Sergey I Lopatin

List of Publications by Year
in descending order

171 papers	1,129 citations	516710 16 h-index	677142 22 g-index
174 all docs	174 docs citations	174 times ranked	446 citing authors

#	Article	IF	Citations
1	Synthesis, Vaporization and Thermodynamic Properties of Superfine Nd₂Hf₂O₇ and Gd₂Hf₂O₇. European Journal of Inorganic Chemistry, 2013, 2013, 4636-4644.	2.0	44
2	Synthesis, vaporization and thermodynamics of ceramic powders based on the Y2O3â€“ZrO2â€“HfO2 system. Materials Chemistry and Physics, 2015, 153, 78-87.	4.0	30
3	Gaseous salts of oxygen-containing acids: Thermal stability, structure, and thermodynamic properties. Russian Journal of General Chemistry, 2007, 77, 1823-1854.	0.8	29
4	Thermodynamic properties of the Lu2O3â€“ZrO2 solid solutions by Knudsen effusion mass spectrometry at high temperature. Journal of Chemical Thermodynamics, 2014, 72, 85-88.	2.0	28
5	Vaporization and thermodynamic properties of lanthanum hafnate. Journal of Alloys and Compounds, 2018, 735, 2348-2355.	5.5	28
6	High-temperature thermodynamic properties of the Al2O3-SiO2 system. Inorganic Materials, 2005, 41, 362-369.	0.8	27
7	Mass spectrometric study of thermodynamic properties in the Yb₂O₃â€ZrO₂ system at high temperatures. Rapid Communications in Mass Spectrometry, 2014, 28, 109-114.	1.5	25
8	Mass spectrometric study of thermodynamic properties in the Gd₂O₃â€Y₂O₃ system at high temperatures. Rapid Communications in Mass Spectrometry, 2017, 31, 538-546.	1.5	24
9	Thermodynamic properties of the La₂O₃â€“ZrO₂ system by Knudsen effusion mass spectrometry at high temperature. Rapid Communications in Mass Spectrometry, 2017, 31, 2021-2029.	1.5	24
10	Vaporization and thermodynamic properties of the PbO-V2O5 system. Russian Journal of Inorganic Chemistry, 2006, 51, 1646-1652.	1.3	20
11	Highâ€temperature mass spectrometric study of the vaporization processes and thermodynamic properties in the Gd₂O₃â€Y₂O₃â€HfO₂ system. Rapid Communications in Mass Spectrometry, 2017, 31, 1137-1146.	1.5	18
12	Thermodynamics and vaporization of ceramics based on the Y2O3-ZrO2 system studied by KEMS. Journal of Alloys and Compounds, 2019, 794, 606-614.	5.5	18
13	Thermodynamic study of some chromium-containing gaseous molecules by high-temperature mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 112-116.	1.5	17
14	Synthesis, vaporization, and thermodynamics of ultrafine Nd2Hf2O7 powders. Russian Journal of Inorganic Chemistry, 2013, 58, 1-8.	1.3	17
15	High-temperature mass spectrometric study of the vaporization processes of V2 O3 and vanadium-containing slags. Rapid Communications in Mass Spectrometry, 2010, 24, 2420-2430.	1.5	16
16	Mass-spectrometric study of vaporization of high refractory ceramics. Doklady Physical Chemistry, 2015, 463, 150-153.	0.9	16
17	Vaporization and thermodynamics of ceramics based on the La₂O₃â€Y₂O₃â€HfO₂ system studied by the highâ€temperature mass spectrometric method. Rapid Communications in Mass Spectrometry, 2018, 32, 686-694.	1.5	16
18	Gaseous Vanadium Molybdate and Tungstates: Thermodynamic Properties and Structures. Inorganic Chemistry, 2012, 51, 4918-4924.	4.0	15

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19	Thermodynamic properties of silicate glasses and melts: I. System BaO-SiO2. Russian Journal of General Chemistry, 2006, 76, 1522-1530.	0.8	14
20	Vaporization and thermodynamics of ceramics in the Y₂O₃â€ZrO₂â€HfO₂ system. Rapid Communications in Mass Spectrometry, 2019, 33, 1537-1546.	1.5	14
21	Vaporization and thermodynamics of ceramics in the Sm 2 O 3 â€Y 2 O 3 â€HfO 2 system. Rapid Communications in Mass Spectrometry, 2020, 34, e8693.	1.5	14
22	Title is missing!. Russian Journal of General Chemistry, 2003, 73, 169-175.	0.8	13
