

## List of Publications (peer reviewed):

2014

1. **Siidra, O.I., Nazarchuk, E.V., Zadoya, A.I.** Novel  $[(\text{UO}_2)\text{O}_6(\text{NO}_3)_n]$  ( $n = 1, 2$ ) based units in organically templated uranyl compounds. *Inorganic Chemistry Communications*, (2014), 50, 4-7.
2. **Siidra, O.I., Nazarchuk, E.V., Sysoeva, E.V., Kayukov, R.A., Depmeier, W.** Isolated uranyl chromate and polychromate units in crown ether templated compounds. *European Journal of Inorganic Chemistry*, (2014), 2014, 5495–5498.
3. **Siidra, O.I., Britvin, S.N., Krivovichev, S.V., Klimov, D.A., Depmeier, W.** Crystallography between Kiel and St. Petersburg: review of collaboration and the crystal structure of  $[\text{Ti}_5(\text{SiO}_4)(\text{OH})]_2[\text{Ti}_6(\text{SO}_4)(\text{OH})_4]$ . *Zeitschrift für Kristallographie*, (2014), 229, 753–759.
4. **Pekov, I.V., Siidra, O.I., Chukanov, N.V., Yapaskurt, V.O., Belakovskiy, D.I., Murashko, M.N., Sidorov, E.G.** Kalliochalcite,  $\text{KCu}_2(\text{SO}_4)_2[(\text{OH})(\text{H}_2\text{O})]$ , a new tsumcorite-group mineral from the Tolbachik volcano, Kamchatka, Russia. *European Journal of Mineralogy*, Vol. 4, p. 597-604 (2014).
5. **Pekov, I.V., Yapaskurt, V.O., Polekhovskiy, Y.S., Viggasina, M.F., Siidra, O.I.** Ekplexite  $(\text{Nb,Mo})\text{S}_2 \cdot (\text{Mg}_{1-x}\text{Al}_x)(\text{OH})_{2+x}$ , kaskasite  $(\text{Mo,Nb})\text{S}_2 \cdot (\text{Mg}_{1-x}\text{Al}_x)(\text{OH})_{2+x}$  and manganokaskasite  $(\text{Mo,Nb})\text{S}_2 \cdot (\text{Mn}_{1-x}\text{Al}_x)(\text{OH})_{2+x}$ , three new valleriite-group mineral species from the Khibiny alkaline complex, Kola peninsula, Russia. *Mineralogical Magazine*, Vol. 78, p. 663-679 (2014).
6. **Turner, R.W., Siidra, O.I., Rumsey, M.S., Polekhovskiy, Y.S., Kretser, Y.L., Krivovichev, S.V., Spratt, J.** Yeomanite,  $\text{Pb}_2\text{O}(\text{OH})\text{Cl}$ , a new chain-structured Pb oxychloride from the mendip hills. *Mineralogical Magazine*, (2014) accepted.
7. **Rumsey, M.S., Siidra, O.I., Krivovichev, S.V., Turner, R.W., Spratt, J., Stanley, C.J., Davidson, P.** The redefinition of an enigmatic mineral; plumbonacrite  $\text{Pb}_5\text{O}(\text{OH})_2(\text{CO}_3)_3$ , from Torr Works Quarry, Somerset, England, UK. *Mineralogical Magazine*, (2014) submitted.
8. **Aliev, A., Kovrugin, V., Colmont, M., Terryn, C., Huvé, M., Siidra, O.I., Krivovichev, S.V., Mentré, O.** Revised bismuth chloroselenite system: evidence of a non-centrosymmetric structure with a giant unit cell. *Crystal Growth and Design*, Vol. 14, p. 3026-3034 (2014).
9. **Siidra, O.I., Vergasova, L.P., Krivovichev, S.V., Kretser, Y.L., Zaitsev, A.N., Filatov, S.K.** Unique thallium mineralization in the fumaroles of Tolbachik volcano, Kamchatka

