

# Sergey M Aksenov

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
19	Role of the Eu <sup>3+</sup> Distribution on the Properties of $\beta$ -Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> Phosphors: Structural, Luminescent, and <sup>151</sup> Eu Mössbauer Spectroscopy Study of Ca <sub>9</sub> Si <sub>1.5</sub> MgEu <sub>7</sub> (PO <sub>4</sub> ) <sub>7</sub> . <i>Inorganic Chemistry</i> , 2021, 60, 3861-3871.	1.9	18
20	Computational analysis of apatite-type compounds for band gap engineering: DFT calculations and structure prediction using tetrahedral substitution. <i>Rare Metals</i> , 2021, 40, 3694-3700.	3.6	10
21	Polytypism of Compounds with the General Formula Cs{Al <sub>2</sub> [TP <sub>6</sub> O <sub>20</sub> ]} (T = B, Al): OD (Order-Disorder) Description, Topological Features, and DFT-Calculations. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 708.	0.8	6
22	Novel Dy <sup>3+</sup> -doped Ge <sup>4+</sup> -substituted apatite-type phosphors, Ca <sub>9</sub> La(PO <sub>4</sub> ) <sub>5</sub> [(Si <sub>1</sub> -Ge O <sub>4</sub> )F <sub>2</sub> :Dy <sup>3+</sup> ]: Synthesis, structure, crystal chemical features, and luminescent properties. <i>Ceramics International</i> , 2021, 47, 23300-23308.	2.3	7
23	Structural chemistry, IR spectroscopy, properties, and genesis of natural and synthetic microporous cancrinite- and sodalite-related materials: A review. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111098.	2.2	27
24	Complexity Parameters for Molecular Solids. <i>Symmetry</i> , 2021, 13, 1399.	1.1	19
25	Critical Molecular Coordination Numbers in the Structural Class P21/c, Z = 4(1). <i>Moscow University Chemistry Bulletin</i> , 2021, 76, 325-333.	0.2	11
26	Zr-Rich Eudialyte from the Lovozero Peralkaline Massif, Kola Peninsula, Russia. <i>Minerals (Basel)</i> , 2021, 11, 1070.	0.8	3
27	New apatite-type phosphor Ca <sub>9</sub> La(PO <sub>4</sub> ) <sub>5</sub> (SiO <sub>4</sub> )F <sub>2</sub> :Tb <sup>3+</sup> , Dy <sup>3+</sup> with improved color rendering index. <i>Journal of the American Ceramic Society</i> , 2020, 103, 2602-2609.		
28	Odikhinchaite, Na <sub>9</sub> Sr <sub>3</sub> [(H <sub>2</sub> O) <sub>2</sub> Na]Ca <sub>6</sub> Mn <sub>3</sub> Zr <sub>3</sub> NbSi <sub>24</sub> O <sub>72</sub> (OH) <sub>3</sub> (CO <sub>3</sub> )·H <sub>2</sub> O, a New Eudialyte-Group Mineral from the Odikhincha Intrusion, Taimyr Peninsula, Russia. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1062.	0.8	6
29	The Na <sub>2</sub> <sup>n</sup> Hn[Zr(Si <sub>2</sub> O <sub>7</sub> )] <sup>m</sup> H <sub>2</sub> O Minerals and Related Compounds (n = 0.5; m = 0.1): Structure Refinement, Framework Topology, and Possible Na <sup>+</sup> -Ion Migration Paths. <i>Crystals</i> , 2020, 10, 1016.	1.0	6
30	Symmetry Inhomogeneity of Ca <sub>9</sub> ZnEu(PO <sub>4</sub> ) <sub>7</sub> Phosphor Determined by Second-Harmonic Generation and Dielectric and Photoluminescence Spectroscopy. <i>Crystal Growth and Design</i> , 2020, 20, 6461-6468.	1.4	9