23	Determination of the saturation vapor pressure of silicon by Knudsen cell mass spectrometry. Russian Journal of Inorganic Chemistry, 2012, 57, 219-225.	1.3	13
24	Highâ€temperature mass spectrometric study and modeling of thermodynamic properties of binary glassâ€forming systems containing Bi₂O₃. Rapid Communications in Mass Spectrometry, 2014, 28, 801-810.	1.5	13
25	Ceramics based on the Sm2O3â€“Y2O3 and Sm2O3â€“HfO2 systems at high temperatures: Thermodynamics and modeling. Materials Chemistry and Physics, 2020, 252, 123240.	4.0	13
26	THERMODYNAMIC STUDY OF GASEOUS MANGANESE PHOSPHATES MnPO3 and MnPO2. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 2091-2098.	1.6	12
27	Highâ€temperature mass spectrometric study of the vaporization processes in the system CaOâ€MgOâ€Al₂O₃â€Cr₂O₃â€FeOâ€SiO₂. Rapid Communications in Mass Spectrometry, 2009, 23, 2233-2239.	1.5	12
28	Highâ€temperature mass spectrometric study of the vaporization processes and thermodynamic properties of samples in the Bi₂O₃â€P₂O₅â€SiO₂ system. Rapid Communications in Mass Spectrometry, 2017, 31, 111-120.	1.5	12
29	Thermodynamic description of the Gd2O3-Y2O3-HfO2 and La2O3-Y2O3-HfO2 systems at high temperatures. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 65, 165-170.	1.6	12
30	Thermodynamics of gaseous cobaltates CaCoO2, SrCoO2 and BaCoO2. Journal of Chemical Thermodynamics, 2005, 37, 715-719.	2.0	11
31	Thermodynamic properties of the gaseous barium silicates BaSiO2 and BaSiO3. Journal of Chemical Thermodynamics, 2006, 38, 1706-1710.	2.0	11
32	Vaporization features of CeO2ZrO2 solid solutions at high temperature. Journal of Alloys and Compounds, 2019, 776, 194-201.	5.5	11
33	Ti3O5 and V2O3 Vaporization. Glass Physics and Chemistry, 2021, 47, 38-41.	0.7	11
34	Application of the Sanderson Method to the Calculation of Bonding Energies in Oxide Glass-Forming Systems. Glass Physics and Chemistry, 2003, 29, 517-521.	0.7	10
35	Thermodynamic properties of silicate glasses and melts: II. System SrO-SiO2. Russian Journal of General Chemistry, 2006, 76, 1878-1884.	0.8	10
36	Thermodynamic Properties of the Gaseous Gallium Molybdates and Tungstates. Journal of Physical Chemistry A, 2009, 113, 13469-13474.	2.5	10

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37	Stability and structures of gaseous In2MoO4, In2WO4 and In2W2O7. Dalton Transactions, 2013, 42, 8339.	3.3	10
38	Mass spectrometric study of thermodynamic properties of BaO-CeO2. The formation enthalpy of BaCeO3 (solid). Journal of Alloys and Compounds, 2017, 693, 1028-1034.	5.5	10
39	Optimization of the Thermodynamic Properties of the Sm2O3â€“Y2O3â€“HfO2 System at High Temperatures by the Barker Method. Russian Journal of Inorganic Chemistry, 2020, 65, 773-780.	1.3	10
40	A mass spectrometric study of the vaporization of boron phosphate (BPO4). , 1999, 13, 1398-1400.		9
41	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 1522-1526.	0.8	9
42	Mass spectrometric study of the vaporization and thermodynamic properties of components in the BaO-TiO2-SiO2 system. Glass Physics and Chemistry, 2005, 31, 132-137.	0.7	9
43	Thermodynamic properties of silicate glasses and melts: VII. System MgO-B2O3-SiO2. Russian Journal of General Chemistry, 2010, 80, 2405-2413.	0.8	9
44	Thermodynamic study of gaseous vanadium phosphates by highâ€temperature mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 3464-3468.	1.5	9
45	Thermodynamics of gaseous barium cerate studied by Knudsen effusion mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2027-2032.	1.5	9
46	Thermodynamic properties of the La2O3-HfO2 system at high temperatures. Thermochimica Acta, 2018, 668, 87-95.	2.7	9
