8O20)F(H2O)8, a new apophyllite-group mineral from the Darai-Pioz Massif, Tien-Shan, northern Tajikistan. Canadian Mineralogist, 2019, 57, 965-971.	0.3	9
43	Gem amphiboles from Mogok, Myanmar: crystal-structure refinement, infrared spectroscopy and short-range orderâ€“disorder in gem pargasite and fluoro-pargasite. Mineralogical Magazine, 2019, 83, 361-371.	0.6	1
44	A structure hierarchy for silicate minerals: sheet silicates. Mineralogical Magazine, 2019, 83, 3-55.	0.6	37
45	News from the hellandite group: the redefinition of mottanaite and ciprianiite and the new mineral description of ferri-mottanaite-(Ce), the first Fe3+-dominant hellandite. European Journal of Mineralogy, 2019, 31, 799-806.	0.4	2
46	Clino-suenoite, a newly approved magnesium-iron-manganese amphibole from Valmalenco, Sondrio, Italy. Mineralogical Magazine, 2018, 82, 189-198.	0.6	0
47	Bond-length distributions for ions bonded to oxygen: results for the non-metals and discussion of lone-pair stereoactivity and the polymerization of PO₄. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 79-96.	0.5	28
48	The effect of type-B carbonate content on the elasticity of fluorapatite. Physics and Chemistry of Minerals, 2018, 45, 789-800.	0.3	6
49	Infrared Spectroscopy of Carbonaceous-chondrite Inclusions in the Kapoeta Meteorite: Discovery of Nanodiamonds with New Spectral Features and Astrophysical Implications. Astrophysical Journal Letters, 2018, 856, L9.	3.0	9
50	Empirical electronic polarizabilities: deviations from the additivity rule. I. M2+SO4Â·nH2O, blÃ¶dite Na2M2+(SO4)2Â·4H2O, and kieserite-related minerals with sterically strained structures. Physics and Chemistry of Minerals, 2018, 45, 303-310.	0.3	5
51	Magnesio-hornblende from LÃ¼deritz, Namibia: mineral description and crystal chemistry. Mineralogical Magazine, 2018, 82, 1253-1259.	0.6	4
52	A priori bond-valence and bond-length calculations in rock-forming minerals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 470-482.	0.5	8
53	A bond topological approach to borate minerals: A brief review. Journal of Commonwealth Law and Legal Education, 2018, 59, 121-129.	0.2	2
54	The high-temperature behaviour of riebeckite: expansivity, deprotonation, selective Fe oxidation and a novel cation disordering scheme for amphiboles. European Journal of Mineralogy, 2018, 30, 437-449.	0.4	29

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55	Chemographic exploration of the hyalotekite structure-type. Mineralogical Magazine, 2018, 82, 929-937.	0.6	3
56	Classification of the minerals of the graftonite group. Mineralogical Magazine, 2018, 82, 1301-1306.	0.6	5
57	Beusite-(Ca), ideally CaMn22+(PO4)2, a new graftonite-group mineral from the Yellowknife pegmatite field, Northwest Territories, Canada: Description and crystal structure. Mineralogical Magazine, 2018, 82, 1323-1332.	0.6	4
58	Cation order in the crystal structure of â€˜minasgeraisite-(Y)â€™. Mineralogical Magazine, 2018, 82, 301-312.	0.6	4
59	Bond-length distributions for ions bonded to oxygen: metalloids and post-transition metals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 63-78.	0.5	60
60	Folvikite, Sb5+Mn3+(Mg,Mn2+)10O8(BO3)4, a new oxyborate mineral from the Kitteln mine, Nordmark ore district, VÃrmland, Sweden: description and crystal structure. Mineralogical Magazine, 2018, 82, 821-836.	0.6	2
61	Ferro-tschermakite from the Ploumanac'h granitic complex, Brittany, France: mineral description. European Journal of Mineralogy, 2018, 30, 171-176.	0.4	2
