

Valentina L Stolyarova

List of Publications by Year in descending order

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516561

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#	ARTICLE	IF	CITATIONS
1	High-temperature mass spectrometric study of the thermodynamic properties in the $\text{Sm}_2\text{O}_3\text{-ZrO}_2\text{-HfO}_2$ system. Rapid Communications in Mass Spectrometry, 2022, 36, e9238.	0.7	2
2	Mass spectrometric study and modeling of the thermodynamic properties in the $\text{Gd}_2\text{O}_3\text{-ZrO}_2\text{-HfO}_2$ system at high temperatures. Rapid Communications in Mass Spectrometry, 2022, 36, e9306.	0.7	0
3	Thermodynamics and vaporization of ceramics based on the $\text{Gd}_2\text{O}_3\text{-ZrO}_2$ and $\text{Gd}_2\text{O}_3\text{-HfO}_2$ systems studied by KEMS. Journal of Alloys and Compounds, 2022, 908, 164575.	2.8	0
4	Mass spectrometric study of ceramics in the $\text{Sm}_2\text{O}_3\text{-ZrO}_2\text{-HfO}_2$ system at high temperatures. Rapid Communications in Mass Spectrometry, 2021, 35, e9066.	0.7	4
5	High-temperature mass spectrometric study of vaporization and thermodynamics of the $\text{Cs}_2\text{O-B}_2\text{O}_3$ system: Review and experimental investigation. Rapid Communications in Mass Spectrometry, 2021, 35, e9079.	0.7	3
6	Vaporization and thermodynamics of the $\text{Cs}_2\text{O-MoO}_3$ system studied using high-temperature mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e9097.	0.7	3
7	Physicochemical Properties of $\text{Sm}_2\text{O}_3\text{-ZrO}_2\text{-HfO}_2$ Ceramics for the Development of Promising Thermal Barrier Coatings. Russian Journal of Inorganic Chemistry, 2021, 66, 789-797.	0.3	7
8	Samarium zirconate: Thermodynamics and vaporization at high temperatures. Materials Today Communications, 2021, 27, 102200.	0.9	2
9	The Ti_3SiC_2 max phases as promising materials for high temperature applications: Formation under various synthesis conditions. Materials Chemistry and Physics, 2021, 267, 124625.	2.0	41
10	Thermodynamics and vaporization of the $\text{Sm}_2\text{O}_3\text{-ZrO}_2$ system studied by Knudsen effusion mass spectrometry. Journal of Physics and Chemistry of Solids, 2021, 156, 110156.	1.9	5
11	High-temperature behavior of oxide systems containing rare-earth elements. Chemical Engineering, 2021, 22, 123-133.	0.1	0
12	High Temperature Mass Spectrometric Study of the $\text{TiO}_2\text{-Al}_2\text{O}_3$ System. Russian Journal of General Chemistry, 2021, 91, 1999-2007.	0.3	1
13	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.	0.9	4
14	Vaporization and thermodynamics of ceramics in the $\text{Sm}_2\text{O}_3\text{-Y}_2\text{O}_3\text{-HfO}_2$ system. Rapid Communications in Mass Spectrometry, 2020, 34, e8693.	0.7	14
15	On the Glass Structure of the $\text{Bi}_2\text{O}_3\text{-SiO}_2\text{-GeO}_2$ System. Glass Physics and Chemistry, 2020, 46, 234-241.	0.2	0
16	Investigation of the Physicochemical Properties of Ceramics in the $\text{Sm}_2\text{O}_3\text{-Y}_2\text{O}_3\text{-HfO}_2$ System for Developing Promising Thermal Barrier Coatings. Russian Journal of Inorganic Chemistry, 2020, 65, 914-923.	0.3	10
17	High Temperature Study of Oxide Systems: Thermal Analysis and Knudsen Effusion Mass Spectrometry. Russian Journal of Physical Chemistry A, 2020, 94, 2640-2647.	0.1	5
18	High-temperature mass spectrometric study of thermodynamic properties in the $\text{UO}_2\text{-ZrO}_2$ system. Rapid Communications in Mass Spectrometry, 2020, 34, e8862.	0.7	2

