

Natalya Zubkova

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Early transition to sulfonylurea therapy in infant with DEND syndrome due to F132L ABCC8 mutation. <i>Acta Diabetologica</i> , 2022, 59, 1251-1253.	1.2	1
2	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. VII. Pharmazincite, $KZnAsO_4$. <i>Mineralogical Magazine</i> , 2017, 81, 1001-1008.	0.6	20
3	Dravertite, $CuMg(SO_4)_2$, a new mineral species from the Tolbachik volcano, Kamchatka, Russia. <i>European Journal of Mineralogy</i> , 2017, 29, 323-330.	0.4	11
4	Dorrite from Kopeisk, South Urals, Russia: crystal structure and cation ordering. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2016, 193, 275-282.	0.1	2
5	Tatarinovite $\text{Ca}_3\text{Al}(\text{SO}_4)[\text{Fe}(\text{OH})_4](\text{OH})_6 \cdot 12\text{H}_2\text{O}$, a new ettringite-group mineral from the Bazhenovskoe deposit, Middle Urals, Russia, and its crystal structure. <i>Geology of Ore Deposits</i> , 2016, 58, 653-665.	0.2	6
6	Structural chemistry of silicates: new discoveries and ideas. <i>Structural Chemistry</i> , 2016, 27, 1593-1603.	1.0	14
7	Crystal chemistry of a Ni-Mg-analogue of lyonsite from slags of Lavrion, Greece. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2016, 193, 113-120.	0.1	1
8	Crystal structure and refined formula of garyansellite $Mg_2Fe_3(PO_4)_2(OH) \cdot 2H_2O$. <i>Doklady Earth Sciences</i> , 2016, 467, 299-302.	0.2	0
9	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. VI. Melanarsite, $K_3Cu_7Fe^{3+}_3O_4(AsO_4)_4$. <i>Mineralogical Magazine</i> , 2016, 80, 855-867.	0.6	21
10	Lithium-containing Na-Fe-amphibole from cryolite rocks of the Katugin rare-metal deposit (Transbaikalia, Russia): chemical features and crystal structure. <i>Russian Geology and Geophysics</i> , 2016, 57, 1191-1203.	0.3	5
11	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. V. Katiarsite, $KTiO(AsO_4)$. <i>Mineralogical Magazine</i> , 2016, 80, 639-646.	0.6	26
12	Crystal chemistry of a Ba-dominant analogue of hydrodelhayelite and natural ion-exchange transformations in double- and triple-layer phyllosilicates in post-volcanic systems of the Eifel region, Germany. <i>Mineralogy and Petrology</i> , 2016, 110, 885-893.	0.4	5
13	Zincomenite, $ZnSeO_3$, a new mineral from the Tolbachik volcano, Kamchatka, Russia. <i>European Journal of Mineralogy</i> , 2016, 28, 997-1004.	0.4	7
14	Calciomurmanite, $(Na, \text{[]})_2Ca(Ti, Mg, Nb)_4[Si_2O_7]_2O_2(OH, O)_2(H_2O)_4$, a new mineral from the Lovozero and Khibiny alkaline complexes, Kola Peninsula, Russia. <i>European Journal of Mineralogy</i> , 2016, 28, 835-845.	0.4	12
15	Raisaite, $CuMg[Te_6O_4(OH)_2] \cdot 6H_2O$, a new mineral from Chukotka, Russia. <i>European Journal of Mineralogy</i> , 2016, 28, 459-466.	0.4	4
16	Shuvalovite, $K_2(Ca_2Na)(SO_4)_3F$, a new mineral from the Tolbachik volcano, Kamchatka, Russia. <i>European Journal of Mineralogy</i> , 2016, 28, 53-62.	0.4	2