31	Sergevanite, Na <sub>15</sub> (Ca <sub>3</sub> Mn <sub>3</sub> )(Na <sub>2</sub> Fe)Zr <sub>3</sub> Si <sub>26</sub> O <sub>72</sub> (OH) <sub>3</sub> ·H <sub>2</sub> O, a new eudialyte-group mineral from the Lovozero alkaline massif, Kola Peninsula. <i>Canadian Mineralogist</i> , 2020, 58, 421-436.	0.3	16
32	New Data on the Isomorphism in Eudialyte-Group Minerals. VI: Crystal Structure of the First Member Containing Sulfide Anion with Isomorphic Substitution Cl <sup>-</sup> ↔ S <sup>2-</sup> . <i>Crystallography Reports</i> , 2020, 65, 215-222.	0.1	3
33	The crystal site engineering and turning of cross-relaxation in green-emitting $\beta$ -Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> -related phosphors. <i>Journal of Luminescence</i> , 2020, 223, 117196.	1.5	16
34	Synthesis, crystal structure and topological features of microporous $\alpha$ -zeolite Yb <sub>3</sub> (BO <sub>3</sub> )(OH) <sub>6</sub> ·2.1H <sub>2</sub> O, a new cubic borate with isolated BO <sub>3</sub> groups. <i>Microporous and Mesoporous Materials</i> , 2020, 300, 110147.	2.2	3
35	Insights into crystal chemistry of the vesuvianite-group: manaevite-(Ce), a new mineral with complex mechanisms of its hydration. <i>Physics and Chemistry of Minerals</i> , 2020, 47, 1.	0.3	4
36	Crystal Chemistry and Structural Complexity of Uranium(IV) Sulfates: Synthesis of U <sub>3</sub> H <sub>2</sub> (SO <sub>4</sub> ) <sub>7</sub> (H <sub>2</sub> O) <sub>5</sub> ·3H <sub>2</sub> O and U <sub>3</sub> (UO <sub>2</sub> ) <sub>0.2</sub> (SO <sub>4</sub> ) <sub>6</sub> (OH) <sub>0.4</sub> ·2.3H <sub>2</sub> O with Framework Structures by the Photochemical Reduction of Uranyl. <i>Inorganic Chemistry</i> , 2020, 59, 5813-5817.	1.9	5

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37	New Data on the Isomorphism in Eudialyte-Group Minerals. V: Crystal Structure of an Intermediate Member of the Manganoeudialyte–Ilyukhinite Isomorphous Series. <i>Crystallography Reports</i> , 2020, 65, 27-32.	0.1	10
38	TOPOLOGICAL FEATURES OF BOROPHOSPHATES WITH MIXED FRAMEWORKS: SYNTHESIS, CRYSTAL STRUCTURE OF FIRST ALUMINUM AND LITHIUM BOROPHOSPHATE $\text{Li}_3\{\text{Al}_2[\text{BP}_4\text{O}_{16}]\}\cdot 2\text{H}_2\text{O}$ AND COMPARATIVE CRYSTAL CHEMISTRY. <i>Journal of Structural Chemistry</i> , 2020, 61, 1760-1785.	0.3	9
39	A Review of a Textbook on Crystallography: Zavâ€™yalov E.N. â€œCrystalology: basic concepts about crystals, crystalline matter, and methods of their study. Tasks on geometrical crystallography and analysis of their solutions.â€™M.: KDU, Universitetskaya kniga, 2016, 314 p.: tables, figures.. <i>Moscow University Geology Bulletin</i> , 2020, 75, 652-654.	0.0	0
40	A Novel Sodium and Chromium Borophosphate $\text{Na}\{\text{Cr}[\text{BP}_2\text{O}_7(\text{OH})_3]\}$ : Synthesis, Crystal Structure, Hydrogen Bonding, and Comparative Crystal Chemistry. <i>Crystallography Reports</i> , 2019, 64, 228-238.	0.1	6
41	3T polytype of an iron-rich oxyphlogopite from the Bartoy volcanic field, Transbaikalia: MÃ¶ssbauer, infrared, Raman spectroscopy, and crystal structure. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 899-908.	0.3	5