62	From structure topology to chemical composition. XXIV. Revision of the crystal structure and chemical formula of vigrishinite, NaZnTi4(Si2O7)2O3(OH)(H2O)4, a seidozerite-supergroup mineral from the Lovozero alkaline massif, Kola peninsula, Russia. Mineralogical Magazine, 2018, 82, 787-807.	0.6	4
63	Long-range and short-range cation order in the crystal structures of carlfrancisite and mcgovernite. Mineralogical Magazine, 2018, 82, 1101-1118.	0.6	4
64	Graftonite-(Mn), ideally^{M1}Mn^{M2,M3}Fe₂(PO₄)₂, and graftonite-(Ca), ideally^{M1}Ca^{M2,M3}Fe₂(PO₄)₂, two new minerals of the graftonite group from Poland. Mineralogical Magazine, 2018, 82, 1307-1322.	0.6	4
65	The crystal-chemistry of riebeckite, ideally Na2Fe₃²⁺Fe₂³⁺Si8O22(OH)2: a multi-technique study. Mineralogical Magazine, 2018, 82, 837-852.	0.6	13
66	Heyerdahlite, Na3Mn7Ti2(Si4O12)2O2(OH)4F(H2O)2, a new mineral of the astrophyllite supergroup from the Larvik Plutonic complex, Norway: Description and crystal structure. Mineralogical Magazine, 2018, 82, 243-255.	0.6	4
67	The Ericssonite Group of Fe³⁺Disilicate Minerals. Canadian Mineralogist, 2018, 56, 95-99.	0.3	3
68	Redefinition of Zircophyllite, Ideally K2NaMn7Zr2(Si4O12)2O2(OH)4F, A Kupletskite-Group Mineral of the Astrophyllite Supergroup (In Accord With IMA 15-B) As An Astrophyllite-Group Mineral, Ideally K2NaFe2+7Zr2(Si4O12)2O2(OH)4F (IMA 17-D). Canadian Mineralogist, 2018, 56, 3-5.	0.3	2
69	The crystal structure of orlovite, KLi2 Ti(Si4 O10)(OF): the first example of the short-range order of Ti in true trioctahedral micas. European Journal of Mineralogy, 2018, 30, 399-402.	0.4	0
70	Bond topology and structural arrangements in inorganic crystals. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a78-a78.	0.0	0
71	A structure hierarchy for chain-, ribbon- and tube-silicate minerals: a bond topological approach. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a22-a22.	0.0	0
72	Short-Range Order-Disorder in Gem Richterite and Pargasite from Afghanistan: Crystal-Structure Refinement and Infrared Spectroscopy. Canadian Mineralogist, 2018, 56, 939-950.	0.3	1

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73	The crystal structure of orlovite, KLi2Ti(Si4O10)(OF): the first example of the short-range order of Ti in true trioctahedral micas. European Journal of Mineralogy, 2018, 30, 399-402.	0.4	1
74	Structural complexity and crystallization: the Ostwald sequence of phases in the Cu2(OH)3Cl system (botallackiteâ€“atacamiteâ€“clinoatacamite). Structural Chemistry, 2017, 28, 153-159.	1.0	48
75	Odigitriaite, CsNa₅Ca₅[Si₁₄B₂O₃₈]F₂, a new caesium borosilicate mineral from the Darai-Pioz alkaline massif, Tajikistan: Description and crystal structure. Mineralogical Magazine, 2017, 81, 113-122.	0.6	2
76	Mendeleevite-(Nd), (Cs,â–¡)₆ (â–¡,Cs)₆ (â–¡,K)₆ (REE,Ca)₃₀(Si₇₀O₁₇₅)(OH,H₂O,F)₃₅, a new mineral from the Darai-Pioz alkaline massif, Tajikistan. Mineralogical Magazine, 2017, 81, 135-141.	0.6	6
77	Lobanovite, K₂Na(Fe₄²⁺Mg₂Na)Ti₂(Si₄O₁₂)₂, a new mineral of the astrophyllite supergroup and its relation to magnesioastrophyllite. Mineralogical Magazine, 2017, 81, 175-181.	0.6	12
78	The astrophyllite supergroup: nomenclature and classification. Mineralogical Magazine, 2017, 81, 143-153.	0.6	19
79	Fogoite-(Y), Na3Ca2Y2Ti(Si2O7)2OF3, a Group I TS-block mineral from the Lagoa do Fogo, the Fogo volcano, SÃ£o Miguel Island, the Azores: Description and crystal structure. Mineralogical Magazine, 2017, 81, 369-381.	0.6	8
80	Å»abiÅ„skiite, ideally Ca(Al_{0.5}Ta_{0.5})(SiO₄)O, a new mineral of the titanite group from the PiÅ„awa GÃ³rna pegmatite, the GÃ³ry Sowie Block, southwestern Poland. Mineralogical Magazine, 2017, 81, 591-610.	0.6	5