47	Thermal Stability of Aluminum Oxocarbides. Russian Journal of General Chemistry, 2004, 74, 989-992.	0.8	8
48	Mass spectrometric study of evaporation of alumina in the presence of carbon. Doklady Chemistry, 2004, 399, 257-260.	0.9	8
49	Gaseous Associates over Oxide Materials. Inorganic Materials, 2005, 41, 1340-1344.	0.8	8
50	Thermodynamic properties and structure of gaseous BMoO₄. Dalton Transactions, 2013, 42, 1210-1214.	3.3	8
51	Gaseous titanium molybdates and tungstates: Thermodynamic properties and structures. Rapid Communications in Mass Spectrometry, 2014, 28, 2636-2644.	1.5	8
52	Samarium Oxide at High Temperatures: Sublimation and Thermodynamics. Russian Journal of General Chemistry, 2020, 90, 874-876.	0.8	8
53	A Study of Evaporation in the TiO2-Nb2O5 Oxide System by High-Temperature Mass-Spectrometry. Russian Journal of Applied Chemistry, 2001, 74, 901-906.	0.5	7
54	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 1342-1346.	0.8	7

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55	Thermodynamic Properties of the MgOâ€“SiO2System by High-Temperature Mass Spectrometry. Doklady Physical Chemistry, 2004, 399, 275-277.	0.9	7
56	Mass Spectrometric Study of the Thermodynamic Properties of Melts in the Cs2O-B2O3 System. Glass Physics and Chemistry, 2005, 31, 789-796.	0.7	7
57	Phase equilibria and thermodynamic properties of components in the Cs2O-B2O3-SiO2 system at high temperatures. Glass Physics and Chemistry, 2006, 32, 55-62.	0.7	7
58	Highâ€temperature mass spectrometric determinations of relative ionization crossâ€sections of gaseous TiO, TiO₂, VO, VO₂, YO, HfO and GeO molecules. Rapid Communications in Mass Spectrometry, 2013, 27, 2338-2342.	1.5	7
59	Thermal stability and structures of gaseous GeB2O4 and GeMo2O7. RSC Advances, 2014, 4, 39725-39731.	3.6	7
60	Thermodynamic properties of silicate glasses and melts: IX. Bi2O3-SiO2 system. Russian Journal of General Chemistry, 2014, 84, 419-423.	0.8	7
61	Evaluation of relative electron ionization crossâ€sections for some oxides and oxyacid salts. Rapid Communications in Mass Spectrometry, 2017, 31, 1559-1564.	1.5	7
62	Synthesis, vaporization and thermodynamic properties of superfine yttrium aluminum garnet. Journal of Alloys and Compounds, 2018, 764, 397-405.	5.5	7
63	Thermal prehistory, structure and high-temperature thermodynamic properties of Y2O3-CeO2 and Y2O3-ZrO2-CeO2 solid solutions. Ceramics International, 2021, 47, 11072-11079.	4.8	7
64	Thermochemical Study of Salts of Oxygen-containing Acids in the Gas Phase: VI. Barium Metaborates. Russian Journal of General Chemistry, 2001, 71, 61-66.	0.8	6
65	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 828-832.	0.8	6
66	Regularities of the Vaporization of Oxygen-Containing Acid Salts. Glass Physics and Chemistry, 2003, 29, 390-396.	0.7	6
67	Thermochemical Study of Gaseous Salts of Oxygen-containing Acids: XIV. Barium and Chromium Phosphates. Russian Journal of General Chemistry, 2003, 73, 1866-1869.	0.8	6
68	Vaporization of aluminum oxide in neutral and reductive conditions. Russian Journal of General Chemistry, 2006, 76, 1693-1697.	0.8	6
69	Thermodynamic properties and structure of gaseous metaborates. Glass Physics and Chemistry, 2006, 32, 353-369.	0.7	6
70	Thermodynamic Properties of silicate glasses and melts: VIII. System MgO-Al2O3-SiO2. Russian Journal of General Chemistry, 2011, 81, 2051-2061.	0.8	6
71	Thermochemical study of gaseous salts of oxygen-containing acids: XIX. Tin salts. Russian Journal of General Chemistry, 2015, 85, 1351-1369.	0.8	6
72	Thermodynamic properties of the gaseous lead phosphates. Journal of Chemical Thermodynamics, 2016, 101, 337-342.	2.0	6