17	Sanguite, $KCuCl_3$, A New Mineral From the Tolbachik Volcano, Kamchatka, Russia. <i>Canadian Mineralogist</i> , 2015, 53, 633-641.	0.3	8
18	Chanabayaite, $Cu_2(N_3C_2H_2)Cl(NH_3, Cl, H_2O, \text{---})_4$, a new mineral containing triazolate anion. <i>Geology of Ore Deposits</i> , 2015, 57, 712-720.	0.2	13

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19	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. IV. Shchurovskyite, $K_2CaCu_6O_2(AsO_4)_4$ and dmisokolovite, $K_3Cu_5AlO_2(AsO_4)_4$. Mineralogical Magazine, 2015, 79, 1737-1753.	0.6	32
20	Crystal chemistry of cation-exchanged forms of epistolite-group minerals, Part I. Ag- and Cu-exchanged lomonosovite and Ag-exchanged murmanite. European Journal of Mineralogy, 2015, 27, 535-549.	0.4	14
21	Chrysothallite $K_6Cu_6Ti_3Cl_{17}(OH)_4\hat{A}H_2O$, a new mineral species from the Tolbachik volcano, Kamchatka, Russia. Mineralogical Magazine, 2015, 79, 365-376.	0.6	14
22	New zinc and potassium chlorides from fumaroles of the Tolbachik volcano, Kamchatka, Russia: mineral data and crystal chemistry. II. Flinteite, K_2ZnCl_4 . European Journal of Mineralogy, 2015, 27, 581-588.	0.4	10
23	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. III. Popovite, $Cu_5O_2(AsO_4)_2$. Mineralogical Magazine, 2015, 79, 133-143.	0.6	26
24	CHUBAROVITE, $KZn_2(BO_3)Cl_2$, A NEW MINERAL SPECIES FROM THE TOLBACHIK VOLCANO, KAMCHATKA, RUSSIA. Canadian Mineralogist, 2015, 53, 273-284.	0.3	13
25	Shilovite, natural copper(II) tetrammine nitrate, a new mineral species. Mineralogical Magazine, 2015, 79, 613-623.	0.6	19
26	Lanthanum-rich fluorbritholite-(Ce) from young alkaline volcanic rock of Eifel (Germany) and its crystal structure. Cation ordering in britholites. Doklady Earth Sciences, 2015, 464, 936-939.	0.2	1
27	Crystal chemistry of cation-exchanged forms of epistolite-group minerals. Part II. Vigrishinite and Zn-exchanged murmanite. European Journal of Mineralogy, 2015, 27, 669-682.	0.4	12
28	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. II. Ericlaxmanite and kozyrevskite, two natural modifications of $Cu_4O(AsO_4)_2$. Mineralogical Magazine, 2014, 78, 1553-1569.	0.6	12
29	Zvyaginite, $NaZnNbTi[Si_2O_7]_2O(OH,F)_3(H_2O)_4 + x$ ($x \leq 1$), a new mineral of the epistolite group from the Lovozero Alkaline Pluton, Kola Peninsula, Russia. Geology of Ore Deposits, 2014, 56, 644-656.	0.2	9
30	WULFFITE, $K_3NaCu_4O_2(SO_4)_4$, AND PARAWULFFITE, $K_5Na_3Cu_8O_4(SO_4)_8$, TWO NEW MINERALS FROM FUMAROLE SUBLIMATES OF THE TOLBACHIK VOLCANO, KAMCHATKA, RUSSIA. Canadian Mineralogist, 2014, 52, 699-716.	0.3	21
31	Correianevesite, $Fe_2Mn_{22}(PO_4)_2 \cdot 3H_2O$, a new reddingite-group mineral from the Cigana mine, Conselheiro Pena, Minas Gerais, Brazil. American Mineralogist, 2014, 99, 811-816.	0.9	8
32	A review of crystal chemistry of natural silicates of alkaline elements in the light of new structural data. Mineralogical Magazine, 2014, 78, 253-265.	0.6	4
