

Stanislav K Filatov

List of Publications by Year in descending order

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177
papers

2,972
citations

186265

28
h-index

243625

44
g-index

181
all docs

181
docs citations

181
times ranked

1704
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel red-emitting color-tunable phosphors BaBi ₂ -Eu B ₂ O ₇ (x = 0â€“0.40): Study of the crystal structure and luminescence. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122837.	2.9	8
2	Crystal structure, thermal expansion and fluorescence of Sr ₃ â€“1.5Eu B ₂ +Si ₁ â€“O ₈ â€“/2 phosphors. <i>Materials Chemistry and Physics</i> , 2021, 260, 124151.	4.0	3
3	Dobrovolskyite, Na ₄ Ca(SO ₄) ₃ , a new fumarolic sulfate from the Great Tolbachik fissure eruption, Kamchatka Peninsula, Russia. <i>Mineralogical Magazine</i> , 2021, 85, 233-241.	1.4	9
4	Thermal expansion, shear deformations and electrical conductivity of alluaudite-group minerals (badalovite and calciojohillerite). <i>Physics and Chemistry of Minerals</i> , 2021, 48, 1.	0.8	2
5	A Thermal Study of the New Mineral Belomarinaite KNaSO ₄ . <i>Journal of Volcanology and Seismology</i> , 2021, 15, 51-57.	0.7	3
6	Low-temperature investigation of natural iron-rich oxoborates vonsenite and hulsite: thermal deformations of crystal structure, strong negative thermal expansion and cascades of magnetic transitions. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 1021-1034.	1.1	4
7	Investigation of thermal behavior of mixed-valent iron borates vonsenite and hulsite containing [O ₄ M ₄] ⁿ⁺ and [O ₅ M ₅] ⁿ⁺ oxocentred polyhedra by in situ high-temperature Mössbauer spectroscopy, X-ray diffraction and thermal analysis. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 542-553.	1.1	5
8	Crystal structure and strong uniaxial negative thermal expansion of CaBi ₂ B ₂ O ₇ borate. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108262.	3.9	4
9	Petrovite, Na ₁₀ CaCu ₂ (SO ₄) ₈ , a new fumarolic sulfate from the Great Tolbachik fissure eruption, Kamchatka Peninsula, Russia. <i>Mineralogical Magazine</i> , 2020, 84, 691-698.	1.4	10
10	E. S. Fedorov Promoting the Russian-German Scientific Interrelationship. <i>Minerals (Basel)</i> 10(10) 382-394	2.0	4
11	The Symmetry Statistics of Mineral Species in Various Thermodynamic Environments. <i>Geology of Ore Deposits</i> , 2020, 62, 547-553.	0.7	1
12	The Systematics of Crystal Polymorphic Transformations (Generalized on the Basis of Buergerâ€“TMs) <i>Minerals (Basel)</i> 10(10) 382-394	0.7	1
13	Elucidating the physical properties of the molybdenum oxide Mo ₄ O ₁₁ and its tantalum substituted variant Mo ₂ Ta ₂ O ₁₁ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 143-155.	0.8	11
14	Ozerovaita, Na ₂ KAl ₃ (AsO ₄) ₄ , new mineral species from Tolbachik volcano, Kamchatka peninsula, Russia. <i>European Journal of Mineralogy</i> , 2019, 31, 159-166.	1.3	5
15	On Interchangeability of Probeâ€“Object Roles in Quantumâ€“Quantum Interaction-Free Measurement. <i>Foundations of Physics</i> , 2019, 49, 283-297.	1.3	1
16	Belomarinaite KNa(SO ₄): A new sulfate from 2012â€“2013 Tolbachik Fissure eruption, Kamchatka Peninsula, Russia. <i>Mineralogical Magazine</i> , 2019, 83, 569-575.	1.4	16
17	Structure refinement and thermal properties of novel cubic borate Lu ₂ Ba ₃ B ₆ O ₁₅ . <i>Materials Chemistry and Physics</i> , 2019, 229, 355-361.	4.0	6
18	The novel borate Lu ₅ Ba ₆ B ₉ O ₂₇ with a new structure type: synthesis, disordered crystal structure and negative linear thermal expansion. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 697-703.	1.1	9

