Mikhail A Ryumin

List of Publications by Year
in descending order

65 papers	591 citations	686830 13 h-index	752256 20 g-index
66 all docs	66 docs citations	66 times ranked	368 citing authors

#	Article	IF	Citations
1	Heat capacity and thermodynamic functions of LuPO4 in the range 0â€“320K. Thermochimica Acta, 2006, 448, 63-65.	1.2	51
2	Refined heat capacity of LaPO4 in the temperature range 0â€“1600K. Thermochimica Acta, 2008, 474, 47-51.	1.2	34
3	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups â€“ synthesis, magnetism and thermolysis. Polyhedron, 2015, 102, 48-59.	1.0	31
4	Synthesis, structure and thermolysis of Ba(II)â€“M(II) (M = Co, Zn) bimetallic 3D-polymers as precursors of complex oxides. Polyhedron, 2015, 87, 28-37.	1.0	29
5	Thermodynamic functions of erbium orthophosphate ErPO4 in the temperature range of 0â€“1600K. Thermochimica Acta, 2012, 535, 1-7.	1.2	26
6	Heat capacity and thermodynamic functions of xenotime YPO4(c) at 0â€“1600 K. Geochemistry International, 2010, 48, 932-939.	0.2	24
7	Heat Capacity and Thermodynamic Functions of La2Sn2O7. Inorganic Materials, 2020, 56, 97-104.	0.2	19
8	The heat capacity and thermodynamic functions of EuPO4 over the temperature range 0â€“1600 K. Russian Journal of Physical Chemistry A, 2009, 83, 901-906.	0.1	18
9	Heat capacity and thermodynamic functions of YbPO4 from 0 to 1800 K. Inorganic Materials, 2013, 49, 701-708.	0.2	18
10	Thermodynamic properties of GdTaO4. Inorganic Materials, 2017, 53, 728-733.	0.2	18
11	Low-temperature heat capacity of yttrium orthotantalate. Inorganic Materials, 2016, 52, 1149-1154.	0.2	16
12	Low-temperature heat capacity and thermodynamic functions of DyVO4. Inorganic Materials, 2014, 50, 917-923.	0.2	14
13	High-temperature thermodynamic properties of LuPO4. Inorganic Materials, 2012, 48, 841-844.	0.2	13
14	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
15	Potassium europium molybdate phosphate. Russian Journal of Inorganic Chemistry, 2010, 55, 1010-1013.	0.3	12
16	Heat capacity and thermodynamic functions of LaVO4 and LuVO4 from 7 to 345 K. Inorganic Materials, 2010, 46, 776-783.	0.2	12
17	Heat capacity and thermodynamic properties of GdPO4 in the temperature range 0â€“1600 K. Geochemistry International, 2012, 50, 702-710.	0.2	12
18	Thermal expansion and thermodynamic properties of Mâ€²-YbTaO4 ceramics. Ceramics International, 2020, 46, 5402-5406.	2.3	12