- peninsula, Russia. I. Markhininite,  $\text{TlBi}(\text{SO}_4)_2$ . *Mineralogical Magazine*, (2014) accepted.
10. **Siidra, O.I., Vergasova, L.P., Kretser, Y.L., Polekhovsky, Y.S., Filatov, S.K., Krivovichev, S.V.** Unique thallium mineralization in the fumaroles of Tolbachik volcano, Kamchatka peninsula, Russia. II. Karpovite,  $\text{Tl}_2\text{VO}(\text{SO}_4)_2(\text{H}_2\text{O})$ . *Mineralogical Magazine*, (2014) accepted.
11. **Siidra, O.I., Vergasova, L.P., Kretser, Y.L., Polekhovsky, Y.S., Filatov, S.K., Krivovichev, S.V.** Unique thallium mineralization in the fumaroles of Tolbachik volcano, Kamchatka peninsula, Russia. III. Evdokimovite,  $\text{Tl}_4(\text{VO})_3(\text{SO}_4)_5(\text{H}_2\text{O})_5$ . *Mineralogical Magazine*, (2014) accepted.
12. **Siidra, O.I., Zenko, D.S., Krivovichev S.V.** Structural complexity of lead silicates: crystal structure of  $\text{Pb}_{21}[\text{Si}_7\text{O}_{22}]_2[\text{Si}_4\text{O}_{13}]$  and its comparison to hyttsjöite. *American Mineralogist*, Vol. 99, p. 817-823 (2014).

### 2013

13. **Siidra, O.I., Zenko, D.S., Suknotova, A.N., Krivovichev S.V.** Crystal structure of novel synthetic compound  $\text{Pb}_2\text{O}(\text{OH})\text{I}$  and structure refinement of 'iodolaurionite',  $\text{Pb}(\text{OH})\text{I}$ : hydroxo- and oxocentred units in Pb minerals and synthetic compounds. *Mineralogical Magazine*, Vol. 77, p. 3239-3248 (2013).
14. **Siidra, O.I., Zinyakhina, D.O., Zadoya, A.I., Krivovichev S.V., Turner, R.W.** Synthesis and modular structural architectures of mineralogically inspired novel complex Pb oxyhalides. *Inorganic Chemistry*, Vol. 52, p. 12799-12805 (2013).
15. **Zaitsev, A.N., Avdontseva, E.Yu., Britvin, S.N., Demény, A., Homonnay, Z., Jeffries, T.E., Keller, Krivovichev, V.G., Markl, G., Platonova, N.V., Siidra, O.I., Spratt, J., Vennemann, T.** Oxo-magnesio-hastingsite,  $\text{NaCa}_2(\text{Mg}_2\text{Fe}^{3+}_3)(\text{Al}_2\text{Si}_6)\text{O}_{22}\text{O}_2$ , a new anhydrous amphibole from the Deeti volcanic cone, Gregory rift, northern Tanzania. *Mineralogical Magazine*, Vol. 77, p. 2773-2792, (2013)
16. **Siidra, O.I., Nazarchuk, E.V., Kayukov, R.A., Bubnova, R.S., Krivovichev S.V.**  $\text{Cr}^{\text{VI}} \rightarrow \text{Cr}^{\text{V}}$  transition in uranyl chromium compounds: synthesis and high-temperature x-ray diffraction study of  $\text{Cs}_2[(\text{UO}_2)_2(\text{CrO}_4)_3]$ . *Zeitschrift für Anorganische und Allgemeine Chemie*, Vol. 639, 2302-2306 (2013).
17. **Krivovichev, S.V., Mentré, O., Siidra, O.I., Colmont, M., Filatov, S.K.** Anion-centered tetrahedra in inorganic compounds. *Chemical Reviews*, Vol. 113, p. 6459-6535, (2013).
18. **Siidra, O.I., Nazarchuk, E.V., Suknotova, A.N., Kayukov, R.A., Krivovichev S.V.**  $\text{Cr}(\text{VI})$