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19	Crystalline borosilicates of alkali and alkaline earth metals: hierarchy, fundamental building blocks and thermal expansion. <i>Journal of Commonwealth Law and Legal Education</i> , 2019, 60, 129-139.	0.5	6
20	Thermal expansion of alluaudite group minerals (nickenichite and calciojohillerite). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e273-e273.	0.1	0
21	Synthesis, crystal structures and thermal expansion of novel lutetium barium borates. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e267-e267.	0.1	1
22	Thermal expansion of alkaline-earth borates. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e274-e274.	0.1	0
23	Hermannjahnite, $\text{CuZn}(\text{SO}_4)_2$, a new mineral with chalcocyanite derivative structure from the Naboko scoria cone of the 2012–2013 fissure eruption at Tolbachik volcano, Kamchatka, Russia. <i>Mineralogy and Petrology</i> , 2018, 112, 123-134.	1.1	19
24	The Birth of a New Crystallochemistry on a Volcano. <i>Journal of Volcanology and Seismology</i> , 2018, 12, 388-396.	0.7	2
25	Wrightite, $\text{K}_2\text{Al}_2\text{O}(\text{AsO}_4)_2$, a new oxo-orthoarsenate from the Second scoria cone, Northern Breakthrough, Great Fissure eruption, Tolbachik volcano, Kamchatka peninsula, Russia. <i>Mineralogical Magazine</i> , 2018, 82, 1243-1251.	1.4	4
26	Saranchinaite, $\text{Na}_2\text{Cu}(\text{SO}_4)_2$, a new exhalative mineral from Tolbachik volcano, Kamchatka, Russia, and a product of the reversible dehydration of kramnikite, $\text{Na}_2\text{Cu}(\text{SO}_4)_2(\text{H}_2\text{O})_2$. <i>Mineralogical Magazine</i> , 2018, 82, 257-274.	1.4	24
27	Copper oxosulphates from fumaroles of Tolbachik volcano: puninite, $\text{Na}_2\text{Cu}_3\text{O}(\text{SO}_4)_3$ – a new mineral species and structure refinements of kamchatkite and alumoklyuchevskite. <i>European Journal of Mineralogy</i> , 2017, 29, 499-510.	1.3	34
28	Synthesis and Characterization of the High-Pressure Nickel Borate Ni_4O_7 . <i>Inorganic Chemistry</i> , 2017, 56, 4217-4228.	4.0	22
29	Forms of solid solution ordering upon decreasing temperature. <i>Journal of Structural Chemistry</i> , 2017, 58, 135-158.	1.0	5
30	Borates – Crystal Structures of Prospective Nonlinear Optical Materials: High Anisotropy of the Thermal Expansion Caused by Anharmonic Atomic Vibrations. <i>Crystals</i> , 2017, 7, 93.	2.2	40
31	Orientational order-disorder $\text{I}^3 \rightarrow \text{I}^2 \rightarrow \text{I}^1$ phase transitions in $\text{Sr}_2\text{B}_2\text{O}_5$ pyroborate and crystal structures of I^2 and I^1 phases. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 1056-1067.	1.1	8
32	Ivsite, $\text{Na}_3\text{H}(\text{SO}_4)_2$, a new mineral from volcanic exhalations of fumaroles of the Fissure Tolbachik Eruption of the 50th Anniversary of the Institute of Volcanology and Seismology, Far East Branch, Russian Academy of Sciences. <i>Doklady Earth Sciences</i> , 2016, 468, 632-635.	0.7	7
33	Thermal expansion and structural complexity of strontium borates. <i>Structural Chemistry</i> , 2016, 27, 1663-1671.	2.0	18
34	Self-assembly and high anisotropy thermal expansion of compounds consisting of TO_3 triangular radicals. <i>Structural Chemistry</i> , 2016, 27, 1647-1662.	2.0	13
35	Microparagenesis of diamonds and native aluminum in ejecta of recent volcanism. <i>Journal of Volcanology and Seismology</i> , 2016, 10, 64-70.	0.7	3
36	Thermally induced reversible phase transformations of boroleucite, KBSi_2O_6 . <i>European Journal of Mineralogy</i> , 2016, 28, 15-21.	1.3	3