33	New arsenate minerals from the Arsenatnaya fumarole, Tolbachik volcano, Kamchatka, Russia. I. Yurmarinite, $Na_7(Fe^{3+}_3, Mg, Cu)_4(AsO_4)_6$. Mineralogical Magazine, 2014, 78, 905-917.	0.6	52
34	Koksharovite, $CaMg_2Fe_3+4(VO_4)_6$, and grigorievite, $Cu_3Fe_3+2Al_2(VO_4)_6$, two new howardevansite-group minerals from volcanic exhalations. European Journal of Mineralogy, 2014, 26, 667-677.	0.4	15
35	Refinement of the crystal structure of fornacite using the rietveld method. Doklady Earth Sciences, 2014, 456, 520-523.	0.2	5
36	Whitecapsite, a new hydrous iron and trivalent antimony arsenate mineral from the White Caps mine, Nevada, USA. European Journal of Mineralogy, 2014, 26, 577-587.	0.4	10

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37	Hydroxymanganopyrochlore: A new mineral from the Eifel volcanic region, Germany. <i>Doklady Earth Sciences</i> , 2013, 449, 342-345.	0.2	11
38	A new Cu-rich variety of lyonsite from fumarolic sublimates of the Tolbachik volcano (Kamchatka, Russia). <i>Journal of Metamorphic Geology</i> , 2013, 31, 107-116.	0.2	10
39	Kobyrashevite, $\text{Cu}_5(\text{SO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$, a new devilline-group mineral from the Vishnevye Mountains, South Urals, Russia. <i>Mineralogy and Petrology</i> , 2013, 107, 201-210.	0.4	11
40	Yaroshevskite, $\text{Cu}_9\text{O}_2(\text{VO}_4)_4\text{Cl}_2$, a new mineral from the Tolbachik volcano, Kamchatka, Russia. <i>Mineralogical Magazine</i> , 2013, 77, 107-116.	0.6	25
41	Hillesheimite, $(\text{K}, \text{Ca}, \text{Na})_2(\text{Mg}, \text{Fe}, \text{Ca})_2[(\text{Si}, \text{Al})_{13}\text{O}_{23}(\text{OH})_6](\text{OH}) \cdot 8\text{H}_2\text{O}$, a new phyllosilicate mineral of the interblässite group. <i>Geology of Ore Deposits</i> , 2013, 55, 549-557.	0.2	8
42	Vigrishinite, $\text{Zn}_2\text{Ti}_4 \cdot x\text{Si}_4\text{O}_{14}(\text{OH}, \text{H}_2\text{O})_8$, a new mineral from the Lovozero alkaline complex, Kola Peninsula, Russia. <i>Geology of Ore Deposits</i> , 2013, 55, 575-586.	0.2	10
43	Aklimaite, $\text{Ca}_4[\text{Si}_2\text{O}_5(\text{OH})_2](\text{OH})_4 \cdot 5\text{H}_2\text{O}$, a new natural hydrosilicate from Mount Lakargi, the Northern Caucasus, Russia. <i>Geology of Ore Deposits</i> , 2013, 55, 541-548.	0.2	3
44	Umbrianite, $\text{K}_7\text{Na}_2\text{Ca}_2[\text{Al}_3\text{Si}_{10}\text{O}_{29}]\text{F}_2\text{Cl}_2$, a new mineral species from melilitolite of the Pian di Celle volcano, Umbria, Italy. <i>European Journal of Mineralogy</i> , 2013, 25, 655-669.	0.4	13
45	Interblässite, $(\text{K}, \text{Ca})_3 \cdot x\text{Fe}[(\text{Si}, \text{Al})_{13}\text{O}_{25}(\text{OH}, \text{O})_4] \cdot 7\text{H}_2\text{O}$, a new mineral: the first phyllosilicate with triple tetrahedral layer. <i>Geology of Ore Deposits</i> , 2012, 54, 656-662.	0.2	9
46	Krashennikovite, $\text{KNa}_2\text{CaMg}(\text{SO}_4)_3\text{F}$, a new mineral from the Tolbachik volcano, Kamchatka, Russia. <i>American Mineralogist</i> , 2012, 97, 1788-1795.	0.9	8
