

Alexander Knyazev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wound Healing Composite Materials of Bacterial Cellulose and Zinc Oxide Nanoparticles with Immobilized Betulin Diphosphate. <i>Nanomaterials</i> , 2021, 11, 713.	4.1	27
2	Zinc Oxide Nanoparticles Protected with Terpenoids as a Substance in Redox Imbalance Normalization in Burns. <i>Pharmaceuticals</i> , 2021, 14, 492.	3.8	4
3	New iodine-apatites: synthesis and crystal structure. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1444-1453.	1.2	2
4	The New Pharmaceutical Compositions of Zinc Oxide Nanoparticles and Triterpenoids for the Burn Treatment. <i>Pharmaceuticals</i> , 2020, 13, 207.	3.8	8
5	Lattice dynamics and high-pressure properties of K ⁺ ionic conducting system KNbTeO ₆ . <i>Journal of Raman Spectroscopy</i> , 2020, 51, 2517-2524.	2.5	1
6	Correlation of Distribution Functions of Hydrogen Adsorption and Disodium Maleate Hydrogenation Activity for the Nickel Catalyst in Aqueous Solution. <i>ChemistrySelect</i> , 2020, 5, 1007-1012.	1.5	2
7	Betulin-3,28-diphosphate. Physico-Chemical Properties and In Vitro Biological Activity Experiments. <i>Molecules</i> , 2018, 23, 1175.	3.8	9
8	Thermodynamic and thermophysics properties of synthetic britholite SrPr ₄ (SiO ₄) ₃ O. <i>Journal of Chemical Thermodynamics</i> , 2017, 108, 38-44.	2.0	3
9	Combustion calorimetry and low-temperature X-ray diffraction of steroid hormone. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2201-2206.	3.6	8
10	Thermodynamic properties of synthetic turkestanite KNaCaTh(Si ₈ O ₂₀). <i>Journal of Chemical Thermodynamics</i> , 2016, 92, 8-11.	2.0	2
11	Structure and Thermal Expansion of Calcium-Thorium Apatite, [Ca ₄] ^F [Ca ₂ Th ₄] ^T [(SiO ₄) ₆] ₁₀ O ₂ . <i>Inorganic Chemistry</i> , 2015, 54, 11356-11361.	1.0	1
12	Synthesis, structure, and thermal expansion of the Sr ₅ (AO ₄) ₃ L (A = P, V, Cr; L = F, Cl, Br) apatites. <i>Inorganic Materials</i> , 2015, 51, 245-256.	0.8	4
13	Synthesis and structure investigation of ternary oxides based on molybdenum and lanthanum. <i>Materials Chemistry and Physics</i> , 2015, 157, 21-30.	4.0	1
14	Thermal expansion of solid solutions in apatite binary systems. <i>Materials Research Bulletin</i> , 2015, 61, 47-53.	5.2	8
15	Low-temperature heat capacity and thermal expansion of synthetic caracolite Na ₃ Pb ₂ (SO ₄) ₃ Cl. <i>Thermochimica Acta</i> , 2014, 596, 1-5.	2.7	3
16	Synthesis and thermal expansion of M ₃ IM ₂ II(SO ₄) ₃ L (L = Halogen) compounds with the apatite structure. <i>Inorganic Materials</i> , 2014, 50, 519-527.	0.8	5
17	Crystal Structure and Thermodynamic Properties of Barium-Thulium Bismuthate with Perovskite Structure. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1883-1890.	3.8	1
18	Synthesis and thermal expansion of some lanthanide-containing apatites. <i>Inorganic Materials</i> , 2013, 49, 1133-1137.	0.8	12

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19	Crystal structure, spectroscopy, and thermal expansion of compounds in $M_2O \cdot Al_2O_3 \cdot TiO_2$ system. <i>Journal of Solid State Chemistry</i> , 2012, 196, 110-118.	2.9	18
20	Apatite-structured compounds: Synthesis and high-temperature investigation. <i>Materials Chemistry and Physics</i> , 2012, 132, 773-781.	4.0	37
21	Synthesis and study of compounds of the general formula $MIITh(VO_4)_2$ (MII = Mn, Cd, Ca, Sr, Pb, or Ba). <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 639-645.	1.3	4
22	Phase transitions and thermal expansion of apatite-structured compounds. <i>Inorganic Materials</i> , 2011, 47, 172-177.	0.8	40
23	Phase diagram of apatite system $Ca_{10}(PO_4)_6Cl_2 \cdot Pb_{10}(PO_4)_6Cl_2$. <i>Thermochimica Acta</i> , 2011, 526, 72-77.	2.7	8
24	Synthesis, structures, physicochemical properties, and crystal-chemical systematics of $M_2IIAlIUO_6$ (MII = Pb, Ba, Sr; All = Mg, Ca, Sr, Ba, Mn, Fe, Co, Ni, Cu, Zn, Cd, Pb) compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 888-898.	1.3	9
25	High-temperature thermal and X-ray diffraction studies, and room-temperature spectroscopic investigation of some inorganic pigments. <i>Dyes and Pigments</i> , 2011, 91, 286-293.	3.7	42
26	Isomorphism and phase diagram of $Pb_5(PO_4)_3F \cdot Pb_5(PO_4)_3Cl$ system. <i>Thermochimica Acta</i> , 2011, 513, 112-118.	2.7	10
27	Thermodynamic properties of pentalead tris(vanadate) chloride. <i>Thermochimica Acta</i> , 2011, 515, 79-83.	2.7	7
28	Isomorphism and phase diagram of the $Pb_5(PO_4)_3Cl \cdot Pb_5(VO_4)_3Cl$ system. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 1463-1470.	1.3	15
29	Thermodynamic properties of rubidium niobium tungsten oxide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 843-848.	3.6	12
30	Crystal structure and thermal expansion of perovskites containing uranium (VI) and rare-earth elements. <i>Journal of Rare Earths</i> , 2009, 27, 4-11.	4.8	7