- trioxide as a starting material for the synthesis of novel zero-, one-, and two-dimensional uranyl dichromates and chromate-dichromates. *Inorganic Chemistry*, Vol. 52, p. 4729–4735 (2013).
19. **Shuvalov, R.R., Vergasova, L.P., Semenova, T.F., Filatov, S.K., Krivovichev, S.V., Siidra, O.I., Rudashevsky, N.S.** Prewittite,  $KPb_{1.5}Cu_6Zn(SeO_3)_2O_2Cl_{10}$ , a new mineral from Tolbachik. *American Mineralogist*, Vol. 98, p. 463-469, (2013).
20. **Siidra, O. I., Krivovichev, S.V., Turner, R.W., Rumsey, M.S., Spratt, J.:** Crystal chemistry of layered Pb oxychloride minerals with PbO-related structures. Crystal structure of hereroite,  $[Pb_{32}O_{20}(O, \square)](AsO_4)_2((Si, As, V, Mo)O_4)_2Cl_{10}$ . *American Mineralogist*, Vol. 98, p. 248-255, (2013).
21. **Siidra, O. I., Krivovichev, S.V., Turner, R.W., Rumsey, M.S., Spratt, J.:** Crystal chemistry of layered Pb oxychloride minerals with PbO-related structures. II. Crystal structure of vladkrivovichevite,  $[Pb_{32}O_{18}][Pb_4Mn_2O]Cl_{14}(BO_3)_8 \cdot 2H_2O$ . *American Mineralogist*, Vol. 98, p. 256-261, (2013).
22. **Kozin, M.S., Aliev, A., Colmont, M., Mentré, O., Siidra, O.I., Krivovichev, S.V.** Novel bismuth oxophosphate halides  $[Bi_8O_8][BiO_2](PO_4)_2X$  (X = Cl, Br) based on oxocentered 2D blocks and their relationships to the Aurivillius phases. *Journal of Solid State Chemistry*, Vol. 199, p. 56-61, (2013).
23. **Kozin, M.S., Colmont, M., Endara, D., Aliev, A., Huvé, M., Siidra, O.I., Krivovichev, S.V., Mentré, O.** Phase homology in new layered mixed Li, M (M = Mg, Cu, Cd, Pb, Bi) bismuth oxophosphates and oxoarsenates. *Journal of Solid State Chemistry*, Vol. 199, p. 123-128, (2013).

## 2012

24. **Britvin, S.N., Siidra, O.I., Lotnyk, A., Kienle, L., Krivovichev, S.V., Depmeier, W.:** The fluoride route to Lindqvist clusters: Synthesis and crystal structure of layered hexatantalate  $Na_8Ta_6O_{19} \cdot 26H_2O$ . *Inorganic Chemistry Communications*, Vol. 25, p. 18-20, (2012).
25. **Siidra, O. I., Nazarchuk, E.V., Petrunin, A.A., Kayukov, R.A., Krivovichev, S.V.:** Nanoscale hemispheres in novel mixed-valent uranyl chromate(V,VI),  $(C_3NH_{10})_{10}[(UO_2)_{13}(Cr_{12}^{5+}O_{42})(Cr^{6+}O_4)_6(H_2O)_6](H_2O)_6$ . *Inorganic Chemistry*, Vol. 51, p. 9162–9164, (2012).
26. **Krivovichev, V.G., Tarasevich, D.A., Charykova, M.V., Britvin, S.N., Siidra, O.I., Depmeier, W.** Thermodynamics of arsenates, selenites and sulphates in oxidising zone