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37	Bubnovaite, $K_2 Na_8 Ca(SO_4)_6$, a new mineral species with modular structure from the Tolbachik volcano, Kamchatka peninsula, Russia. <i>European Journal of Mineralogy</i> , 2016, 28, 677-686.	1.3	18
38	A study of volcanogenic exhalation mineralization. <i>Journal of Volcanology and Seismology</i> , 2016, 10, 71-85.	0.7	55
39	Thermal expansion and structural complexity of Ba silicates with tetrahedrally coordinated Si atoms. <i>Journal of Solid State Chemistry</i> , 2016, 235, 76-84.	2.9	18
40	Atomic nature of the high anisotropy of borate thermal expansion. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s308-s308.	0.1	0
41	Unusual thermal polymorphic transformation of $K_3Si_2O_6$. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s310-s310.	0.1	0
42	Approach to determination the thermal expansion tensor and its interpretation. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s309-s309.	0.1	0
43	Atomic nature of the high anisotropy of borate thermal expansion. <i>Journal of Commonwealth Law and Legal Education</i> , 2015, 46, 24-35.	0.5	6
44	Incommensurate modulation and thermal expansion of $Sr_3B_2Si_4O_{18}$ solid solutions. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 489-497.	1.1	6
45	Density and refractive indices of alkali borate and borosilicate crystals and glasses: a comparative analysis. <i>Journal of Commonwealth Law and Legal Education</i> , 2015, 56, 183-188.	0.5	1
46	Crystallography and high-temperature crystal chemistry of anhydrous borosilicates of alkali and alkali-earth metals. <i>Journal of Structural Chemistry</i> , 2014, 55, 1342-1355.	1.0	9
47	Unique thallium mineralization in the fumaroles of the Tolbachik volcano, Kamchatka Peninsula, Russia. II. Karpovite, $Tl_2VO(SO_4)_2(H_2O)$. <i>Mineralogical Magazine</i> , 2014, 78, 1699-1709.	1.4	13
48	Unique thallium mineralization in the fumaroles of Tolbachik volcano, Kamchatka Peninsula, Russia. III. Evdokimovite, $Tl_4(VO)_3(SO_4)_5(H_2O)_5$. <i>Mineralogical Magazine</i> , 2014, 78, 1711-1724.	1.4	14
49	Unique thallium mineralization in the fumaroles of Tolbachik volcano, Kamchatka Peninsula, Russia. I. Markhininite, $TlBi(SO_4)_2$. <i>Mineralogical Magazine</i> , 2014, 78, 1687-1698.	1.4	19
50	Temperature- and moisture-dependency of $CsLiB_6O_{10}$. A new phase, $\hat{\Gamma}^2$ - $CsLiB_6O_{10}$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, .	0.8	4
51	Synthesis and thermal behaviour of pauflerite, $\hat{\Gamma}^2$ - $VOSO_4$, and its $\hat{\Gamma}^\pm$ -modification. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, 725-729.	0.8	7
52	Diamonds and accessory minerals in products of the 2012-2013 Tolbachik Fissure Eruption. <i>Journal of Volcanology and Seismology</i> , 2014, 8, 323-339.	0.7	22
53	Anhydrous lithium borate, $Li_3B_{11}O_{18}$, crystal structure, phase transition and thermal expansion. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, 497-504.	0.8	6
54	Diamonds in lavas of the Tolbachik fissure eruption in Kamchatka. <i>Doklady Earth Sciences</i> , 2014, 454, 47-49.	0.7	12