47	Calciolangbeinite, $\text{K}_2\text{Ca}_2(\text{SO}_4)_3$, a new mineral from the Tolbachik volcano, Kamchatka, Russia. <i>Mineralogical Magazine</i> , 2012, 76, 673-682.	0.6	17
48	Cupromolybdate, $\text{Cu}_3\text{O}(\text{MoO}_4)_2$, a new fumarolic mineral from the Tolbachik volcano, Kamchatka Peninsula, Russia. <i>European Journal of Mineralogy</i> , 2012, 24, 749-757.	0.4	34
49	CARLIESECKEITE-(Nd), $\text{NaNdCa}_3(\text{PO}_4)_3\text{F}$, A NEW BELOVITE-GROUP MINERAL SPECIES FROM THE ILIMAUSSAQ ALKALINE COMPLEX, SOUTH GREENLAND. <i>Canadian Mineralogist</i> , 2012, 50, 571-580.	0.3	6
50	Pseudolyonsite, $\text{Cu}_3(\text{VO}_4)_2$, a new mineral species from the Tolbachik volcano, Kamchatka Peninsula, Russia. <i>European Journal of Mineralogy</i> , 2011, 23, 475-481.	0.4	35
51	CRYSTAL CHEMISTRY OF CANCRINITE-GROUP MINERALS WITH AN AB-TYPE FRAMEWORK: A REVIEW AND NEW DATA. II. IR SPECTROSCOPY AND ITS CRYSTAL-CHEMICAL IMPLICATIONS. <i>Canadian Mineralogist</i> , 2011, 49, 1151-1164.	0.3	19
52	Dehydration-induced structural transformations of the microporous zirconosilicate elpidite. <i>Inorganic Materials</i> , 2011, 47, 506-512.	0.2	14
53	CRYSTAL CHEMISTRY OF CANCRINITE-GROUP MINERALS WITH AN AB-TYPE FRAMEWORK: A REVIEW AND NEW DATA. I. CHEMICAL AND STRUCTURAL VARIATIONS. <i>Canadian Mineralogist</i> , 2011, 49, 1129-1150.	0.3	36
54	Fivegite $\text{K}_4\text{Ca}_2[\text{AlSi}_7\text{O}_{17}(\text{O}_2 \cdot x\text{OH})_2][(\text{H}_2\text{O})_2 \cdot x\text{OH}]\text{Cl}$: A new mineral species from the Khibiny alkaline pluton of the Kola Peninsula in Russia. <i>Geology of Ore Deposits</i> , 2011, 53, 591-603.	0.2	8

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55	Depmeierite $\text{Na}_8[\text{Al}_6\text{Si}_6\text{O}_{24}](\text{PO}_4,\text{CO}_3)_{1-x} \cdot 3\text{H}_2\text{O}$ ($x \leq 0.5$): A new cancrinite-group mineral species from the Lovozero alkaline pluton of the Kola Peninsula. <i>Geology of Ore Deposits</i> , 2011, 53, 604-613.	0.2	9
56	Eurekadumpite, $(\text{Cu,Zn})_{16}(\text{TeO}_3)_2(\text{AsO}_4)_3\text{Cl}(\text{OH})_{18} \cdot 7\text{H}_2\text{O}$, a new supergene mineral species. <i>Geology of Ore Deposits</i> , 2011, 53, 575-582.	0.2	7
57	Hydroxylchondrodite $\text{Mg}_5(\text{SiO}_4)_2(\text{OH})_2$: A new mineral of the humite group and its crystal structure. <i>Doklady Earth Sciences</i> , 2011, 436, 230-236.	0.2	6
58	Crystal structure of nitrate cancrinite synthesized under low-temperature hydrothermal conditions. <i>Doklady Earth Sciences</i> , 2011, 438, 669-672.	0.2	7
59	Low-hydrous cancrinite: Atomic structure and indicative importance. <i>Doklady Earth Sciences</i> , 2011, 439, 998-1001.	0.2	3
60	Crystal chemistry of elpidite from Khan Bogdo (Mongolia) and its K- and Rb-exchanged forms. <i>Crystallography Reports</i> , 2011, 56, 832-841.	0.1	12
