Elena V Selezneva

List of Publications by Year
in descending order

24	175	1040056 9	1125743 13
papers	citations	h-index	g-index

24	24	24	25
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Growth, structure and properties of (K1â^'(NH4))9H7(SO4)8Â·H2O crystals. Solid State Ionics, 2014, 268, 68-75.	2.7	20
2	MmHn(XO4)(m+n)/2crystals: structure, phase transitions, hydrogen bonds, conductivity. I. K9H7(SO4)8Â·H2O crystals â€“ 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
3	Investigation of the structure and properties of (K x (NH4)1 â^' x)3H(SO4)2 single crystals. Crystallography Reports, 2014, 59, 878-884.	0.6	16
4	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
5	Preparation and studies of new crystals in the K3H(SO4)2-(NH4)3H(SO4)2-H2O system. Crystallography Reports, 2014, 59, 344-352.	0.6	14
6	Production of complex rubidium and cesium hydrogen sulfateâ'phosphates. Crystallography Reports, 2016, 61, 675-681.	0.6	14
7	M_mH_n(XO4)_{(m+n)/2} crystals: structure, phase transitions, hydrogen bonds, conductivity. II. Structure and properties of Cs₃(HSO₄)₂(H₂PO₄) and Cs₄(HSO₄)₃(H₂PO₄) single crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 133-141.	1.1	11
8	Study of phase equilibria in the Rb3H(SO4)2-RbH2PO4-H2O system. Crystallography Reports, 2015, 60, 431-437.	0.6	9
9	The structure of (K0.43(NH4)0.57)3H(SO4)2 single crystals. Crystallography Reports, 2015, 60, 814-820.	0.6	9
10	Structure and properties of new crystals in CsHSO₄â€“ CsH₂PO₄â€“ H₂O system. Ferroelectrics, 2016, 500, 54-66.	0.6	8
11	Phase transitions in Cs5(HSO4)2(H2PO4)3 crystal. Crystallography Reports, 2013, 58, 894-898.	0.6	7
12	The Changes of Thermal, Dielectric, and Optical Properties at Insertion of Small Concentrations of Ammonium to K3H(SO4)2 Crystals. Crystallography Reports, 2018, 63, 553-562.	0.6	6
13	Investigation of the structure of Cs3(HSO4)2(H2PO4) single crystals. Crystallography Reports, 2015, 60, 498-507.	0.6	5
14	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
15	Effect of cationic substitution on the double-well hydrogen-bond potential in [K_{1â^'x}(NH₄)_x]₃H(SO₄)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
16	Production of Complex Hydrosulphates in the K3H(SO4)2â€“Rb3H(SO4)2 Series: Part I. Crystallography Reports, 2019, 64, 479-483.	0.6	4
17	The Study of Phase Equilibria in the Cs2SO4â€“Rb2SO4â€“H2SO4â€–H2O System. Crystallography Reports, 2018, 63, 1009-1014.	0.6	3
18	New crystals of the CsHSO4â€–CsH2PO4â€–H2O system. Crystallography Reports, 2016, 61, 918-922.	0.6	2

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19	The Influence of Cation Substitution on the Kinetics of Phase Transitions in Crystals of (K,NH4)3H(SO4)2 Solid Solutions. Crystallography Reports, 2018, 63, 178-185.	0.6	2
20	Microscopic studies of the surface layer of (NH4)3H(SeO4)2 crystals subject to phase transformations. Surfaces and Interfaces, 2021, 23, 100952.	3.0	2
21	Structure of Cs4(HSO4)3(H2PO4) single crystals. Crystallography Reports, 2016, 61, 18-23.	0.6	1
22	Crystal structure, hydrogen bonds and thermal transformations of superprotonic conductor Cs₆(SO₄)₃(H₃PO₄)₄. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 266-274.	1.1	1
23	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
24	The replacements in the cation sublattice in superprotonic crystals. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1257-C1257.	0.1	0