- of sulphides ore deposits. V. Chalkomenite and its synthetic analogue, properties and conditions of formation. *Geology of Ore Deposits*, Vol. 54, p. 498-502, (2012).
27. **Siidra O.I., Britvin S.N., Krivovichev S.V., Klimov D.A., Depmeier W.** Synthesis and crystal structure of the disordered modification of  $Tl_6Si_2O_7$ . *Glass Physics and Chemistry*, Vol. 38, p. 473-477, (2012).
  28. **Siidra, O.I., Chukanov, N.V., Pekov, I.V., Krivovichev, S.V., Magganas, A., Katerinopoulos, A., Voudouris, P.:**  $Pb_2(AsO_2OH)Cl_2$ , a new phase from the Lavrion ancient slags, Greece: occurrence and characterization. *Mineralogical Magazine*. Vol. 76, p. 597-602, (2012).
  29. **Turner, R.W., Siidra, O.I., Rumsey, M.S., Krivovichev, S.V., Stanley, C.J., Spratt, J.:** Hereroite and vladkrivovichevite – two novel lead oxychlorides from the Kombat mine, Namibia. *Mineralogical Magazine*, Vol. 76, p. 883–890, (2012).
  30. **Turner, R.W., Siidra, O.I., Krivovichev, S.V., Stanley, C.J., Spratt, J.:** Rumseyite,  $[Pb_2OF]Cl$ , the first naturally occurring fluoroxychloride mineral with the parent crystal structure for layered lead oxychlorides. *Mineralogical Magazine*, Vol. 76, p. 1247-1255, (2012).
  31. **Siidra, O. I., Nazarchuk, E.V., Krivovichev, S.V.:** Highly kinked uranyl chromate nitrate layers in the crystal structures of  $A[(UO_2)(CrO_4)(NO_3)]$ ,  $A = K, Rb$ . *Zeitschrift für Anorganische und Allgemeine Chemie*, Vol. 638 p. p. 982-986, (2012).
  32. **Siidra, O. I., Nazarchuk, E.V., Krivovichev, S.V.:** Isopropylammonium layered uranyl chromates: syntheses and crystal structures of  $[(CH_3)_2CHNH_3]_3[(UO_2)_3(CrO_4)_2O(OH)_3]$  and  $[(CH_3)_2CHNH_3]_2[(UO_2)_2(CrO_4)_3(H_2O)]$ . *Zeitschrift für Anorganische und Allgemeine Chemie*, Vol. 638 p. 976–981, (2012).
  33. **Siidra, O. I., Nazarchuk, E.V., Krivovichev, S.V.:** Mixed-ligand coordination of the  $(UO_2)^{2+}$  cation and apophyllite topology of uranyl chlorochromate layer in the structure of  $((CH_3)_2CHNH_3)[(UO_2)(CrO_4)Cl(H_2O)]$ . *Zeitschrift für Kristallographie*, Vol. 227 p. 530-534, (2012).
  34. **Rumsey, M. S., Krivovichev, S. V., Siidra, O. I., Kirk, C. A., Stanley, C. J., Spratt, J.** Rickturnerite,  $Pb_7O_4[Mg(OH)_4](OH)Cl_3$ , a complex new lead oxychloride mineral. *Mineralogical Magazine*, Vol. 76, p. 59-73, (2012).
  35. **Siidra, O. I., Nazarchuk, E.V., Krivovichev, S.V.:** Syntheses and crystal structures of two novel alkaline uranyl chromates  $A_2(UO_2)(CrO_4)_2$  ( $A = Rb, Cs$ ) with bidentate coordination

mode of uranyl ions by chromate anions. *Journal of Solid State Chemistry*, Vol. 187, p. 286-290, (2012).

36. **Siidra, O. I., Nazarchuk, E.V., Krivovichev, S.V.:** Unprecedented bidentate coordination of uranyl cation by chromate anion in the structure of  $[(\text{CH}_3)_2\text{CHNH}_3]_2[\text{UO}_2(\text{CrO}_4)_2]$ . *European Journal of Inorganic Chemistry*, Vol. 2012, p. 194-197, (2012).