81	Uranium-bearing opals: Products of U-mobilization, diffusion, and transformation processes. American Mineralogist, 2017, 102, 1154-1164.	0.9	5
82	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.	0.6	3
83	High-temperature behaviour of astrophyllite, K2NaFe7 2+Ti2(Si4O12)2O2(OH)4F: a combined X-ray diffraction and MÃ¶ssbauer spectroscopic study. Physics and Chemistry of Minerals, 2017, 44, 595-613.	0.3	5
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91	Maneckiite, ideally NaCa₂Fe²⁺₂(Fe³⁺Mg)Mn₂(PO₄)₆(H<sub>, a new phosphate mineral of the wicksite supergroup from the MichaÅ‚kowa pegmatite, GÃ³ry Sowie Block, southwestern Poland. Mineralogical Magazine, 2017, 81, 723-736.	0.6	3
92	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. Mineralogical Magazine, 2017, 81, 707-722.	0.6	7
93	Magnesio-riebeckite from the Varenche mine (Aosta Valley, Italy): crystal-chemical characterization of a grandfathered end-member. Mineralogical Magazine, 2017, 81, 1431-1437.	0.6	1
94	From structure topology to chemical composition. XXIII. Revision of the crystal structure and chemical formula of zvyaginite, Na₂ZnTiNb₂(Si₂O₇)₂O₂(OH)₂(H₂O)₈, a seidozerite-supergroup mineral from the Lovozero alkaline massif, Kola peninsula, Russia. Mineralogical Magazine, 2017, 81, 1533-1550.	0.6	8
95	Revision of the Formulae of Wernerbaurite and Schindlerite: Ammonium- Rather Than Hydronium-Bearing Decavanadate Minerals. Canadian Mineralogist, 2016, 54, 555-558.	0.3	12
96	Refinement of the Crystal Structure of SchneiderhÃ¶hnite. Canadian Mineralogist, 2016, 54, 707-713.	0.3	4
97	Ferro-ferri-hornblende from the Traversella mine (Ivrea, Italy): occurrence, mineral description and crystal-chemistry. Mineralogical Magazine, 2016, 80, 1233-1242.	0.6	7
98	From structure topology to chemical composition. XX. Titanium silicates: the crystal structure of hejtmanite, Ba₂Mn₄Ti₂(Si₂O₇)₂O₂(OH)₂F₂, a Group-II TS-block mineral. Mineralogical Magazine, 2016, 80, 841-853.	0.6	10
99	Oxo-mangani-leakeite from the Hoskins mine, New South Wales, Australia: occurrence and mineral description. Mineralogical Magazine, 2016, 80, 1013-1021.	0.6	3
100	From Structure Topology To Chemical Composition. XXII. Titanium Silicates: Revision of the Crystal Structure of Jinshajiangite, NaBaFe2+4Ti2(Si2O7)2O2(OH)2F, A Group-II TS-Block Mineral. Canadian Mineralogist, 2016, 54, 1187-1204.	0.3	7
101	Chemographic Exploration of the Milarite-Type Structure. Canadian Mineralogist, 2016, 54, 1229-1247.	0.3	22
102	Short-range atomic arrangements in minerals. I: The minerals of the amphibole, tourmaline and pyroxene supergroups. European Journal of Mineralogy, 2016, 28, 513-536.	0.4	33
103	Magnesio-ferri-fluoro-hornblende from Portoscuso, Sardinia, Italy: description of a newly approved member of the amphibole supergroup. Mineralogical Magazine, 2016, 80, 269-275.	0.6	2
104	Refinement of the crystal structure of berezanskite, Ti₂₂KLi₃(Si₁₂O₃₀). Mineralogical Magazine, 2016, 80, 733-737.	0.6	2
105	Bond-length distributions for ions bonded to oxygen: alkali and alkaline-earth metals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 602-625.	0.5	94
106	The crystal structure of gianellaite, [(NHg2)2](SO4)(H2O)x, a framework of (NHg4) tetrahedra with ordered (SO4) groups in the interstices. Mineralogical Magazine, 2016, 80, 869-875.	0.6	6
107	The Crystal Structure of Zircophyllite, K2NaFe2+7Zr2(Si4O12)2O2(OH)4F, An Astrophyllite-Supergroup Mineral From Mont Saint-Hilaire, QUÃ‰BEC, CANADA. Canadian Mineralogist, 2016, 54, 1539-1547.	0.3	9
