

# Alexander Knyazev

## List of Publications by Year in descending order

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30  
papers

323  
citations

933447

10  
h-index

888059

17  
g-index

30  
all docs

30  
docs citations

30  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Phase transitions and thermal expansion of apatite-structured compounds. <i>Inorganic Materials</i> , 2011, 47, 172-177.	0.8	40
3	Apatite-structured compounds: Synthesis and high-temperature investigation. <i>Materials Chemistry and Physics</i> , 2012, 132, 773-781.	4.0	37
4	Wound Healing Composite Materials of Bacterial Cellulose and Zinc Oxide Nanoparticles with Immobilized Betulin Diphosphate. <i>Nanomaterials</i> , 2021, 11, 713.	4.1	27
5	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
6	Isomorphism and phase diagram of the $Pb_5(PO_4)3Cl$ - $Pb_5(VO_4)3Cl$ system. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 1463-1470.	1.3	15
7	Structure and Thermal Expansion of Calcium-Thorium Apatite, $[Ca_{4}]^{4+}[F]^{2-}[Ca_2Th_4]^{4+}[T]^{4+}[(SiO_4)_6]^{6-}O_2$ . <i>Inorganic Chemistry</i> , 2015, 54, 11356-11361.	4.1	15
8	Thermodynamic properties of rubidium niobium tungsten oxide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 843-848.	3.6	12
9	Synthesis and thermal expansion of some lanthanide-containing apatites. <i>Inorganic Materials</i> , 2013, 49, 1133-1137.	0.8	12
10	Isomorphism and phase diagram of $Pb_5(PO_4)3F$ - $Pb_5(PO_4)3Cl$ system. <i>Thermochimica Acta</i> , 2011, 513, 112-118.	2.7	10
11	Synthesis, structures, physicochemical properties, and crystal-chemical systematics of $M_2IIAl_3UO_6$ ( $MII = Pb, Ba, Sr$ ; $AlI = Mg, Ca, Sr, Ba, Mn, Fe, Co, Ni, Cu, Zn, Cd, Pb$ ) compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 888-898.	1.3	9
12	Betulin-3,28-diphosphate. Physico-Chemical Properties and In Vitro Biological Activity Experiments. <i>Molecules</i> , 2018, 23, 1175.	3.8	9
13	Phase diagram of apatite system $Ca_{10}(PO_4)_6Cl_2$ - $Pb_{10}(PO_4)_6Cl_2$ . <i>Thermochimica Acta</i> , 2011, 526, 72-77.	2.7	8
14	Thermal expansion of solid solutions in apatite binary systems. <i>Materials Research Bulletin</i> , 2015, 61, 47-53.	5.2	8
15	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
16	The New Pharmaceutical Compositions of Zinc Oxide Nanoparticles and Triterpenoids for the Burn Treatment. <i>Pharmaceuticals</i> , 2020, 13, 207.	3.8	8
17	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
18	Thermodynamic properties of pentalead tris(vanadate) chloride. <i>Thermochimica Acta</i> , 2011, 515, 79-83.	2.7	7

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19	Synthesis and thermal expansion of $M_3IM_2II(SO_4)_3L$ (L = Halogen) compounds with the apatite structure. <i>Inorganic Materials</i> , 2014, 50, 519-527.	0.8	5
20	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
21	Synthesis, structure, and thermal expansion of the $Sr_5(AO_4)_3L$ (A = P, V, Cr; L = F, Cl, Br) apatites. <i>Inorganic Materials</i> , 2015, 51, 245-256.	0.8	4
22	Zinc Oxide Nanoparticles Protected with Terpenoids as a Substance in Redox Imbalance Normalization in Burns. <i>Pharmaceuticals</i> , 2021, 14, 492.	3.8	4
23	Low-temperature heat capacity and thermal expansion of synthetic caracolite $Na_3Pb_2(SO_4)_3Cl$ . <i>Thermochimica Acta</i> , 2014, 596, 1-5.	2.7	3
24	Thermodynamic and thermophysics properties of synthetic britholite $SrPr_4(SiO_4)_3O$ . <i>Journal of Chemical Thermodynamics</i> , 2017, 108, 38-44.	2.0	3
25	Thermodynamic properties of synthetic turkestanite $KNaCaTh(Si_8O_{20})$ . <i>Journal of Chemical Thermodynamics</i> , 2016, 92, 8-11.	2.0	2
26	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
27	New iodine-apatites: synthesis and crystal structure. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1444-1453.	1.2	2
28	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
29	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
30	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