42	Framework Polymorphism and Modular Crystal Structures of Uranyl Vanadates of Divalent Cations: Synthesis and Characterization of $(\text{UO}_2)(\text{VO}_2\text{O}_7)$ ( $\text{M}$ ) $\text{Tj}$ $\text{ETQg}$ $0.0$ $0$ $rg$ $BT$ /Overlock <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 981-987.	0.6	9
43	Synthesis and Crystal Structure of $\text{Rb}_{1.5}(\text{NH}_4)_{0.5}\{\text{Cu}(\text{P}_2\text{O}_7)\}$ : Comparative Crystal Chemistry and Topologyâ€™Symmetry Analysis in Terms of Extended OD Theory. <i>Crystallography Reports</i> , 2019, 64, 239-246.	0.1	5
44	Luminescence of $\text{Eu}^{3+}$ as a probe for the determination of the local site symmetry in $\text{Ca}_3(\text{PO}_4)_2$ -related structures. <i>CrystEngComm</i> , 2019, 21, 5235-5242.	1.3	24
45	The role of 1-ethyl-3-methylimidazolium diethyl phosphate ionic liquid in uranyl phosphate compounds. <i>Journal of Solid State Chemistry</i> , 2019, 279, 120938.	1.4	5
46	Isovalent and aliovalent cation substitutions in the anion sublattice of whitlockite-type ferroelectrics $\text{Ca}_9\text{RE}(\text{VO}_4)_7$ with $\text{RE} = \text{Y}$ and $\text{Yb}$ . <i>Journal of Solid State Chemistry</i> , 2019, 279, 120966.	1.4	9
47	$\text{Rb}_2\text{CaCu}_6(\text{PO}_4)_4\text{O}_2$ , a novel oxophosphate with a shchurovskyite-type topology: synthesis, structure, magnetic properties and crystal chemistry of rubidium copper phosphates. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 903-913.	0.5	3
48	New Data on the Isomorphism in Eudialyte-Group Minerals. III: Modular Structure of K Analog of Centrosymmetric Labyrinthite. <i>Crystallography Reports</i> , 2019, 64, 222-227.	0.1	0
49	New Data on the Isomorphism in Eudialyte-Group Minerals. IV: Modular Structure of Titanosilicate with Replacement of Na by Mn in the Alluaivite Module. <i>Crystallography Reports</i> , 2019, 64, 586-589.	0.1	2
50	Thermal polycondensation of hexakis(p-acetylphenoxy)-cyclotriphosphazene. <i>Mendeleev Communications</i> , 2019, 29, 99-101.	0.6	4
51	Ferroelectricity, ionic conductivity and structural paths for large cation migration in $\text{Ca}_{10.5}\text{xPb}_\text{x}(\text{VO}_4)_7$ single crystals, $\text{x} = 1.9, 3.5, 4.9$ . <i>CrystEngComm</i> , 2019, 21, 1309-1319.	1.3	9
52	The lithiumâ€™water configuration encapsulated by uranyl peroxide cage cluster $\text{U}_{24}$ . <i>CrystEngComm</i> , 2019, 21, 390-393.	1.3	7
53	Compressibility of two Na-rich clinopyroxenes: A synchrotron single-crystal X-ray diffraction study. <i>American Mineralogist</i> , 2019, 104, 905-913.	0.9	2
54	The new mineral fluorbarytolamprophyllite, $(\text{Ba}, \text{Sr}, \text{K})_2[(\text{Na}, \text{Fe}^{2+})_3\text{TiF}_2][\text{Ti}_2(\text{Si}_2\text{O}_7)_2\text{O}_2]$ and chemical evolution of lamprophyllite-group minerals in agpaitic syenites of the Kola Peninsula. <i>Mineralogy and Petrology</i> , 2019, 113, 533-553.	0.4	10

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73	Crystal Structure of Cl-Deficient Analogue of Taseqite from Odikhincha Massif. Crystallography Reports, 2018, 63, 349-357.	0.1	7