61	Structural and mineralogical school of N.V. Belov at Moscow State University: New data on silicates obtained at the Department of Crystallography and Crystal Chemistry. <i>Crystallography Reports</i> , 2011, 56, 986-993.	0.1	0
62	Långbanshyttanite, a new low-temperature arsenate mineral with a novel structure from Långban, Sweden. <i>European Journal of Mineralogy</i> , 2011, 23, 675-681.	0.4	3
63	Crystal Chemistry of Cation-Exchanged Forms of Hilairite: New Experimental Data and Chemical Composition-Structure-Genesis Relations. <i>Crystallography Reports</i> , 2010, 55, 1031-1040.	0.1	2
64	Yegorovite, $\text{Na}_4[\text{Si}_4\text{O}_8(\text{OH})_4] \cdot 7\text{H}_2\text{O}$, a new mineral from the Lovozero alkaline pluton, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2010, 52, 584-590.	0.2	3
65	Voloshinite, a new rubidium mica from granitic pegmatite of Voronoi Tundras, Kola Peninsula, Russia. <i>Geology of Ore Deposits</i> , 2010, 52, 591-598.	0.2	7
66	Shlykovite $\text{KCa}[\text{Si}_4\text{O}_9(\text{OH})] \cdot 3\text{H}_2\text{O}$ and cryptophyllite $\text{K}_2\text{Ca}[\text{Si}_4\text{O}_{10}] \cdot 5\text{H}_2\text{O}$, new mineral species from the Khibiny alkaline pluton, Kola Peninsula, Russia. <i>Geology of Ore Deposits</i> , 2010, 52, 767-777.	0.2	13
67	Balliranoite, $(\text{Na,K})_6\text{Ca}_2(\text{Si}_6\text{Al}_6\text{O}_{24})\text{Cl}_2(\text{CO}_3)$, a new cancrinite-group mineral from Monte Somma Vesuvio volcanic complex, Italy. <i>European Journal of Mineralogy</i> , 2010, 22, 113-119.	0.4	12
68	LECOQITE-(Y), $\text{Na}_3\text{Y}(\text{CO}_3)_3 \cdot 6\text{H}_2\text{O}$, A NEW MINERAL SPECIES FROM MONT SAINT-HILAIRE, QUEBEC, CANADA. <i>Canadian Mineralogist</i> , 2010, 48, 95-104.	0.3	3
69	Stronadelphite, $\text{Sr}_5(\text{PO}_4)_3\text{F}$, a new apatite-group mineral. <i>European Journal of Mineralogy</i> , 2010, 22, 869-874.	0.4	18
70	Crystal structures of shlykovite and cryptophyllite: comparative crystal chemistry of phyllosilicate minerals of the mountainite family. <i>European Journal of Mineralogy</i> , 2010, 22, 547-555.	0.4	23
71	Biachellaite, $(\text{Na,Ca,K})_8(\text{Si}_6\text{Al}_6\text{O}_{24})(\text{SO}_4)_2(\text{OH})_{0.5} \cdot \text{H}_2\text{O}$, a new mineral species of the cancrinite group. <i>Geology of Ore Deposits</i> , 2009, 51, 588-594.	0.2	6
72	Crystal chemistry of murunskite. <i>Doklady Earth Sciences</i> , 2009, 424, 139-141.	0.2	7

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73	Crystal structure of yegorovite $\text{Na}_4[\text{Si}_4\text{O}_8(\text{OH})_4] \cdot 7\text{H}_2\text{O}$. Doklady Earth Sciences, 2009, 427, 814-818.	0.2	2
74	Crystal structure of hilairite from Khibiny alkaline massif (Kola Peninsula). Doklady Earth Sciences, 2009, 428, 1051-1053.	0.2	5
75	Crystal chemistry of delhayelite and hydrodelhayelite. Doklady Earth Sciences, 2009, 428, 1216-1221.	0.2	24
76	Crystal chemistry of Rb-, Sr-, Ba-, Ca- and Pb-exchanged forms of natural hilairite. European Journal of Mineralogy, 2009, 21, 495-506.	0.4	4
