

Elena V Selezneva

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Crystal structure, hydrogen bonds and thermal transformations of superprotonic conductor Cs ₆ (SO ₄) ₃ (H ₃ PO ₄) ₄ . Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 266-274. | 1.1 | 1 |
| 2 | Microscopic studies of the surface layer of (NH ₄) ₃ H(SeO ₄) ₂ crystals subject to phase transformations. Surfaces and Interfaces, 2021, 23, 100952. | 3.0 | 2 |
| 3 | Production of Complex Hydrosulphates in the K ₃ H(SO ₄) ₂ –Rb ₃ H(SO ₄) ₂ Series: Part I. Crystallography Reports, 2019, 64, 479-483. | 0.6 | 4 |
| 4 | The Study of Phase Equilibria in the Cs ₂ SO ₄ –Rb ₂ SO ₄ –H ₂ SO ₄ –H ₂ O System. Crystallography Reports, 2018, 63, 1009-1014. | 0.6 | 3 |
| 5 | The Changes of Thermal, Dielectric, and Optical Properties at Insertion of Small Concentrations of Ammonium to K ₃ H(SO ₄) ₂ Crystals. Crystallography Reports, 2018, 63, 553-562. | 0.6 | 6 |
| 6 | The Influence of Cation Substitution on the Kinetics of Phase Transitions in Crystals of (K,NH ₄) ₃ H(SO ₄) ₂ Solid Solutions. Crystallography Reports, 2018, 63, 178-185. | 0.6 | 2 |
| 7 | Fast proton conduction in Cs ₃ (HSO ₄) ₂ (H ₂ PO ₄) and Cs ₄ (HSO ₄) ₃ (H ₂ PO ₄). Solid State Ionics, 2017, 305, 30-35. | 2.7 | 4 |
| 8 | Structural conditionality of the physical properties of the new representatives of the family of superprotonic crystals. Journal of Surface Investigation, 2017, 11, 408-413. | 0.5 | 0 |
| 9 | New superprotonic crystals with dynamically disordered hydrogen bonds: cation replacements as the alternative to temperature increase. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 1105-1113. | 1.1 | 16 |
| 10 | Effect of cationic substitution on the double-well hydrogen-bond potential in [K ₃ (NH ₄) ₃ H(SO ₄) ₂] proton conductors: a single-crystal neutron diffraction study. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 863-867. | 1.1 | 4 |
| 11 | The replacements in the cation sublattice in superprotonic crystals. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1257-C1257. | 0.1 | 0 |
| 12 | New crystals of the CsHSO ₄ –CsH ₂ PO ₄ –H ₂ O system. Crystallography Reports, 2016, 61, 918-922. | 0.6 | 2 |
| 13 | Production of complex rubidium and cesium hydrogen sulfate–phosphates. Crystallography Reports, 2016, 61, 675-681. | 0.6 | 14 |
| 14 | Structure and properties of new crystals in CsHSO ₄ –CsH ₂ PO ₄ –H ₂ O system. Ferroelectrics, 2016, 500, 54-66. | 0.6 | 8 |
| 15 | Structure and properties of new crystals in Cs ₃ (HSO ₄) ₂ (H ₂ PO ₄) and Cs ₄ (HSO ₄) ₃ (H ₂ PO ₄) single crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 133-141. | 1.1 | 11 |
| 16 | Structure of Cs ₄ (HSO ₄) ₃ (H ₂ PO ₄) single crystals. Crystallography Reports, 2016, 61, 18-23. | 0.6 | 1 |
| 17 | Study of phase equilibria in the Rb ₃ H(SO ₄) ₂ –RbH ₂ PO ₄ –H ₂ O system. Crystallography Reports, 2015, 60, 431-437. | 0.6 | 9 |
| 18 | Investigation of the structure of Cs ₃ (HSO ₄) ₂ (H ₂ PO ₄) single crystals. Crystallography Reports, 2015, 60, 498-507. | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The structure of $(K_{0.43}(NH_4)_{0.57})_3H(SO_4)_2$ single crystals. Crystallography Reports, 2015, 60, 814-820. | 0.6 | 9 |
| 20 | Investigation of the structure and properties of $(K \times (NH_4)_{1-x})_3H(SO_4)_2$ single crystals. Crystallography Reports, 2014, 59, 878-884. | 0.6 | 16 |
| 21 | $MmHn(XO_4)_{(m+n)/2}$ crystals: structure, phase transitions, hydrogen bonds, conductivity. I. $K_9H_7(SO_4)_8 \cdot H_2O$ crystals – a new representative of the family of solid acid conductors. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 218-226. | 1.1 | 17 |
| 22 | Growth, structure and properties of $(K_{1-x}(NH_4)_x)_9H_7(SO_4)_8 \cdot H_2O$ crystals. Solid State Ionics, 2014, 268, 68-75. | 2.7 | 20 |
| 23 | Preparation and studies of new crystals in the $K_3H(SO_4)_2-(NH_4)_3H(SO_4)_2-H_2O$ system. Crystallography Reports, 2014, 59, 344-352. | 0.6 | 14 |
| 24 | Phase transitions in $Cs_5(HSO_4)_2(H_2PO_4)_3$ crystal. Crystallography Reports, 2013, 58, 894-898. | 0.6 | 7 |