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19	Thermal behavior of LaPO4Â·nH2O and NdPO4Â·nH2O nanopowders. Journal of Thermal Analysis and Calorimetry, 2010, 102, 809-811.	2.0	11
20	Revised heat capacity and thermodynamic functions of GdVO4. Inorganic Materials, 2011, 47, 1120-1125.	0.2	11
21	Heat capacity and thermodynamic functions of pretulite ScPO4(c) at 0â€“1600 K. Geochemistry International, 2010, 48, 390-397.	0.2	10
22	Thermodynamic Properties of Monoclinic Neodymium Orthotantalate M-NdTaO4. Russian Journal of Inorganic Chemistry, 2019, 64, 1041-1046.	0.3	10
23	Low-temperature heat capacity and thermodynamic properties of PrPO4. Geochemistry International, 2016, 54, 362-368.	0.2	9
24	Thermophysical properties of Mâ€²-LuTaO4: Structural and calorimetric studies. Journal of Alloys and Compounds, 2019, 803, 1016-1022.	2.8	9
25	Synthesis and crystal structure of new complex sodium lanthanide phosphate molybdates Na2MIII(MoO4)(PO4)(MIII = Tb, Dy, Ho, Er, Tm, Lu). Russian Journal of Inorganic Chemistry, 2007, 52, 653-660.	0.3	8
26	Complex potassium yttrium molybdate phosphates K2Y1 â^' x Eu x (MoO4)(PO4)0.9(VO4)0.1: Synthesis and study of luminescent properties. Russian Journal of Inorganic Chemistry, 2011, 56, 1343-1350.	0.3	7
27	New complex ytterbium molybdophosphates M 2 I Yb(PO4)(MoO4) (MI = K, Na): Synthesis and structure solution. Russian Journal of Inorganic Chemistry, 2006, 51, 350-356.	0.3	6
28	Heat capacity and thermodynamic functions of Na2MoO4 in the temperature range 0â€“300K. Thermochimica Acta, 2007, 463, 41-43.	1.2	6
29	Low-temperature heat capacity and thermal behavior of Zn0.98Co0.02O in the high-temperature region. Russian Journal of Inorganic Chemistry, 2009, 54, 1-5.	0.3	6
30	Heat capacity and thermodynamic functions of YVO4 in the 13â€“347 K region. Russian Journal of Inorganic Chemistry, 2010, 55, 1935-1939.	0.3	6
31	Heat capacity and thermodynamic functions of petrovskaite (AgAuS) at 0â€“583 K and mineral equilibria in the Ag-Au-S system. Geochemistry International, 2011, 49, 422-428.	0.2	6
32	Phase transformations in sodium molybdate studied by differential scanning calorimetry. Russian Journal of Inorganic Chemistry, 2012, 57, 1123-1127.	0.3	6
33	Thermodynamic properties and phase transition of monoclinic terbium orthophosphate. Thermochimica Acta, 2016, 641, 63-70.	1.2	6
34	Phase transitions and thermodynamic properties of lanthanide compounds LnAO4 (A = P, V, Nb). Russian Journal of General Chemistry, 2017, 87, 583-590.	0.3	6
35	Calorimetric study of ytterbium orthovanadate YbVO4 polycrystalline ceramics. Ceramics International, 2018, 44, 18103-18107.	2.3	6
36	Heat Capacity and Thermal Expansion of Neodymium Orthotantalate. Inorganic Materials, 2019, 55, 959-963.	0.2	6