77	Elpasolite from hyperalkaline pegmatite of the Khibiny pluton, Kola Peninsula. Symmetry of elpasolite. Geology of Ore Deposits, 2008, 50, 749-754.	0.2	2
78	Nickelhexahydrite from the weathered meteorite Dronino: Variations of chemical composition, crystal structure, and genesis. Doklady Earth Sciences, 2008, 422, 1109-1112.	0.2	24
79	NIVEOLANITE, THE FIRST NATURAL BERYLLIUM CARBONATE, A NEW MINERAL SPECIES FROM MONT SAINT-HILAIRE, QUEBEC, CANADA. Canadian Mineralogist, 2008, 46, 1343-1354.	0.3	6
80	Zincolivenite $\text{CuZn}(\text{AsO}_4)(\text{OH})$: A new adamite-group mineral with ordered distribution of Cu and Zn. Doklady Earth Sciences, 2007, 415, 841-845.	0.2	18
81	Crystal structures of potassium-exchanged forms of catapleiite and hilairite. Crystallography Reports, 2007, 52, 65-70.	0.1	18
82	Refined crystal structure of parakeldyshite and the genetic crystal chemistry of zirconium minerals with $[\text{Si}_2\text{O}_7]$ diorthogroups. Crystallography Reports, 2007, 52, 1066-1071.	0.1	8
83	Chesnokovite, $\text{Na}_2[\text{Si}_2\text{O}_2(\text{OH})_2] \cdot 8\text{H}_2\text{O}$, the first natural sodium orthosilicate from the Lovozero alkaline pluton, Kola Peninsula: Description and crystal structure of a new mineral species. Geology of Ore Deposits, 2007, 49, 727-738.	0.2	4
84	Fluorcalciobriitholite, $(\text{Ca},\text{REE})_5[(\text{Si},\text{P})\text{O}_4]_3\text{F}$, a new mineral: description and crystal chemistry. European Journal of Mineralogy, 2007, 19, 95-103.	0.4	21
85	Crystal structure of Pb-exchanged form of zorite. Crystallography Reports, 2006, 51, 379-382.	0.1	7
86	Crystal structures of K- and Cs-exchanged forms of zorite. Crystallography Reports, 2005, 50, 367-373.	0.1	11
87	THE CRYSTAL STRUCTURE OF CALCIUM CATAPLEIITE. Canadian Mineralogist, 2004, 42, 1037-1045.	0.3	19
88	Crystal structure of byelorussite-(Ce) $\text{NaMnBa}_2\text{Ce}_2(\text{TiO})_2[\text{Si}_4\text{O}_{12}]_2(\text{F},\text{OH}) \cdot \text{H}_2\text{O}$. Crystallography Reports, 2004, 49, 964-968.	0.1	4
89	THE CRYSTAL STRUCTURE OF ILIMAUSSITE-(Ce), $(\text{Ba},\text{Na})_{10}\text{K}_3\text{Na}_{4.5}\text{Ce}_5(\text{Nb},\text{Ti})_6[\text{Si}_{12}\text{O}_{36}][\text{Si}_9\text{O}_{18}(\text{O},\text{OH})_{24}]\text{O}_6$, AND THE "ILIMAUSSITE" PROBLEM. Canadian Mineralogist, 2004, 42, 787-795.	0.3	4
90	New data on vlasovite: Refinement of the crystal structure and the radiation damage of the crystal during the x-ray diffraction experiment. Crystallography Reports, 2003, 48, 750-754.	0.1	19

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91	The crystal structure of arsentsumebite, $Pb_2Cu[(As,S)O_4]_2(OH)$. <i>Mineralogy and Petrology</i> , 2002, 75, 79-88.	0.4	21
92	Crystal structure of cation-deficient calciophilairite and possible mechanisms of decationization in mixed-framework minerals. <i>Crystallography Reports</i> , 2002, 47, 748-752.	0.1	23
93	MERO-PLESIOTYPE BAFERTISITE SERIES. <i>Canadian Mineralogist</i> , 2001, 39, 1307-1316.	0.3	31