74	Mn-bearing eleonorite from Hagendorf South pegmatite, Germany: crystal structure and crystal-chemical relationships with other beraunite-type phosphates. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 469-477.	0.4	4
75	Novel laser crystals in Ca <sub>9</sub> Y(VO <sub>4</sub> ) <sub>7-x</sub> (PO <sub>4</sub> ) <sub>x</sub> mixed system. Journal of Alloys and Compounds, 2017, 708, 285-293.	2.8	12
76	Alumovesuvianite, Ca <sub>19</sub> Al(Al,Mg) <sub>12</sub> Si <sub>18</sub> O <sub>69</sub> (OH) <sub>9</sub> , a new vesuvianite-group member from the Jeffrey mine, asbestos, Estrie region, QuÃ©bec, Canada. Mineralogy and Petrology, 2017, 111, 833-842.	0.4	9
77	Ferroelectric crystal Ca <sub>9</sub> Yb(VO <sub>4</sub> ) <sub>7</sub> in the series of Ca <sub>9</sub> R(VO <sub>4</sub> ) <sub>7</sub> non-linear optical materials (R = REE, Bi, Y). Journal of Materials Chemistry C, 2017, 5, 2301-2310.	2.7	16
78	Roymillerite, Pb <sub>24</sub> Mg <sub>9</sub> (Si <sub>9</sub> AlO <sub>28</sub> )(SiO <sub>4</sub> )(BO <sub>3</sub> )(CO <sub>3</sub> ) <sub>10</sub> (OH) <sub>14</sub> O <sub>4</sub> , a new mineral: mineralogical characterization and crystal chemistry. Physics and Chemistry of Minerals, 2017, 44, 685-699.	0.3	6
79	Crystal structure of ilyukhinite, a new mineral of the eudialyte group. Crystallography Reports, 2017, 62, 60-65.	0.1	7
80	Eleonorite, Fe <sub>6</sub> <sup>3+</sup> (PO <sub>4</sub> ) <sub>4</sub> O(OH) <sub>4</sub> ·6H <sub>2</sub> O: validation as a mineral species and new data. Mineralogical Magazine, 2017, 81, 61-76.	0.6	11
81	Synthesis and crystal structure of Fe[(Te 1.5 Se 0.5 )O <sub>5</sub> ]Cl, the first iron compound with selenate(IV) and tellurate(IV) groups. Solid State Sciences, 2017, 74, 37-43.	1.5	3
82	Crystal structure of the OH-dominant gadolinite-(Y) analogue (Y,Ca) <sub>2</sub> (Fe,â–)Be <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> (OH,O) <sub>2</sub> from Heftetjern pegmatite, Norway. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 899-906.	0.5	3
83	Ca <sub>6.5</sub> Pb <sub>1.5</sub> ZnBi(VO <sub>4</sub> ) <sub>7</sub> , a novel whitlockite-type vanadate: crystal structure refinement and properties characterization. Powder Diffraction, 2017, 32, 175-178.	0.4	1
84	Modular structure of highly ordered eudialyte and its place among hydrated minerals of rastsvetaevite family. Crystallography Reports, 2017, 62, 551-557.	0.1	3
85	X-ray diffraction and spectroscopic study of wiluite: implications for the vesuvianite-group nomenclature. Physics and Chemistry of Minerals, 2017, 44, 577-593.	0.3	8
86	The first layer potassium-bismuth-nickel oxophosphate KBi <sub>4</sub> Ni <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> O <sub>4</sub> : Synthesis, crystal structure, and expected magnetic properties. Crystallography Reports, 2017, 62, 382-390.	0.1	5
87	Ferrorhodonite, CaMn <sub>3</sub> Fe[Si <sub>5</sub> O <sub>15</sub> ], a new mineral species from Broken Hill, New South Wales, Australia. Physics and Chemistry of Minerals, 2017, 44, 323-334.	0.3	8
88	Synthesis, crystal structure, vibrational spectroscopy and expected magnetic properties of a new bismuth nickel phosphate Ni(BiO) <sub>2</sub> (PO <sub>4</sub> )(OH) with a namibite-type structure. Solid State Sciences, 2017, 63, 16-22.	1.5	9
