

Mikhail A Ryumin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heat Capacity and Thermodynamic Functions of Neodymium Orthoniobate. Russian Journal of Inorganic Chemistry, 2021, 66, 237-244.	0.3	3
2	Structural and thermodynamic properties of anionically substituted solid solution ceramics Y(VO ₄) _{1-x} (PO ₄) _x with zircon structure. Ceramics International, 2020, 46, 2576-2579.	2.3	2
3	Thermal expansion and thermodynamic properties of M ²⁺ -YbTaO ₄ ceramics. Ceramics International, 2020, 46, 5402-5406.	2.3	12
4	Thermodynamic functions of holmium orthophosphate HoPO ₄ in the range 90–1370 K. Thermochimica Acta, 2020, 683, 178459.	1.2	5
5	Low-Temperature Heat Capacity of M-Type Terbium Orthotantalate and Schottky Anomaly. Russian Journal of Inorganic Chemistry, 2020, 65, 655-662.	0.3	4
6	Heat Capacity and Thermodynamic Functions of Dysprosium Orthoniobate in the Range 20–1300 K. Russian Journal of Inorganic Chemistry, 2020, 65, 688-694.	0.3	2
7	Heat Capacity and Thermodynamic Functions of La ₂ Sn ₂ O ₇ . Inorganic Materials, 2020, 56, 97-104.	0.2	19
8	Thermodynamic Properties of M-EuTaO ₄ . Russian Journal of Inorganic Chemistry, 2020, 65, 1873-1878.	0.3	1
9	Thermodynamic and Magnetic Properties of Praseodymium Stannate. Russian Journal of Inorganic Chemistry, 2020, 65, 1891-1898.	0.3	4
10	Thermophysical properties of M ²⁺ -LuTaO ₄ : Structural and calorimetric studies. Journal of Alloys and Compounds, 2019, 803, 1016-1022.	2.8	9
11	Thermodynamic Properties of Monoclinic Neodymium Orthotantalate M-NdTaO ₄ . Russian Journal of Inorganic Chemistry, 2019, 64, 1041-1046.	0.3	10
12	Heat Capacity and Thermal Expansion of Neodymium Orthotantalate. Inorganic Materials, 2019, 55, 959-963.	0.2	6
13	The heat capacity of LaPO ₄ and PrPO ₄ nanowhiskers. Journal of Thermal Analysis and Calorimetry, 2018, 132, 337-342.	2.0	5
14	Calorimetric study of ytterbium orthovanadate YbVO ₄ polycrystalline ceramics. Ceramics International, 2018, 44, 18103-18107.	2.3	6
15	Phase transitions and thermodynamic properties of lanthanide compounds LnAO ₄ (A = P, V, Nb). Russian Journal of General Chemistry, 2017, 87, 583-590.	0.3	6
16	Low-temperature heat capacity and Schottky anomaly of ErVO ₄ . Russian Journal of Physical Chemistry A, 2017, 91, 727-732.	0.1	0
17	Heat capacity and thermodynamic functions of thulium orthophosphate TmPO ₄ in the range of 10–1350 K. Russian Journal of Physical Chemistry A, 2017, 91, 2310-2316.	0.1	3
18	Thermodynamic properties of GdTaO ₄ . Inorganic Materials, 2017, 53, 728-733.	0.2	18

#	ARTICLE	IF	CITATIONS
19	Heat capacity and thermodynamic functions of $\text{La}(\text{VO}_4)_{1-x}(\text{PO}_4)_x$ solid solutions at low temperatures. Russian Journal of Inorganic Chemistry, 2017, 62, 77-83.	0.3	1
20	Low-temperature heat capacity and thermodynamic properties of PrPO_4 . Geochemistry International, 2016, 54, 362-368.	0.2	9
21	Thermodynamic properties and phase transition of monoclinic terbium orthophosphate. Thermochimica Acta, 2016, 641, 63-70.	1.2	6
22	Low-temperature heat capacity of yttrium orthotantalate. Inorganic Materials, 2016, 52, 1149-1154.	0.2	16
23	Synthesis of cerium orthophosphates with monazite and rhabdophane structure from phosphoric acid solutions in the presence of hydrogen peroxide. Russian Journal of Inorganic Chemistry, 2016, 61, 1219-1224.	0.3	13