#### 2011

37. **Zaitsev, A.N.; Chakmouradian, A. R., Siidra, O.I., Spratt, J., Williams, J., Stanley, C.J., Petrov, S.V., Britvin, S.N., Polyakova, E.A.** Fluorine-, yttrium- and lanthanide-rich cerianite-(Ce) from carbonatitic rocks of the Kerimasi volcano and surrounding explosion craters, Gregory Rift, northern Tanzania *Mineralogical Magazine*, 2011, Vol. 75(6), pp. 2801-2810.
38. **Britvin, S.N.; Korneyko, Y.I.; Garbuzov, V.M.; Burakov, B.E.; Pavlova, E.E.; Siidra, O.I.; Lotnyk, A.; Kienle, L.; Depmeier, W.** Nanocrystalline layered titanates synthesized by the fluoride route: perspective matrices for removal of environmental pollutants. In: *Minerals as advanced materials II*. Springer, Berlin Heidelberg, 2011 p. 147-152.
39. **Siidra O. I., Krivovichev S. V., Turner R.W., Rumsey M.S.** Natural and synthetic layered Pb(II) oxyhalides. In: *Minerals as advanced materials II*. Springer, Berlin Heidelberg, 2011 p. 319-332.
40. **Nazarchuk, E.V., Siidra, O. I., Krivovichev, S.V.** Crystal chemistry of uranyl halides containing mixed  $(\text{UO}_2)(\text{X}_m\text{O}_n)_5$  bipyramids ( $X = \text{Cl}, \text{Br}$ ): synthesis and crystal structure of  $\text{Cs}_2(\text{UO}_2)(\text{NO}_3)\text{Cl}_3$ . *Zeitschrift für Naturforschung*. Vol. 66b, p. 142-146 (2011).
41. **Siidra, O. I., Krivovichev, S.V., Chukanov, N.V., Pekov, I.V. , Magganas, A., Katerinopoulos, A., Voudouris, P.** The crystal structure of  $\text{Pb}_5(\text{As}^{3+}\text{O}_3)\text{Cl}_7$  from ancient slags of Lavrion, Greece – a novel Pb(II) chloride arsenite. *Mineralogical Magazine*. Vol. 75(2), p. 339-348 (2011).

#### 2010

42. **Britvin, S.N., Siidra, O. I., Krivovichev, S.V., Lotnyk, A. & Depmeier, W.** Niobate and tantalate pyrochlores: soft synthesis by the fluoride route. *European Journal of Inorganic Chemistry*, Vol. 2010, p. 1082-1088 (2010).
43. **Nazarchuk, E.V., Siidra, O. I., Krivovichev, S.V., Malcherek, T., Depmeier, W.** First mixed alkaline uranyl molybdates: synthesis and crystal structures of  $\text{CsNa}_3[(\text{UO}_2)_4\text{O}_4(\text{Mo}_2\text{O}_8)]$  and  $\text{Cs}_2\text{Na}_8[(\text{UO}_2)_8\text{O}_8(\text{Mo}_5\text{O}_{20})]$ . *Zeitschrift für Anorganische und Allgemeine Chemie*, Vol. 635 p. 1231-1235, (2009).

44. **Siidra, O. I., Britvin, S.N., Krivovichev, S.V. & Depmeier, W.** Hydroxocentered  $[(\text{OH})\text{Tl}_3]^{2+}$  triangle as a building unit in thallium compounds: synthesis and crystal structure of  $\text{Tl}_4(\text{OH})_2\text{CO}_3$ . *Zeitschrift für Kristallographie*, Vol. 224, № 12, p. 563-567 (2009).
45. **Siidra, O. I., Britvin, S.N., Krivovichev, S.V. & Depmeier, W.** Polytypism of alkaline hydroxides: crystal structure of  $\text{TlOH}$ . *Zeitschrift für Anorganische und Allgemeine Chemie*, Vol. 636, p. 595-599 (2010).
46. **Britvin S.N., Spiridonova D.V., Siidra, O. I., Lotnyk A., Kienle L., Krivovichev S.V., Depmeier W.** Synthesis, structure and properties of hydrazinium germanate pharmacosiderite,  $(\text{N}_2\text{H}_5)_3\text{Ge}_7\text{O}_{15}(\text{OH})\cdot 2.5\text{H}_2\text{O}$ . *Microporous and Mesoporous Materials*, Vol. 131, p. 282-288 (2010).