89	ilyukhinite (H <sub>3</sub> O,Na) <sub>14</sub> Ca <sub>6</sub> Mn <sub>2</sub> Zr <sub>3</sub> Si <sub>26</sub> O <sub>72</sub> (OH) <sub>2</sub> · 3H <sub>2</sub> O, a New Mineral of the Eudialyte Group. Geology of Ore Deposits, 2017, 59, 592-600.	0.2	9
90	Ordering of calcium and vacancies in calcium catapleiite CaZr[Si <sub>3</sub> O <sub>9</sub> ] · 2H <sub>2</sub> O. Crystallography Reports, 2016, 61, 376-382.	0.1	3

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91	Riotintoite, $\text{Al}(\text{SO}_4)(\text{OH}) \cdot 3\text{H}_2\text{O}$ , A New Mineral From La Vendida Copper Mine, Antofagasta Region, Chile. <i>Canadian Mineralogist</i> , 2016, 54, 1293-1305.	0.3	2
92	A new mineral species ferricoronadite, $\text{Pb}[\text{Mn}^{6+}(\text{Fe}^{3+}, \text{Mn}^{3+})_2]\text{O}_{16}$ : mineralogical characterization, crystal chemistry and physical properties. <i>Physics and Chemistry of Minerals</i> , 2016, 43, 503-514.	0.3	15
93	The crystal structure of a fluorine-dominant titanium calcium amphibole from the Eifel paleovolcanic area, Germany. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 385-390.	0.4	2
94	Towards a revisitation of vesuvianite-group nomenclature: the crystal structure of Ti-rich vesuvianite from Alchuri, Shigar Valley. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 744-752.	0.5	7
95	The crystal chemistry of lamprophyllite-related minerals: a review. <i>European Journal of Mineralogy</i> , 2016, 28, 915-930.	0.4	13
96	Crystal structure of magnesio-ferri-hornblendite $\text{Ca}_2(\text{Mg}_4\text{Fe}^{3+})[(\text{Si}_7\text{Al})\text{O}_{22}](\text{OH})_2$ as a potentially new mineral of the amphibole supergroup. <i>Doklady Chemistry</i> , 2016, 470, 245-251.	0.2	0
97	Dachiardite-K, $(\text{K}_2\text{Ca})(\text{Al}_4\text{Si}_{20}\text{O}_{48}) \cdot 13\text{H}_2\text{O}$ , a new zeolite from Eastern Rhodopes, Bulgaria. <i>Geology of Ore Deposits</i> , 2016, 58, 666-673.	0.2	0
98	Crystal structure of modular sodium-rich and low-iron eudialyte from Lovozero alkaline massif. <i>Crystallography Reports</i> , 2016, 61, 779-785.	0.1	3
99	Pyroxenoids of pyroxmangite-pyroxferroite series from xenoliths of Bellerberg paleovolcano (Eifel). <i>Crystallography Reports</i> , 2016, 61, 931-939.	0.1	2
100	Magnesiovoltaite, $\text{K}_2\text{Mg}_5\text{Fe}^{3+} 3\text{Al}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$ , a new mineral from the Alcaparrosa mine, Antofagasta region, Chile. <i>European Journal of Mineralogy</i> , 2016, 28, 1005-1017.	0.4	8
101	The crystal structure and microtwinning of ferro-pedrizite, a new lithium amphibole. <i>Crystallography Reports</i> , 2015, 60, 493-497.	0.1	0
102	Variations in the chemical composition of lamprophyllite-group minerals and the crystal structure of fluorine-rich barytolamprophyllite from new peralkaline dyke. <i>Crystallography Reports</i> , 2015, 60, 821-830.	0.1	4
103	Crystal structure and genesis of the hydrated analog of rastsvetaveite. <i>Crystallography Reports</i> , 2015, 60, 831-840.	0.1	11