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55	Nicksobolevite, $\text{Cu}_7(\text{SeO}_3)_2\text{O}_2\text{Cl}_6$, a new complex copper oxoselenite chloride from Tolbachik fumaroles, Kamchatka peninsula, Russia. <i>European Journal of Mineralogy</i> , 2014, 26, 439-449.	1.3	22

56	Software for determining the thermal expansion tensor and the graphic representation of its characteristic surface (theta to tensor-TTT). <i>Glass Physics and Chemistry</i> , 2013, 39, 347-350.	0.7	88
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73	New mineral species in products of fumarole activity of the Great Tolbachik Fissure Eruption. Journal of Volcanology and Seismology, 2012, 6, 281-289.	0.7	40
74	Lammerite- \hat{I}^2 , $Cu_3(AsO_4)_2$, a new mineral from fumaroles of the Great Fissure Tolbachik eruption, Kamchatka Peninsula, Russia. Geology of Ore Deposits, 2012, 54, 565-569.	0.7	12
75	Preparation, crystal structure and thermal expansion of a novel layered borate, $Ba_2Bi_3B_25O_{44}$. Journal of Solid State Chemistry, 2012, 196, 11-16.	2.9	15
76	Polymorphic transformations and thermal deformations of monoclinic n-paraffins $C_{30}H_{62}$ and $C_{32}H_{66}$. Journal of Structural Chemistry, 2012, 53, 973-987.	1.0	4
77	Thermal expansion and order-disorder polymorphic transformation in the family of borates $BaNaMe(BO_3)_2$, Me = Sc, Y. Glass Physics and Chemistry, 2012, 38, 162-171.	0.7	4
78	Crystal formation from glass, crystal structure refinement and thermal behavior of $K_{1-x}Rb_xBSi_2O_6$ boroleucite solid solutions from X-ray powder diffraction data. Zeitschrift für Kristallographie, 2011, 226, 602-612.	1.1	12
79	Transformation of the crystal structure in the series of $K_{1-x}Cs_xBSi_2O_6$ borosilicate solid solutions. Glass Physics and Chemistry, 2011, 37, 572-578.	0.7	9
80	General concept of increasing crystal symmetry with an increase in temperature. Crystallography Reports, 2011, 56, 953-961.	0.6	43
81	Synthesis, growth and some physical properties of new orthoborates $ScBaNa(BO_3)_2$ and $YBaNa(BO_3)_2$. Journal of Crystal Growth, 2011, 318, 954-957.	1.5	3
82	Self-assembly of fundamental building blocks (FBB) in borate structures. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s201-s201.	0.3	0
83	Thermal expansion and phase transitions in $K_{1-x}Cs_xBSi_2O_6$ borosilicate solid solutions. Glass Physics and Chemistry, 2010, 36, 61-69.	0.7	6
84	Crystal structure and thermal expansion of ammonium pentaborate $NH_4B_5O_8$. Glass Physics and Chemistry, 2010, 36, 369-375.	0.7	10
85	Crystal growth, crystal structure of new polymorphic modification, \hat{I}^2 - $Bi_2B_8O_{15}$ and thermal expansion of \hat{I}^2 - $Bi_2B_8O_{15}$. Journal of Solid State Chemistry, 2010, 183, 458-464.	2.9	14
86	Synthesis, crystal structure and thermal behavior of $Sr_3B_2SiO_8$ borosilicate. Journal of Solid State Chemistry, 2010, 183, 2352-2357.	2.9	27
87	Crystal growth, crystal structure and thermal expansion of a new layered borate $Ba_2Bi_3B_{25}O_{44}$. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s48-s48.	0.3	2
88	Temperature-dependent structural changes and hydration of $CsLiB_6O_{10}$. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s88-s89.	0.3	0
89	Electronic structure and magnetic properties of the spin-1/2 Heisenberg system $CuSe_2O_5$. New Journal of Physics, 2009, 11, 113034.	2.9	35
90	Recent developments in tomographic small-angle X-ray scattering. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1723-1726.	1.8	26