#### 2009

47. **Minch, R., Peters, L., Ehm, L., Knorr, K., Siidra, O. I., Prakapenka, V., Dera, P. & Depmeier, W.** Evidence for the existence of a  $\text{PbCO}_3$ -II phase from high pressure X-ray measurements. *Zeitschrift für Kristallographie*, Vol. 225, №4, p. 146-152 (2010).
48. **Krivovichev S.V., Turner R., Rumsey M., Siidra O. I. & Kirk C. A.** The crystal structure of mereheadite. *Mineralogical Magazine*, Vol. 73 p. 75-89 (2009).
49. **Siidra, O. I., Krivovichev, S.V., Turner, R. & Rumsey, M.** Chloroxiphite  $\text{Pb}_3\text{CuO}_2(\text{OH})_2\text{Cl}_2$ : structure refinement and description in terms of oxocentered  $\text{OPb}_4$  tetrahedra. *Mineralogical Magazine*, Vol. 72, p. 793 - 798 (2008).
50. **Britvin, S.N., Siidra, O. I., Krivovichev, S.V. & Depmeier, W.:** Synthesis and crystal structure of the first thallium hydrous nesosilicate  $\text{Tl}_4\text{SiO}_4\cdot 0.5\text{H}_2\text{O}$ . *Zeitschrift für Anorganische und Allgemeine Chemie*, Vol. 635, p. 518-522 (2009).
51. **Siidra, O. I., Krivovichev, S.V. & Depmeier, W.:** Crystal structure of  $\text{Pb}_6\text{O}[(\text{Si}_6\text{Al}_2)\text{O}_{20}]$ . *Glass Physics and Chemistry*, Vol. 35, № 4, p. 406–410 (2009).
52. **Siidra, O. I., Krivovichev, S.V., Teske, C. & Depmeier, W.:** Synthesis and crystal structure of new oxyhalide  $\text{CdPb}_2\text{O}_2\text{Cl}_2$ . *Glass Physics and Chemistry*, Vol. 35, № 4, 411–415 (2009).

#### 2008

53. **Siidra O. I., Krivovichev S. V.** Crystal chemistry of oxocentered lead oxyhalides and their importance as perspective materials. In: *Minerals as advanced materials*. Springer, Berlin Heidelberg, 2008 p. 129-141.

54. **Siidra, O. I., Krivovichev, S. V., Armbruster, T. & Depmeier, W.:** Crystal chemistry of the mendipite-type system  $Pb_3O_2Cl_2 - Pb_3O_2Cl_2$ . *Zeitschrift für Kristallographie*, Vol. 223, №3, 204-211 (2008).
55. **Siidra, O. I., Krivovichev, S.V., Filatov, S. K.:** Minerals and synthetic Pb(II) compounds with oxocentered tetrahedra: review and classification. *Zeitschrift für Kristallographie*, Vol. 223, №1-2, 114-126 (2008).
56. **Siidra, O. I., Krivovichev, S.V. & Depmeier, W.:** Crystal chemistry of natural and synthetic lead oxohalides. II. Crystal structure of  $Pb_7O_4(OH)_4Br_2$ . *Geology of Ore Deposits*, Vol. 50, № 8, 801-805 (2008).

### 2007

57. **Siidra, O. I., Krivovichev, S. V., Armbruster, T., Filatov, S.K. & Pekov, I. V.:** The crystal structure of leningradite,  $PbCu_3(VO_4)_2Cl_2$ . *Canadian Mineralogist*, Vol. 45, 445 - 449 (2007).
58. **Siidra, O. I., Krivovichev, S.V. & Depmeier, W.:** Crystal chemistry of natural and synthetic lead oxohalides. *Geology of Ore Deposits*, I. Crystal Structure of  $Pb_{13}O_{10}Cl_6$ . Vol. 49, №8, 827-834 (2007).
59. **Siidra, O. I., Krivovichev, S.V. & Depmeier, W.:** Structure and mechanism of the ionic conductivity of the nonstoichiometric compound  $Pb_{2+x}OCl_{2+2x}$ . *Doklady Physical Chemistry*, Vol. 414, 128 – 131 (2007).
60. **Siidra, O. I., Krivovichev, S. V., Armbruster, T. & Depmeier, W.:** Lead rare-earth oxyhalides: syntheses and characterization of  $Pb_6LaO_7X$  ( $X = Cl, Br$ ). *Inorganic Chemistry*, Vol. 46, 1523 - 1525 (2007).