108	Maruyamaite, K(MgAl₂)(Al₅Mg)Si₆O₁₈(BO₃)₃(OH)₃O, a potassium-dominant tourmaline from the ultrahigh-pressure Kokchetav massif, northern Kazakhstan: Description and crystal structure. American Mineralogist, 2016, 101, 355-361.	0.9	31

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109	Pieczkaite, ideally Mn5(PO4)3Cl, a new apatite-supergroup mineral from Cross Lake, Manitoba, Canada: Description and crystal structure. American Mineralogist, 2015, 100, 1047-1052.	0.9	8
110	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. American Mineralogist, 2015, 100, 909-914.	0.9	9
111	Magnesio-arfvedsonite from Jade Mine Tract, Myanmar: mineral description and crystal chemistry. Mineralogical Magazine, 2015, 79, 253-260.	0.6	4
112	FROM STRUCTURE TOPOLOGY TO CHEMICAL COMPOSITION. XVIII. TITANIUM SILICATES: REVISION OF THE CRYSTAL STRUCTURE AND CHEMICAL FORMULA OF BETALOMONOSOVITE, A GROUP-IV TS-BLOCK MINERAL FROM THE LOVOZERO ALKALINE MASSIF, KOLA PENINSULA, RUSSIA. Canadian Mineralogist, 2015, 53, 401-428.	0.3	17
113	LONG-RANGE AND SHORT-RANGE ORDER IN GEM PARGASITE FROM MYANMAR: CRYSTAL-STRUCTURE REFINEMENT AND INFRARED SPECTROSCOPY. Canadian Mineralogist, 2015, 53, 497-510.	0.3	5
114	Fontarnauite, (Na,K)2(Sr,Ca)(SO4)[B5O8(OH)](H2O)2, A New Sulfate-Borate Mineral From DoÄŸanlar (Emet), KÃ¼tahya Province, Western Anatolia, Turkey. Canadian Mineralogist, 2015, 53, 803-820.	0.3	3
115	Bobshannonite, Na2KBa(Mn,Na)8(Nb,Ti)4(Si2O7)4O4(OH)4(O,F)2, a new TS-block mineral from Mont Saint-Hilaire, QuÃ©bec, Canada: Description and crystal structure. Mineralogical Magazine, 2015, 79, 1791-1811.	0.6	13
116	Generating functions for stoichiometry and structure of single- and double-layer sheet-silicates. Mineralogical Magazine, 2015, 79, 1675-1709.	0.6	11
117	Yusupovite, Na₂Zr(Si₆O₁₅)(H₂O)₃, a new mineral species from the Darai-Pioz alkaline massif and its implications as a new microporous filter for large ions. American Mineralogist, 2015, 100, 1502-1508.	0.9	7
118	Katophorite from the Jade Mine Tract, Myanmar: mineral description of a rare (grandfathered) endmember of the amphibole supergroup. Mineralogical Magazine, 2015, 79, 355-363.	0.6	6
119	Toward theoretical mineralogy: A bond-topological approach. American Mineralogist, 2015, 100, 696-713.	0.9	39
120	Ti-RICH FLUORO-RICHTERITE FROM KARIÃ...SEN (NORWAY): THE OXO-COMPONENT AND THE USE OF Ti⁴⁺AS A PROXY. Canadian Mineralogist, 2015, 53, 285-294.	0.3	5
121	Comprehensive derivation of bond-valence parameters for ion pairs involving oxygen. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 562-578.	0.5	298
122	Khvorovite, Pb²⁺₄Ca₂[Si₈B₂(SiB)O₂₈]F, a new hyalotekite-group mineral from the Darai-Pioz alkaline massif, Tajikistan: Description and crystal structure. Mineralogical Magazine, 2015, 79, 949-963.	0.6	3
123	THE CRYSTAL STRUCTURE OF FAHEYITE, Mn2+Fe3+2[Be2(PO4)4](H2O)6: A NEW TWIST FOR THE [Be(PÎ¦4)2] CHAIN. Canadian Mineralogist, 2015, 53, 199-208.	0.3	0
124	Pilawite-(Y), Ca₂(Y,Yb)₂[Al₄(SiO₄)₄O₂(OH)₂], a new mineral from the PiÅ‚awa GÃ³rna granitic pegmatite, southwestern Poland: mineralogical data, crystal structure and association. Mineralogical Magazine, 2015, 79, 1143-1157.	0.6	13
125	FERRO-FERRI-NYBÃ˜ITE, NaNa2(Fe2+3Fe3+2)(Si7Al)O22(OH)2, A NEW CLINOAMPHIBOLE FROM MONT SAINT-HILAIRE, QUÃ‰BEC, CANADA: DESCRIPTION AND CRYSTAL STRUCTURE. Canadian Mineralogist, 2014, 52, 1019-1026.	0.3	2
126	BACKITE, Pb2Al(TeO6)Cl, A NEW TELLURATE MINERAL FROM THE GRAND CENTRAL MINE, TOMBSTONE HILLS, COCHISE COUNTY, ARIZONA: DESCRIPTIONÂAND CRYSTAL STRUCTURE. Canadian Mineralogist, 2014, 52, 935-942.	0.3	8

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