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91	Synthesis, crystal structure and thermal behavior of a novel oxoborate SrBi ₂ B ₄ O ₁₀ . Journal of Solid State Chemistry, 2009, 182, 1260-1264.	2.9	12
92	Anomalous variations of crystal habits and solution properties in the context of the crystallization medium structure. Geology of Ore Deposits, 2009, 51, 644-655.	0.7	1
93	The crystal structure of alumoklyuchevskite, K ₃ Cu ₃ AlO ₂ (SO ₄) ₄ . Geology of Ore Deposits, 2009, 51, 656-662.	0.7	13
94	Thermal expansion of new arsenate minerals, bradaczekite, NaCu ₄ (AsO ₄) ₃ , and urusovite, Cu(AsAlO ₅). Geology of Ore Deposits, 2009, 51, 827-832.	0.7	6
95	Thermal investigation of ammonioborite (NH ₄) ₃ [B ₁₅ O ₂₀ (OH) ₈] · 4H ₂ O. Glass Physics and Chemistry, 2009, 35, 191-198.	0.7	3
96	Structure of vitreous lithium and cesium triborates. Glass Physics and Chemistry, 2009, 35, 284-289.	0.7	5
97	Strong anisotropic thermal expansion in borates. Physica Status Solidi (B): Basic Research, 2008, 245, 2469-2476.	1.5	43
98	Negative linear thermal expansion of oblique-angle (monoclinic and triclinic) crystals as a common case. Physica Status Solidi (B): Basic Research, 2008, 245, 2490-2496.	1.5	18
99	Temperature-dependent Changes of the Crystal Structure of Li ₂ B ₄ O ₇ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2601-2607.	1.2	22
100	Mechanical properties of single crystalline and glassy lithium triborate. Crystal Research and Technology, 2008, 43, 339-349.	1.3	10
101	Thermal "order-disorder" behaviour in (Na _{1-x} K _x) ₄ B ₈ O ₁₄ solid solutions investigated by X-ray powder diffraction. Crystal Research and Technology, 2008, 43, 1150-1160.	1.3	2
102	About 200 years after Mohs " Nanoscratching LiB ₃ O ₅ . Crystal Research and Technology, 2008, 43, 1109-1116.	1.3	2
103	Crystal structure and thermal behavior of a new borosilicate with the CAS framework type. Microporous and Mesoporous Materials, 2008, 116, 569-574.	4.4	14
104	Minerals and synthetic Pb(II) compounds with oxocentered tetrahedra: review and classification. Zeitschrift Fur Kristallographie - Crystalline Materials, 2008, 223, 114-125.	0.8	43
105	Thermal expansion and phase transitions in K ¹⁺ x Rb x BSi ₂ O ₆ leucite borosilicate solid solutions. Glass Physics and Chemistry, 2008, 34, 436-442.	0.7	13
106	Structural Mineralogy of Borates as Perspective Materials for Technological Applications. , 2008, , 111-115.		5
107	Zeolite-Like Borosilicates from the Si-Rich Part of the R ₂ O-B ₂ O ₃ -SiO ₂ (R = K, Rb, Cs) Systems. , 2008, , 117-121.		1
108	THE CRYSTAL STRUCTURE OF PARAGEORGBOKIITE, Å-Cu ₅ O ₂ (SeO ₃) ₂ Cl ₂ . Canadian Mineralogist, 2007, 45, 929-934.	1.0	25