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73	Thermodynamic properties of the Gd2O3-Y2O3-HfO2 system studied by high temperature Knudsen effusion mass spectrometry and optimized using the Barker lattice theory. Journal of Alloys and Compounds, 2019, 791, 1207-1212.	5.5	6
74	Mass Spectrometric Study of Stability, Thermochemistry and Structures of the Gaseous Oxyacid Salts. The Open Thermodynamics Journal, 2013, 7, 35-56.	0.6	6
75	Investigation into the vaporization of Al2O3 in the presence of carbon at high temperatures. Glass Physics and Chemistry, 2006, 32, 191-195.	0.7	5
76	Thermodynamic properties of silicate glasses and melts: VI. System SrO-B2O3-SiO2. Russian Journal of General Chemistry, 2009, 79, 1778-1784.	0.8	5
77	Thermodynamic properties of the system MgO-B2O3 melts. Russian Journal of General Chemistry, 2010, 80, 689-694.	0.8	5
78	Reactions of niobium silicide melt with refractory ceramics. Russian Journal of General Chemistry, 2016, 86, 2105-2108.	0.8	5
79	Thermodynamics and vaporization of the Sm2O3â€"ZrO2 system studied by Knudsen effusion mass spectrometry. Journal of Physics and Chemistry of Solids, 2021, 156, 110156.	4.0	5
80	Vaporization and Thermodynamic Properties of the NbO2â€"TiO2 System. Glass Physics and Chemistry, 2022, 48, 117-122.	0.7	5
81	MASS SPECTROMETRIC STUDY OF THE VAPORIZATION OF GALLIUM PHOSPHATES. Phosphorus Research Bulletin, 1999, 10, 199-202.	0.6	4
82	Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XVI. Iron(II) Salts. Russian Journal of General Chemistry, 2005, 75, 325-331.	0.8	4
83	Thermochemical Study of Gaseous Salts of Oxygen-containing Acids: XVIII. Cobalt(II) Salts. Russian Journal of General Chemistry, 2005, 75, 1186-1192.	0.8	4
84	Thermodynamic properties of gaseous barium silicates. Doklady Physical Chemistry, 2006, 407, 85-87.	0.9	4
85	A mass spectrometric study of evaporation processes and thermodynamic properties of SrO-SiO2 melts. Doklady Physical Chemistry, 2006, 411, 309-311.	0.9	4
86	Thermodynamic properties of silicate glasses and melts: V. Systems CaB2O4-CaSiO3 and Ca2B2O5-CaSiO3. Russian Journal of General Chemistry, 2008, 78, 1877-1881.	0.8	4
87	Thermochemical study of gaseous salts of oxygen-containing acids: XXIV. Polymers of alkali metals perrenates. Russian Journal of General Chemistry, 2008, 78, 1882-1888.	0.8	4
88	Thermochemical study of gaseous salts of oxygen-containing acids: XXVII. Antimonites of alkali metals. Russian Journal of General Chemistry, 2011, 81, 1411-1416.	0.8	4
89	Thermal stability and features of the synthesis of mixed ceramic oxides La2â^'x Sr x CoO4. Russian Journal of General Chemistry, 2013, 83, 1035-1038.	0.8	4
90	Thermodynamic study of gaseous tin molybdates by highâ€temperature mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 1427-1436.	1.5	4

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91	Magnetic study of interatomic interactions, synthesis, structural and mass spectroscopy investigations of lanthanum gallate doped with cobalt and magnesium. Journal of Alloys and Compounds, 2015, 624, 53-59.	5.5	4
92	Thermochemical study of gaseous salts of oxygen-containing acids: XXI. Zinc phosphate. Russian Journal of General Chemistry, 2016, 86, 778-784.	0.8	4
93	Mass spectrometric study of ceramics in the Sm₂O₃â€ZrO₂â€HfO₂ system at high temperatures. Rapid Communications in Mass Spectrometry, 2021, 35, e9066.	1.5	4
94	The hafnia-based ceramics containing lanthana or samaria: mass spectrometric study and calculation of the thermodynamic properties at high temperatures. Materials Today Communications, 2021, 29, 102952.	1.9	4
95	Evaporation and Thermodynamic Properties of the CeO2â€“TiO2â€“ZrO2 System. Russian Journal of General Chemistry, 2021, 91, 2008-2012.	0.8	4