24	Synthesis and study of the heat capacity of orthovanadate TbVO_4 in the range 5–859 K. Russian Journal of Inorganic Chemistry, 2016, 61, 1-6.	0.3	3
25	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups – synthesis, magnetism and thermolysis. Polyhedron, 2015, 102, 48-59.	1.0	31
26	Heat capacity and thermodynamic functions of SmPO_4 at 10–1600 K. Geochemistry International, 2015, 53, 607-616.	0.2	5
27	Heat capacity and thermodynamic functions of $\text{Gd}(\text{VO}_4)_{0.5}(\text{PO}_4)_{0.5}$ solid solution in the low-temperature region. Russian Journal of Inorganic Chemistry, 2015, 60, 702-708.	0.3	5
28	Synthesis, structure and thermolysis of $\text{Ba}(\text{II})-\text{M}(\text{II})$ ($\text{M} = \text{Co}, \text{Zn}$) bimetallic 3D-polymers as precursors of complex oxides. Polyhedron, 2015, 87, 28-37.	1.0	29
29	Low-temperature heat capacity and thermodynamic functions of DyVO_4 . Inorganic Materials, 2014, 50, 917-923.	0.2	14
30	Heat capacity and thermodynamic properties of $\text{Ba}_{0.7}\text{La}_{0.3}\text{F}_{2.3}$ solid solution from 5 to 1000K. Thermochimica Acta, 2013, 558, 1-5.	1.2	4
31	Phase transitions in the solvate of the heterospin complex $\text{Cu}(\text{hfac})_2$ with the nitronyl nitroxide radical. Russian Chemical Bulletin, 2013, 62, 403-407.	0.4	0
32	Heat capacity and thermodynamic functions of YbPO_4 from 0 to 1800 K. Inorganic Materials, 2013, 49, 701-708.	0.2	18
33	Thermodynamic properties of mixed-ligand rare earth pivalates. Thermochimica Acta, 2013, 556, 68-74.	1.2	2
34	Synthesis and study of the properties of the solid solutions $\text{K}_2\text{Y}_{1-x}\text{Tb}_x(\text{MoO}_4)(\text{PO}_4)$ and $\text{K}_2\text{Y}_{1-x}\text{Tm}_x(\text{MoO}_4)(\text{PO}_4)_{0.95}(\text{VO}_4)_{0.05}$. Russian Chemical Bulletin, 2012, 61, 659-661.	0.4	2
35	Heat capacity and thermodynamic properties of GdPO_4 in the temperature range 0–1600 K. Geochemistry International, 2012, 50, 702-710.	0.2	12
36	Phase transformations in sodium molybdate studied by differential scanning calorimetry. Russian Journal of Inorganic Chemistry, 2012, 57, 1123-1127.	0.3	6

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37	Thermodynamic functions of erbium orthophosphate ErPO ₄ in the temperature range of 0–1600 K. <i>Thermochimica Acta</i> , 2012, 535, 1-7.	1.2	26
38	Thermodynamic functions of ScVO ₄ at temperatures from 0 to 350 K. <i>Inorganic Materials</i> , 2012, 48, 845-850.	0.2	5
39	High-temperature thermodynamic properties of LuPO ₄ . <i>Inorganic Materials</i> , 2012, 48, 841-844.	0.2	13
40	Heat capacity and thermodynamic functions of petrovskaita (AgAuS) at 0–583 K and mineral equilibria in the Ag-Au-S system. <i>Geochemistry International</i> , 2011, 49, 422-428.	0.2	6
41	Revised heat capacity and thermodynamic functions of GdVO ₄ . <i>Inorganic Materials</i> , 2011, 47, 1120-1125.	0.2	11
42	Complex potassium yttrium molybdate phosphates K ₂ Y _{1-x} Eu _x (MoO ₄)(PO ₄) _{0.9} (VO ₄) _{0.1} : Synthesis and study of luminescent properties. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1343-1350.	0.3	7
43	Synthesis and study of the properties of K ₂ Y _{1-x} Eu _x Tb _y (MoO ₄)(PO ₄) and K ₂ Y _{1-x} Eu _x Tb _y (MoO ₄)(PO ₄) _{1-x} (VO ₄) _x solid solutions. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1943-1950.	0.3	4