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109	XRD and DSC study of the formation and the melting of a new zeolite like borosilicate CsBSi ₅ O ₁₂ and (Cs,Rb)BSi ₅ O ₁₂ solid solutions. Zeitschrift für Kristallographie, 2007, 222, 83-88.	1.1	23
110	Li ₂ B ₄ O ₇ crystal structure in anharmonic approximation at 20, 200, 400 and 500 Å°C. Journal of Alloys and Compounds, 2007, 428, 290-296.	5.5	34
111	PAUFLERITE, Å-VO(SO ₄), A NEW MINERAL SPECIES FROM THE TOLBACHIK VOLCANO, KAMCHATKA PENINSULA, RUSSIA. Canadian Mineralogist, 2007, 45, 921-927.	1.0	28
112	THE CRYSTAL STRUCTURE OF LENINGRADITE, PbCu ₃ (VO ₄) ₂ Cl ₂ . Canadian Mineralogist, 2007, 45, 445-449.	1.0	16
113	Crystal structure, thermal and compositional deformations of Å ² -CsB ₅ O ₈ . Crystal Research and Technology, 2007, 42, 143-150.	1.3	14
114	Preparation, crystal structure and thermal expansion of a new bismuth barium borate, BaBi ₂ B ₄ O ₁₀ . Journal of Solid State Chemistry, 2007, 180, 596-603.	2.9	30
115	Structure of bismuth oxoborate Bi ₄ B ₂ O ₉ at 20, 200, and 450 Å°C. Russian Journal of Inorganic Chemistry, 2007, 52, 21-28.	1.3	18
116	Posteruptive activity on the First Cone of the Great Tolbachik Fissure Eruption and recent volcanogenic generation of bauxites. Journal of Volcanology and Seismology, 2007, 1, 119-139.	0.7	6
117	Crystalline structure of the TiO ₂ II high-pressure phase at 293, 223, and 133 K according to single-crystal x-ray diffraction data. Doklady Physics, 2007, 52, 195-199.	0.7	20
118	Parageorgbokiite, Å ² -Cu ₅ O ₂ (SeO ₃) ₂ Cl ₂ , a new mineral species from volcanic exhalations, Kamchatka Peninsula, Russia. Geology of Ore Deposits, 2007, 49, 518-521.	0.7	7
119	Identification of biogenic paraffins and their thermal phase transitions. Geology of Ore Deposits, 2007, 49, 697-709.	0.7	66
120	Mechanical properties and structure of a nanoporous sodium borosilicate glass. Glass Physics and Chemistry, 2007, 33, 187-198.	0.7	7
121	High-temperature crystal chemistry of Å [±] -Na ₂ B ₄ O ₇ and Å ² -NaB ₃ O ₅ layered borates. Glass Physics and Chemistry, 2007, 33, 217-225.	0.7	8
122	Thermal expansion and polymorphism in a series of rubidium cesium boroleucites. Glass Physics and Chemistry, 2007, 33, 242-249.	0.7	8
123	Algorithm for calculating the thermal expansion tensor and constructing the thermal expansion diagram for crystals. Glass Physics and Chemistry, 2007, 33, 271-275.	0.7	51
124	Polymorphic transformations of C ₂₆ H ₅₄ and C ₂₈ H ₅₈ n-paraffins as typical rotator substances. Journal of Structural Chemistry, 2007, 48, 654-665.	1.0	10
125	THE CRYSTAL STRUCTURE OF ALLOCHALCOSELITE, Cu+Cu ₂₊₅ PbO ₂ (SeO ₃) ₂ Cl ₅ , A MINERAL WITH WELL-DEFINED Cu+ AND Cu ₂₊ POSITIONS. Canadian Mineralogist, 2006, 44, 507-514.	1.0	28
126	X-ray powder diffraction studies and thermal behaviour of NaK ₂ B ₉ O ₁₅ , Na(Na.17K.83)B ₉ O ₁₅ , and (Na.80K.20)K ₂ B ₉ O ₁₅ . Journal of Solid State Chemistry, 2006, 179, 2954-2963.	2.9	13