104	Almeidaite, $\text{Pb}(\text{Mn}, \text{Y})\text{Zn}_2(\text{Ti}, \text{Fe}^{3+})_{18}\text{O}_{36}(\text{O}, \text{OH})_2$ , a new crichtonite-group mineral, from Novo Horizonte, Bahia, Brazil. <i>Mineralogical Magazine</i> , 2015, 79, 269-283.	0.6	14
105	Mendigite, $\text{Mn}_2\text{Mn}_2\text{MnCa}(\text{Si}_3\text{O}_9)_2$ , a new mineral species of the bustamite group from the Eifel volcanic region, Germany. <i>Geology of Ore Deposits</i> , 2015, 57, 721-731.	0.2	4
106	Topology-symmetry law of structure of natural titanosilicate micas and related heterophyllosilicates based on the extended OD theory: Structure prediction. <i>Crystallography Reports</i> , 2015, 60, 1-15.	0.1	14
107	Ferro-pedrizite, $\text{NaLi}_2(\text{Fe}^{2+} 2\text{Al}_2\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$ , a new amphibole-supergroup mineral from the Sutlug pegmatite, Tyva Republic, Russia. <i>European Journal of Mineralogy</i> , 2015, 27, 417-426.	0.4	2
108	A new mineral species rosovskyite, $(\text{Fe}^{3+}, \text{Ta})(\text{Nb}, \text{Ti})\text{O}_4$ : crystal chemistry and physical properties. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 825-833.	0.3	10



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109	Mãñhnite, (NH <sub>4</sub> ) <sub>2</sub> KNa(SO <sub>4</sub> ) <sub>2</sub> , a new guano mineral from Pabellã³n de Pica, Chile. <i>Mineralogy and Petrology</i> , 2015, 109, 643-648.	0.4	16
110	Iron-rich bustamite from Broken Hill, Australia: The crystal structure and cation-ordering features. <i>Crystallography Reports</i> , 2015, 60, 340-345.	0.1	4
111	Calcinaksite, KNaCa(Si <sub>4</sub> O <sub>10</sub> ) H <sub>2</sub> O, a new mineral from the Eifel volcanic area, Germany. <i>Mineralogy and Petrology</i> , 2015, 109, 397-404.	0.4	11
112	Crystal growth, structure, infrared spectroscopy, and luminescent properties of rare-earth gallium borates RGa <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> , R=Nd, Sm, Er, Y. <i>Optical Materials</i> , 2015, 49, 304-311.	1.7	28
113	Synthesis, crystal structure refinement, and nonlinear-optical properties of CaB <sub>3</sub> O <sub>5</sub> (OH): Comparative crystal chemistry of calcium triborates. <i>Crystallography Reports</i> , 2015, 60, 649-655.	0.1	5
114	Antipinite, KNa <sub>3</sub> Cu <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>4</sub> , a new mineral species from a guano deposit at Pabellã³n de Pica, Chile. <i>Mineralogical Magazine</i> , 2015, 79, 1111-1121.	0.6	17
115	Iron-rich schã¼llerite from Kahlenberg (Eifel, Germany): Crystal structure and relation to lamprophyllite-group minerals. <i>Crystallography Reports</i> , 2014, 59, 867-873.	0.1	4
116	Ferroindialite (Fe <sup>2+</sup> ,Mg) <sub>2</sub> Al <sub>4</sub> Si <sub>5</sub> O <sub>18</sub> , a new beryl-group mineral from the Eifel volcanic region, Germany. <i>Geology of Ore Deposits</i> , 2014, 56, 637-643.	0.2	2
117	Specific features of cation distribution in the crystal structure of mariïnskite BeCr <sub>2</sub> O <sub>4</sub> (Derivative of) Tj ETQq1 1 0.784314 rgBT /Over	0.1	1