96	Vaporization and thermodynamic properties of the SrOâ€Al₂O₃ system studied by Knudsen effusion mass spectrometry. Rapid Communications in Mass Spectrometry, 2022, 36, e9298.	1.5	4
97	Regularities of Vaporization of Periodic Table Group IVA Element Phosphates. Glass Physics and Chemistry, 2001, 27, 16-21.	0.7	3
98	Mass Spectrometric Study of the Thermodynamic Properties of Melts in the Rb2Oâ€“B2O3System. Glass Physics and Chemistry, 2004, 30, 151-156.	0.7	3
99	Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XV. Manganese Molybdates and Tungstates. Russian Journal of General Chemistry, 2004, 74, 983-988.	0.8	3
100	Mass spectrometric study of the Al2O3-SiO2 System. Doklady Physical Chemistry, 2004, 399, 302-304.	0.9	3
101	Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XVII. Magnesium Salts. Russian Journal of General Chemistry, 2005, 75, 999-1004.	0.8	3
102	Mass spectrometric study of evaporation processes and thermodynamic properties of BaO-SiO2 melts. Doklady Physical Chemistry, 2006, 409, 186-187.	0.9	3
103	Thermodynamic properties of gaseous strontium silicates. Doklady Physical Chemistry, 2006, 411, 315-316.	0.9	3
104	Thermochemical study of gaseous salts of oxygen-containing acids: XX. Phosphates of beryllium and beryllates of alkaline-earth metals. Russian Journal of General Chemistry, 2006, 76, 871-874.	0.8	3
105	Thermodynamic properties of melts of SrO-B2O3 and BaO-B2O3 systems. Russian Journal of General Chemistry, 2006, 76, 1687-1692.	0.8	3
106	Role of solid- and gas-phase interactions in the coaction of the oxides in MnO2 + PbO and MnO2 + V2O5 compositions activating the thermal oxidation of GaAs. Russian Journal of Inorganic Chemistry, 2007, 52, 1498-1502.	1.3	3
107	Thermodynamic properties of silicate glasses and melts: III. System Rb2O-B2O3-SiO2. Russian Journal of General Chemistry, 2007, 77, 997-1001.	0.8	3
108	Thermochemical study of gaseous salts of oxygen-containing acids: XXII. Tin molybdates. Russian Journal of General Chemistry, 2008, 78, 847-853.	0.8	3

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109	Thermodynamic properties of melts of the system CaO-B2O3. Russian Journal of General Chemistry, 2008, 78, 1139-1145.	0.8	3
110	Thermodynamics of gaseous calcium silicates. Doklady Physical Chemistry, 2008, 418, 5-6.	0.9	3
111	Highâ€temperature mass spectrometric study of the vaporization processes and thermodynamic properties of melts in the PbOâ€B₂O₃â€SiO₂ system. Rapid Communications in Mass Spectrometry, 2013, 27, 1559-1566.	1.5	3
112	Thermochemical study of gaseous salts of oxygen-containing acids: XX. Germanium salts. Russian Journal of General Chemistry, 2015, 85, 1588-1598.	0.8	3
113	Highâ€temperature mass spectrometric study of vaporization and thermodynamics of the Cs₂Oâ€B₂O₃ system: Review and experimental investigation. Rapid Communications in Mass Spectrometry, 2021, 35, e9079.	1.5	3
114	Vaporization and thermodynamics of the Cs 2 Oâ€“MoO 3 system studied using highâ€temperature mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e9097.	1.5	3
115	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 1220-1224.	0.8	2
116	Thermodynamics of Gaseous Barium Chromates. Doklady Physical Chemistry, 2002, 386, 255-256.	0.9	2
117	Thermochemical Study of Gaseous Salts of Oxygen-containing Acids: XII. Alkali Metal Selenates. Russian Journal of General Chemistry, 2002, 72, 1857-1861.	0.8	2
118	Title is missing!. Glass Physics and Chemistry, 2003, 29, 451-455.	0.7	2
119	A Study of Evaporation of Complex Oxide Systems Based on Chromium(III) Oxide. Russian Journal of Applied Chemistry, 2003, 76, 1564-1567.	0.5	2
120	Gaseous Manganese Molybdates and Tungstates. Doklady Physical Chemistry, 2004, 395, 80-83.	0.9	2