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37	Thermodynamic functions of ScVO4 at temperatures from 0 to 350 K. Inorganic Materials, 2012, 48, 845-850.	0.2	5
38	Heat capacity and thermodynamic functions of SmPO4 at 10â€“1600 K. Geochemistry International, 2015, 53, 607-616.	0.2	5
39	Heat capacity and thermodynamic functions of Gd(VO4)0.5(PO4)0.5 solid solution in the low-temperature region. Russian Journal of Inorganic Chemistry, 2015, 60, 702-708.	0.3	5
40	The heat capacity of LaPO4 and PrPO4 nanowhiskers. Journal of Thermal Analysis and Calorimetry, 2018, 132, 337-342.	2.0	5
41	Thermodynamic functions of holmium orthophosphate HoPO4 in the range 9â€“1370 K. Thermochimica Acta, 2020, 683, 178459.	1.2	5
42	Synthesis, single crystal growth and thermodynamic properties of SrNdAlO4-CaNdAlO4 solid solutions. Crystal Research and Technology, 2005, 40, 405-409.	0.6	4
43	A calorimetric study of the thermodynamic properties of potassium molybdate. Russian Journal of Physical Chemistry A, 2009, 83, 327-333.	0.1	4
44	Synthesis and study of the properties of K2Y1 â^' x â^' y Eu x Tb y (MoO4)(PO4) and K2Y1 â^' x â^' y Eu x Tb y (MoO4)(PO4)1â^'Î´(VO4)Î´ solid solutions. Russian Journal of Inorganic Chemistry, 2011, 56, 1943-1950.	0.3	4
45	Heat capacity and thermodynamic properties of Ba0.7La0.3F2.3 solid solution from 5 to 1000K. Thermochimica Acta, 2013, 558, 1-5.	1.2	4
46	Low-Temperature Heat Capacity of M-Type Terbium Orthotantalate and Schottky Anomaly. Russian Journal of Inorganic Chemistry, 2020, 65, 655-662.	0.3	4
47	Thermodynamic and Magnetic Properties of Praseodymium Stannate. Russian Journal of Inorganic Chemistry, 2020, 65, 1891-1898.	0.3	4
48	Low-temperature heat capacity and high-temperature thermal behavior of sodium lutetium molybdate phosphate Na2Lu(MoO4)(PO4). Russian Journal of Inorganic Chemistry, 2007, 52, 727-732.	0.3	3
49	Heat capacity and thermodynamic functions of cadmium fluoride. Russian Journal of Inorganic Chemistry, 2009, 54, 1445-1450.	0.3	3
50	Thermodynamic properties of tetrabridged binuclear copper complexes with apical substituted pyridine ligands. Thermochimica Acta, 2010, 509, 67-72.	1.2	3
51	Synthesis and study of the heat capacity of orthovanadate TbVO4 in the range 5â€“859 K. Russian Journal of Inorganic Chemistry, 2016, 61, 1-6.	0.3	3
52	Heat capacity and thermodynamic functions of thulium orthophosphate TmPO4 in the range of 10â€“1350 K. Russian Journal of Physical Chemistry A, 2017, 91, 2310-2316.	0.1	3
53	Heat Capacity and Thermodynamic Functions of Neodymium Orthoniobate. Russian Journal of Inorganic Chemistry, 2021, 66, 237-244.	0.3	3
54	Thermodynamic Properties of CaNdAlO4-SrNdAlO4 Solid Solutions. Inorganic Materials, 2005, 41, 850-853.	0.2	2

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55	Low-Temperature Heat Capacities of Terbium Molybdate Phosphates M 2 I Tb(MoO4)(PO4) (MI = Na or K). Russian Journal of Inorganic Chemistry, 2008, 53, 268-274.	0.3	2
56	Synthesis and study of the properties of the solid solutions K2Y1â^'x Tb(Tm) x (MoO4)(PO4) and K2Y1â^'x Tm x (MoO4)(PO4)0.95(VO4)0.05. Russian Chemical Bulletin, 2012, 61, 659-661.	0.4	2
57	Thermodynamic properties of mixed-ligand rare earth pivalates. Thermochimica Acta, 2013, 556, 68-74.	1.2	2
58	Structural and thermodynamic properties of anionically substituted solid solution ceramics Y(VO4)1-(PO4) with zircon structure. Ceramics International, 2020, 46, 2576-2579.	2.3	2
59	Heat Capacity and Thermodynamic Functions of Dysprosium Orthoniobate in the Range 2â€“1300 K. Russian Journal of Inorganic Chemistry, 2020, 65, 688-694.	0.3	2
60	Low-temperature heat capacity of sodium erbium molybdophosphate Na2Er(MoO4)(PO4). Russian Journal of Inorganic Chemistry, 2007, 52, 1607-1611.	0.3	1
61	Low-temperature heat capacity of Li x Ni2 â^' x O2 solid solutions. Inorganic Materials, 2010, 46, 1031-1037.	0.2	1
62	Heat capacity and thermodynamic functions of La(VO4)1â€“x (PO4) x solid solutions at low temperatures. Russian Journal of Inorganic Chemistry, 2017, 62, 77-83.	0.3	1
63	Thermodynamic Properties of M-EuTaO4. Russian Journal of Inorganic Chemistry, 2020, 65, 1873-1878.	0.3	1
64	Phase transitions in the solvate of the heterospin complex Cu(hfac)2 with the nitronyl nitroxide radical. Russian Chemical Bulletin, 2013, 62, 403-407.	0.4	0
65	Low-temperature heat capacity and Schottky anomaly of ErVO4. Russian Journal of Physical Chemistry A, 2017, 91, 727-732.	0.1	0