44	Potassium europium molybdate phosphate. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 1010-1013.	0.3	12
45	Heat capacity and thermodynamic functions of YVO ₄ in the 13–347 K region. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 1935-1939.	0.3	6
46	Thermal behavior of LaPO ₄ ·nH ₂ O and NdPO ₄ ·nH ₂ O nanopowders. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 809-811.	2.0	11
47	Thermodynamic properties of tetrabridged binuclear copper complexes with apical substituted pyridine ligands. <i>Thermochimica Acta</i> , 2010, 509, 67-72.	1.2	3
48	Heat capacity and thermodynamic functions of pretulite ScPO ₄ (c) at 0–1600 K. <i>Geochemistry International</i> , 2010, 48, 390-397.	0.2	10
49	Heat capacity and thermodynamic functions of xenotime YPO ₄ (c) at 0–1600 K. <i>Geochemistry International</i> , 2010, 48, 932-939.	0.2	24
50	Heat capacity and thermodynamic functions of LaVO ₄ and LuVO ₄ from 7 to 345 K. <i>Inorganic Materials</i> , 2010, 46, 776-783.	0.2	12
51	Low-temperature heat capacity of Li _x Ni _{2-x} O ₂ solid solutions. <i>Inorganic Materials</i> , 2010, 46, 1031-1037.	0.2	1
52	Low-temperature heat capacity and thermal behavior of Zn _{0.98} Co _{0.02} O in the high-temperature region. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 1-5.	0.3	6
53	Heat capacity and thermodynamic functions of cadmium fluoride. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 1445-1450.	0.3	3
54	A calorimetric study of the thermodynamic properties of potassium molybdate. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 327-333.	0.1	4

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55	The heat capacity and thermodynamic functions of EuPO ₄ over the temperature range 0–1600 K. Russian Journal of Physical Chemistry A, 2009, 83, 901-906.	0.1	18
56	Refined heat capacity of LaPO ₄ in the temperature range 0–1600K. Thermochimica Acta, 2008, 474, 47-51.	1.2	34
57	Low-Temperature Heat Capacities of Terbium Molybdate Phosphates M ₂ ITb(MoO ₄)(PO ₄) (MI = Na or K). Russian Journal of Inorganic Chemistry, 2008, 53, 268-274.	0.3	2
58	Heat capacity and thermodynamic functions of Na ₂ MoO ₄ in the temperature range 0–300K. Thermochimica Acta, 2007, 463, 41-43.	1.2	6
59	Synthesis and crystal structure of new complex sodium lanthanide phosphate molybdates Na ₂ MIII(MoO ₄)(PO ₄)(MIII = Tb, Dy, Ho, Er, Tm, Lu). Russian Journal of Inorganic Chemistry, 2007, 52, 653-660.	0.3	8
60	Low-temperature heat capacity and high-temperature thermal behavior of sodium lutetium molybdate phosphate Na ₂ Lu(MoO ₄)(PO ₄). Russian Journal of Inorganic Chemistry, 2007, 52, 727-732.	0.3	3
61	Low-temperature heat capacity of sodium erbium molybdophosphate Na ₂ Er(MoO ₄)(PO ₄). Russian Journal of Inorganic Chemistry, 2007, 52, 1607-1611.	0.3	1
62	Heat capacity and thermodynamic functions of LuPO ₄ in the range 0–320K. Thermochimica Acta, 2006, 448, 63-65.	1.2	51
63	New complex ytterbium molybdophosphates M ₂ IYb(PO ₄)(MoO ₄) (MI = K, Na): Synthesis and structure solution. Russian Journal of Inorganic Chemistry, 2006, 51, 350-356.	0.3	6
64	Synthesis, single crystal growth and thermodynamic properties of SrNdAlO ₄ -CaNdAlO ₄ solid solutions. Crystal Research and Technology, 2005, 40, 405-409.	0.6	4
65	Thermodynamic Properties of CaNdAlO ₄ -SrNdAlO ₄ Solid Solutions. Inorganic Materials, 2005, 41, 850-853.	0.2	2