121	Thermodynamic Properties of Gaseous Strontium and Barium Ferrates. Doklady Physical Chemistry, 2004, 397, 158-160.	0.9	2
122	Thermodynamic properties of gaseous salts formed by Nickel(II) oxide. Doklady Physical Chemistry, 2006, 406, 27-29.	0.9	2
123	Thermochemical study of gaseous salts of oxygen-containing acids: XIX. Nickel(II) salts. Russian Journal of General Chemistry, 2006, 76, 340-345.	0.8	2
124	Mass spectrometric investigation of the vaporization and thermodynamic properties of components in the BaO-SiO2 system. Glass Physics and Chemistry, 2006, 32, 533-542.	0.7	2
125	Mass spectrometric investigation of the thermodynamic properties of glass melts in the Cs2O-B2O3-SiO2 system at high temperatures. Glass Physics and Chemistry, 2006, 32, 543-549.	0.7	2
126	The thermodynamic properties of gaseous salts formed by some 3d metal oxides. Russian Journal of Physical Chemistry A, 2006, 80, 1749-1753.	0.6	2

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127	Thermochemical study of gaseous salts of oxygen-containing acids: XXI. Polymers of lithium, potassium, and cesium phosphates. Russian Journal of General Chemistry, 2007, 77, 1487-1493.	0.8	2
128	Thermochemical study of gaseous salts of oxygen-containing acids: XXIII. Molecules MnB2O4, MnNbO2, MnNbO3 and MnTiO3. Russian Journal of General Chemistry, 2008, 78, 854-859.	0.8	2
129	Oligophenyl(fluoro)siloxanes. Russian Journal of General Chemistry, 2008, 78, 1635-1637.	0.8	2
130	Thermochemical study of gaseous salts of oxygen-containing acids: XXVI. Iodates of alkali metals. Russian Journal of General Chemistry, 2010, 80, 875-880.	0.8	2
131	Thermochemical study of gaseous salts of oxygen-containing acids: XXVIII. Gallium borates. Russian Journal of General Chemistry, 2011, 81, 2045-2050.	0.8	2
132	Thermodynamic functions of mixing the melts in the Ga-Pb system. Russian Journal of General Chemistry, 2013, 83, 26-31.	0.8	2
133	Formation and thermodynamics of gaseous germanium and tin vanadates: a mass spectrometric and quantum chemical study. Dalton Transactions, 2015, 44, 10014-10021.	3.3	2
134	Thermochemical study of gaseous salts of oxygen-containing acids: XXII.1 Lead salts. Russian Journal of General Chemistry, 2016, 86, 2243-2255.	0.8	2
135	Mass spectrometric study of thermodynamic properties of gaseous lead tellurates. Estimation of formation enthalpies of gaseous lead polonates. Journal of Nuclear Materials, 2016, 479, 271-278.	2.7	2
136	Thermodynamic properties of gaseous cerium molybdates and tungstates studied by Knudsen effusion mass spectrometry. Rapid Communications in Mass Spectrometry, 2018, 32, 1608-1616.	1.5	2
137	Thermochemical study of gaseous indiumâ€“arsenic sulfosalt. Rapid Communications in Mass Spectrometry, 2019, 33, 1826-1833.	1.5	2
138	Inorganic Associates in a High-Temperature Vapor. Russian Journal of General Chemistry, 2019, 89, 1059-1068.	0.8	2
139	Vaporization and Thermodynamic Properties of GdFeO3 and GdCoO3 Complex Oxides. Russian Journal of General Chemistry, 2020, 90, 1495-1500.	0.8	2
140	Simultaneous thermal analysis of samples in the Bi2O3-P2O5-SiO2 system: Comparison with the KEMS data. Thermochimica Acta, 2020, 685, 178531.	2.7	2
141	Highâ€temperature mass spectrometric study of the thermodynamic properties in the Sm₂O₃â€ZrO₂â€HfO₂ system. Rapid Communications in Mass Spectrometry, 2022, 36, e9238.	1.5	2
142	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 1347-1350.	0.8	1
143	Thermodynamics of Gaseous Manganese Tungstates. Glass Physics and Chemistry, 2003, 29, 397-400.	0.7	1
144	Thermodynamic Properties of Gaseous Iron(II) Salts. Doklady Physical Chemistry, 2004, 398, 208-210.	0.9	1

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145	Mass spectrometric study of the Al2O3-SiO2 System. Doklady Physical Chemistry, 2004, 399, 302-304.	0.9	1