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127	Contribution of Metallogenium-Siderococcus bacteria to the postvolcanic transformation of igneous material (Kamchatka). Eurasian Soil Science, 2006, 39, 298-306.	1.6	3
128	Thermal expansion of $\hat{1}^2$ -BaB2O4 and BaB4O7 borates. Glass Physics and Chemistry, 2006, 32, 471-478.	0.7	10
129	Crystal-structure refinement, thermal expansion, and chemical distortion of Bi2Ga4O9. Russian Journal of Inorganic Chemistry, 2006, 51, 878-883.	1.3	10
130	High-Pressure Synthesis of $\hat{1}^{\pm}$ -PbO2 and Its Crystal Structure at 293, 203, and 113 K from Single Crystal Diffraction Data.. ChemInform, 2006, 37, no.	0.0	0
131	Crystal structure and thermal behaviour of (Rb,Cs)BSi2O6 solid solutions. Crystal Research and Technology, 2006, 41, 285-292.	1.3	23
132	LiB3O5 crystal structure at 20, 227 and 377 \hat{A} °C. Journal of Solid State Chemistry, 2005, 178, 2987-2997.	2.9	51
133	High-pressure synthesis of $\hat{1}^{\pm}$ -PbO2 and its crystal structure at 293, 203, and 113 K from single crystal diffraction data. Solid State Sciences, 2005, 7, 1363-1368.	3.2	23
134	The crystal structure of high-temperature $\hat{1}$ -CsB5O8 modification at 20, 300, and 500 \hat{i} ½C. Crystal Research and Technology, 2005, 40, 65-72.	1.3	10
135	In situ high-temperature X-ray diffraction study of the Rb2O-B2O3 glass forming system. Crystal Research and Technology, 2005, 40, 73-82.	1.3	5
136	Room, low, and high temperature dehydration and phase transitions of kernite in vacuum and in air. Crystal Research and Technology, 2005, 40, 563-572.	1.3	8
137	Aurivillius Phases in the Bi4Ti3O12/BiFeO3 System: Thermal Behaviour and Crystal Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1603-1608.	1.2	70
138	CRYSTAL STRUCTURE OF \hat{A} -Cu2V2O7 AND ITS COMPARISON TO BLOSSITE (\hat{A} -Cu2V2O7) AND ZIESITE (\hat{A} -Cu2V2O7), Canadian Mineralogist, 2005, 43, 671-677.	1.0	41
139	Crystal structure and thermal behaviour of boropollucite CsBSi2O6. Solid State Sciences, 2004, 6, 629-637.	3.2	35
140	Crystal Structure of Cu(I)Cu(II)4O(SeO3)Cl5, a New Heterovalent Copper Compound. Doklady Chemistry, 2004, 399, 226-228.	0.9	13
141	Crystal Structure and Thermal Behavior of KB3O5. Doklady Physical Chemistry, 2004, 398, 249-253.	0.9	7
142	Thermal Behavior of M+B5O6(OH)4 \hat{A} · 2H2O (M+= K, Rb, Cs) and Polymorphic Transformations of CsB5O8. Glass Physics and Chemistry, 2004, 30, 450-460.	0.7	9
143	Solid solutions Na1 - xKxB3O5 (0.5 < x ? 1.0). Glass Physics and Chemistry, 2004, 30, 551-557.	0.7	1
144	Phase transitions and high-temperature crystal chemistry of polymorphous modifications of Cs2(UO2)2(MoO4). Radiochemistry, 2004, 46, 438-440.	0.7	23

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145	Spectroscopic study of rotation-crystalline modifications of mixtures of n-paraffins C ₂₂ –C ₂₄ . Journal of Molecular Structure, 2004, 704, 25-30.	3.6	11
146	Resonance dynamical intermolecular interaction in the crystals of pure and binary mixture n-paraffins. Journal of Molecular Structure, 2004, 708, 39-45.	3.6	8
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