### 2006

61. **Siidra, O. I., Krivovichev, S. V. & Depmeier, W.:** Method of square lattices for the description of structural topologies of minerals and inorganic derivatives of tetragonal PbO (litharge). *Bulletin of Saint-Petersburg State University*, Vol. 7, №3, 18-26 (2006) (in Russian).
62. **Alekseev E. V., Krivovichev S.V., Depmeier W., Siidra, O. I., Knorr K., Suleimanov E. V. & Chuprunov E. V. :**  $Na_2Li_8[(UO_2)_{11}O_{12}(WO_5)_2]$ : Three different uranyl-ion coordination geometries and cation–cation interactions. *Angewandte Chemie*, Vol. 118, 7391 –7393 (2006).

63. **Krivovichev, S.V., Siidra, O. I., Nazarchuk, E.V., Burns, P.C. & Depmeier, W.:** Exceptional topological complexity of lead oxide blocks in  $Pb_{31}O_{22}X_{18}$  (X = Br, Cl). *Inorganic Chemistry*, Vol. 45, 3846 - 3848 (2006).
64. **Siidra, O.I., Evdokimov, M.D., Petrov, S. Ya., Sokolov, P.B.** About the mechanisms of topaz color and its spectral characteristics. *Bulletin of Saint-Petersburg State University*, Vol. 3, №23, 115-118 (2002) (in Russian).

#### Abstracts and conference proceedings.

	<b>Title, coauthors, pages in abstract book or conference proceedings</b>	<b>Conference</b>	<b>Type of presentation</b>
<b>1.</b>	Siidra, O. I., Krivovichev, S. V., Krivovichev, V. G., Depmeier, W.: Method of square lattices for the description of structural topologies of minerals and inorganic derivatives of tetragonal PbO (litharge), 2006, p. 87-88.	3 <sup>rd</sup> Fersman scientific session devoted to the 50 <sup>th</sup> anniversary of Kola RMO branch. Apatity. 27-28.04.2006.	Poster
<b>2.</b>	Siidra, O.I., Krivovichev, S.V., Nazarchuk, E.V., Burns, P.C., Depmeier, W. $Pb_{31}O_{22}Br_{10}Cl_8$ - the new lead-oxyhalide compound with the most complex tetrahedral structure. 2006 Acta Crystallographica, A62, 2006, p. 204	23rd European Crystallographic Meeting, ECM23. Leuven. 6-11.08.2006.	Poster
<b>3.</b>	Siidra, O.I., Krivovichev, S.V., Armbruster, T., Filatov, S. K., Pekov, I. V. Crystal structure of leningradite $PbCu_3(VO_4)_2Cl_2$ . 2006, p. 204-206.	Scientific conference "Fedorov session". Saint-Petersburg. 29-30.05.2006.	Poster
<b>4.</b>	Siidra, O.I., Krivovichev, S.V. $Pb_{13}O_{10}Cl_6$ , novel framework type in divalent lead oxyhalides, 2006, p. 48	Annual seminar on experimental mineralogy, petrology and geochemistry. Moscow. 18-19.04.2006.	Poster



5.	Siidra, O. I.: Synthesis and structural peculiarities of lead oxyhalides, 2006, p. 95.	11 <sup>th</sup> assembly of the young scientists of Saint-Petersburg. Saint-Petersburg. 28.11.2006.	Oral
6.	Siidra, O.I., Krivovichev, S.V. Novel type of oxocentered chains in structures of mixed divalent lead oxyhalides $Pb_6LaO_7X$ ( $X = Cl, Br$ ). 2007, p. 95-97.	International Conference "Spectroscopy and crystal chemistry of minerals". Ekaterinburg. 29.01-03.02.2007.	Poster
7.	Siidra, O.I., Krivovichev, S.V. Crystal chemistry investigation of the series $Pb_3O_2Cl_2-Pb_3O_2Br_2$ . 2007, p. 97-98.	International Conference "Spectroscopy and crystal chemistry of minerals". Ekaterinburg. 29.01-03.02.2007.	Poster
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