118	The crystal structure of emmerichite ð'ð° 2Na 3Fe 3+Ti 2(Si 2O 7) 2O 2F 2, a new lamprophyllite-group mineral. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, 1-7.	0.4	18
119	A new hydrogen-containing whitlockite-type phosphate Ca <sub>9</sub> (Fe <sub>0.63</sub> Mg <sub>0.37</sub> )H <sub>0.37</sub> (PO <sub>4</sub> ) <sub>7</sub> : hydrothermal synthesis and structure. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, 823-830.	0.4	8
120	Structure of calcinaksite KNa[Ca(H <sub>2</sub> O)] [Si <sub>4</sub> O <sub>10</sub> ], the first hydrous member of the litidionite group of silicates with [Si <sub>8</sub> O <sub>20</sub> ] <sup>8-</sup> tubes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 768-775.	0.5	9
121	Crystal structure of almeidaite, a new mineral of the crichtonite group. <i>Doklady Chemistry</i> , 2014, 455, 53-57.	0.2	6
122	Crystal structure of manganese-rich variety of eudialyte from Suchina Hill, India, and manganese ordering in eudialyte-group minerals. <i>Crystallography Reports</i> , 2014, 59, 146-154.	0.1	6
123	Synthesis, crystal structure and luminescence properties of novel microporous europium silicate ðK6Eu <sub>3</sub> [Si <sub>10</sub> O <sub>25</sub> ] with a framework formed of nano-scale tubes. <i>Microporous and Mesoporous Materials</i> , 2013, 182, 95-101.	2.2	10
124	Lahnsteinite, Zn <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>6</sub> · 3H <sub>2</sub> O, a new mineral from the Friedrichsseggen Mine, Germany. <i>Geology of Ore Deposits</i> , 2013, 55, 663-668.	0.2	12
125	Crystal structure of a new mineral of the labuntsovite group: Ca, Na-ordered analogue of korobitsynite. <i>Doklady Physical Chemistry</i> , 2013, 452, 239-242.	0.2	0
126	Crystal-structure refinement of zirconium-rich eudialyte and its place among calcium-poor eudialyte-group minerals. <i>Crystallography Reports</i> , 2013, 58, 671-677.	0.1	9



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127	Osumilite-(Mg): Validation as a mineral species and new data. <i>Geology of Ore Deposits</i> , 2013, 55, 587-593.	0.2	2
128	Crystal structures and luminescence properties of novel compounds $K_4M_2[Al_2Si_8O_{24}]$ (M = Ce, Gd). <i>Crystallography Reports</i> , 2013, 58, 835-841.	0.1	3
129	Crystal structure features of Mn- and Sr-rich eudialyte from Sushina Hill, India. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, s435-s435.	0.3	0
130	Perrierite-(La), $(La,Ce,Ca)_4(Fe^{2+},Mn)(Ti,Fe^{3+},Al)_4(Si_2O_7)_2O_8$ , a new mineral species from the Eifel volcanic district, Germany. <i>Geology of Ore Deposits</i> , 2012, 54, 647-655.	0.2	8
131	$Ca_{1/4}$ anterblassite, $(K,Ca)_3 \cdot x Fe[(Si,Al)_{13}O_{25}(OH,O)_4] \cdot 7H_2O$ , a new mineral: the first phyllosilicate with triple tetrahedral layer. <i>Geology of Ore Deposits</i> , 2012, 54, 656-662.	0.2	9
132	Lileyite, $Ba_2(Na,Fe,Ca)_3MgTi_2(Si_2O_7)_2O_2F_2$ , a new lamprophyllite-group mineral from the Eifel volcanic area, Germany. <i>European Journal of Mineralogy</i> , 2012, 24, 181-188.	0.4	23