146	Unusual transformations of difluorosilanone F2Si=O. Russian Journal of General Chemistry, 2009, 79, 215-220.	0.8	1
147	Thermochemical study of gaseous salts of oxygen-containing acids: XXV. Magnesium borates. Russian Journal of General Chemistry, 2010, 80, 379-384.	0.8	1
148	Vapor formation and thermodynamic properties of the gallium-lead system melts. Russian Journal of General Chemistry, 2011, 81, 27-32.	0.8	1
149	Mass-spectrometric examination of vaporization of sodium nitrite and sodium and potassium nitrates. Russian Journal of Applied Chemistry, 2011, 84, 184-189.	0.5	1
150	Thermodynamic properties and phase equilibria in the system MgO-Al2O3-SiO2 at high temperatures. Russian Chemical Bulletin, 2012, 61, 809-812.	1.5	1
151	Determination of cobalt oxide activity in the La2O3-SrO-CoO system using high-temperature mass spectrometry. Glass Physics and Chemistry, 2014, 40, 329-332.	0.7	1
152	Mass spectrometric study of thermodynamic properties of gaseous tin borates SnB2O4 and Sn2B2O5. International Journal of Mass Spectrometry, 2015, 392, 69-72.	1.5	1
153	Gaseous complex sulfides. Russian Journal of General Chemistry, 2016, 86, 1191-1192.	0.8	1
154	Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XXIII. Lead Antimonates. Russian Journal of General Chemistry, 2020, 90, 323-328.	0.8	1
155	Vapor pressures and thermodynamic properties of simple and complex iodides. Thermochimica Acta, 2021, 703, 178996.	2.7	1
156	High Temperature Mass Spectrometric Study of the TiO2â€"Al2O3 System. Russian Journal of General Chemistry, 2021, 91, 1999-2007.	0.8	1
157	Evaporation of Sulfur-Lean Melts of the System Cu-Ni-S. Russian Journal of Applied Chemistry, 2001, 74, 172-174.	0.5	0
158	Thermodynamic Study of Gaseous Manganese Phosphates MnPO3 and MnPO2.. ChemInform, 2004, 35, no.	0.0	0
159	Thermodynamic properties of gaseous salts formed by cobalt(II) oxide. Doklady Physical Chemistry, 2005, 401, 41-43.	0.9	0
160	GaAs thermal oxidation with participation of spatially separated activator oxides (MnO + PbO and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	0
161	Thermodynamic Properties of Gaseous Alkali Metal Vanadates Monomers and Dimers by High Temperature Mass Spectrometry. ECS Transactions, 2013, 46, 211-216.	0.5	0
162	High Temperature Mass Spectrometric Study of the Gaseous Gallium Oxyacid Salts. ECS Transactions, 2013, 46, 217-221.	0.5	0

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163	Mass spectrometric control of high-temperature synthesis of the system SrO-Mn2O3-Al2O3-Sb2O5. Russian Journal of General Chemistry, 2014, 84, 960-961.	0.8	0
164	Synthesis of films in the system Gaâ€“Pb with precision control over quantitative composition. Russian Journal of General Chemistry, 2015, 85, 2242-2251.	0.8	0
165	Thermodynamic Properties of NaNO3-KNO3 Melts. Russian Journal of General Chemistry, 2019, 89, 470-474.	0.8	0
166	Thermodynamic properties of gaseous cerium phosphate studied by Knudsen effusion mass spectrometry. Journal of Mass Spectrometry, 2019, 54, 507-519.	1.6	0
167	Thermodynamic properties of gaseous BaSnO 2 and Ba 2 O 2 studied by Knudsen effusion mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8716.	1.5	0
168	10.1007/s11176-008-1003-4. , 2010, 78, 14.		0
169	10.1007/s11176-008-1001-6. , 2010, 78, 1.		0
170	Mass spectrometric study and modeling of the thermodynamic properties in the Gd₂O₃â€ZrO₂â€HfO₂ system at high temperatures. Rapid Communications in Mass Spectrometry, 2022, 36, e9306.	1.5	0
171	Thermodynamics and vaporization of ceramics based on the Gd2O3-ZrO2 and Gd2O3-HfO2 systems studied by KEMS. Journal of Alloys and Compounds, 2022, 908, 164575.	5.5	0