133	The first crystal structure determination of metavivianite $Fe^{2+}+Fe^{3+}_2(PO_4)_2(OH)_2 \cdot 6H_2O$ . <i>Doklady Physical Chemistry</i> , 2012, 445, 101-104.	0.2	2
134	Crystal structure of a new mineral lahnsteinite $Zn_4(SO_4)(OH)_6 \cdot 3H_2O$ . <i>Crystallography Reports</i> , 2012, 57, 737-741.	0.1	11
135	Crystal structure of the mineral $(Na,Ca,K)_2(Ca,Na)_4(Mg,Fe)_5(Mg,Fe,Ti)_5[Si_{12}Al_4O_{44}](F,O)_4$ : a triclinic representative of the amphibole family. <i>Crystallography Reports</i> , 2012, 57, 375-380.	0.1	1
136	Metavivianite, $Fe^{2+}+Fe^{3+}_2(PO_4)_2(OH)_2 \cdot 6H_2O$ , new data and formula revision. <i>Mineralogical Magazine</i> , 2012, 76, 725-741.	0.1	0
137	Crystal structure of $Ca_{1/4}$ anterblassite, a new mineral with a triple tetrahedral layer. <i>Doklady Chemistry</i> , 2012, 442, 57-62.	0.2	11
138	Crystal structure of the $NaCa(Fe^{2+}, Al, Mn)_5[Si_8O_{19}(OH)](OH)_7 \cdot 5H_2O$ mineral: A new representative of the palygorskite group. <i>Crystallography Reports</i> , 2012, 57, 43-48.	0.1	1
139	Crystal structure of $Sch_{1/4}$ allerite, a new mineral of the heterophyllosilicate family. <i>Doklady Chemistry</i> , 2011, 437, 90-94.	0.2	13
140	Tashelgite, $CaMgFe_2 + Al_9O_{16}(OH)$ , a new mineral species from calc-skarnoid in Gorny Shoria. <i>Geology of Ore Deposits</i> , 2011, 53, 751-757.	0.2	2
141	$Sch_{1/4}$ allerite, $Ba_2Na(Mn,Ca)(Fe^{3+},Mg,Fe^{2+})_2Ti_2(Si_2O_7)_2(O,F)_4$ , a new mineral species from the Eifel volcanic district, Germany. <i>Geology of Ore Deposits</i> , 2011, 53, 767-774.	0.2	16
142	The $Fe^{2+}/Fe^{3+}$ ratio in natural and heat-treated iron-rich eudialytes. <i>Crystallography Reports</i> , 2011, 56, 202-209.	0.1	2
143	Crystal structure of hydrogen-bearing vuonnemite from the Lovozero alkaline massif. <i>Crystallography Reports</i> , 2011, 56, 407-410.	0.1	3
144	Crystal chemistry of silicates with three-layer TOT and HOH modules of layered, chainlike, and mixed types. <i>Crystallography Reports</i> , 2011, 56, 910-934.	0.1	19

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145	Crystal structure of complex natural aluminum magnesium calcium iron oxide. Crystallography Reports, 2010, 55, 563-568.	0.1	1
146	Crystal Structures of Endotaxial Phases in Europium Potassium Silicate Having a Pellyite Unit Cell. Crystallography Reports, 2010, 55, 1041-1049.	0.1	12
147	Crystal structure of the Mn analogue of raslakite, a new representative of the eudialyte group. Doklady Chemistry, 2010, 431, 76-81.	0.2	4
148	Structure of the tashelgite mineral $\text{Ca}_2\text{Mg}_2\text{Fe}^{2+}\text{Al}_8\text{O}_{32}(\text{OH})_2$ from Western Siberia: A new structure type. Doklady Chemistry, 2010, 434, 233-236.	0.2	1
149	Disordering of Al and Si in nepheline from Graulai (Germany). Doklady Chemistry, 2010, 435, 339-342.	0.2	0
150	Crystal structure of zircono-niobosilicate with Ti-centered $\text{Si}_9\text{O}_{27}$ rings as a new member of the eudialyte group. Doklady Physical Chemistry, 2010, 432, 106-110.	0.2	4
151	Crystal chemistry and origin of REE-bearing mukhinite from carbonate veins of the Svetlinsky gold deposit, South Urals, Russia. Mineralogical Magazine, 0, , 1-33.	0.6	0