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19	Optimization of the Thermodynamic Properties of the Sm ₂ O ₃ -Y ₂ O ₃ -HfO ₂ System at High Temperatures by the Barker Method. Russian Journal of Inorganic Chemistry, 2020, 65, 773-780.	0.3	10
20	Ceramics based on the Sm ₂ O ₃ -Y ₂ O ₃ and Sm ₂ O ₃ -HfO ₂ systems at high temperatures: Thermodynamics and modeling. Materials Chemistry and Physics, 2020, 252, 123240.	2.0	13
21	Samarium Oxide at High Temperatures: Sublimation and Thermodynamics. Russian Journal of General Chemistry, 2020, 90, 874-876.	0.3	8
22	Simultaneous thermal analysis of samples in the Bi ₂ O ₃ -P ₂ O ₅ -SiO ₂ system: Comparison with the KEMS data. Thermochimica Acta, 2020, 685, 178531.	1.2	2
23	Thermodynamic approach for prediction of oxide materials properties at high temperatures. Pure and Applied Chemistry, 2020, 92, 1259-1264.	0.9	3
24	Thermodynamic properties of lanthanum, neodymium, gadolinium hafnates (Ln ₂ Hf ₂ O ₇): Calorimetric and KEMS studies. Journal of Materials Research, 2019, 34, 3326-3336.	1.2	6
25	Production of Ceramics Based on the Y ₂ O ₃ -ZrO ₂ -HfO ₂ System for Casting Molds. Russian Journal of Inorganic Chemistry, 2019, 64, 934-940.	0.3	7
26	Vaporization and thermodynamics of ceramics in the Y ₂ O ₃ -ZrO ₂ -HfO ₂ system. Rapid Communications in Mass Spectrometry, 2019, 33, 1537-1546.	0.7	14
27	Thermodynamics and vaporization of ceramics based on the Y ₂ O ₃ -ZrO ₂ system studied by KEMS. Journal of Alloys and Compounds, 2019, 794, 606-614.	2.8	18
28	Features of Thermodynamic Description of Properties of Gd ₂ O ₃ -Y ₂ O ₃ -HfO ₂ Based Ceramics. Russian Journal of General Chemistry, 2019, 89, 475-479.	0.3	9
29	Thermodynamic properties of the Gd ₂ O ₃ -Y ₂ O ₃ -HfO ₂ 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.	2.8	6
30	Thermodynamic description of the Gd ₂ O ₃ -Y ₂ O ₃ -HfO ₂ and La ₂ O ₃ -Y ₂ O ₃ -HfO ₂ systems at high temperatures. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 65, 165-170.	0.7	12
31	Review KEMS 2012 till 2017. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 64, 258-266.	0.7	10
32	The viscosity of Bi ₂ O ₃ -B ₂ O ₃ -SiO ₂ glasses and melts. Glass Technology: European Journal of Glass Science and Technology Part A, 2019, 60, 105-110.	0.2	3
33	Vaporization and thermodynamics of ceramics based on the La ₂ O ₃ -Y ₂ O ₃ -HfO ₂ system studied by the high-temperature mass spectrometric method. Rapid Communications in Mass Spectrometry, 2018, 32, 686-694.	0.7	16
34	Vaporization and thermodynamic properties of lanthanum hafnate. Journal of Alloys and Compounds, 2018, 735, 2348-2355.	2.8	28
35	Thermodynamic properties of the La ₂ O ₃ -HfO ₂ system at high temperatures. Thermochimica Acta, 2018, 668, 87-95.	1.2	9
36	Synthesis, vaporization and thermodynamic properties of superfine yttrium aluminum garnet. Journal of Alloys and Compounds, 2018, 764, 397-405.	2.8	7

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37	High-temperature mass spectrometric study of the vaporization processes and thermodynamic properties in the Gd_2O_3 - Y_2O_3 - HfO_2 system. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1137-1146.	0.7	18
38	Mass spectrometric study of thermodynamic properties in the Gd_2O_3 - Y_2O_3 system at high temperatures. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 538-546.	0.7	24
39	High-temperature mass spectrometric study of the vaporization processes and thermodynamic properties of samples in the Bi_2O_3 - P_2O_5 - SiO_2 system. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 111-120.	0.7	12
40	Vaporization and thermodynamics of glasses and glass-forming melts in ternary oxide systems. <i>Applied Solid State Chemistry</i> , 2017, 1, 26-30.	0.1	3
41	Design and physicochemical studies of advanced materials at the Saint Petersburg State University. <i>Russian Chemical Reviews</i> , 2016, 85, E01-E01.	2.5	0
42	Reactions of niobium silicide melt with refractory ceramics. <i>Russian Journal of General Chemistry</i> , 2016, 86, 2105-2108.	0.3	5
43	Mass spectrometric thermodynamic studies of oxide systems and materials. <i>Russian Chemical Reviews</i> , 2016, 85, 60-80.	2.5	23
44	Mass-spectrometric study of vaporization of high refractory ceramics. <i>Doklady Physical Chemistry</i> , 2015, 463, 150-153.	0.2	16
45	Synthesis, vaporization and thermodynamics of ceramic powders based on the Y_2O_3 - ZrO_2 - HfO_2 system. <i>Materials Chemistry and Physics</i> , 2015, 153, 78-87.	2.0	30
46	Studies of glass structure in the system Bi_2O_3 - B_2O_3 - SiO_2 . <i>Glass Physics and Chemistry</i> , 2015, 41, 247-253.	0.2	5
47	Mass spectrometric study of thermodynamic properties in the Yb_2O_3 - ZrO_2 system at high temperatures. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 109-114.	0.7	25
48	Thermodynamic properties of silicate glasses and melts: IX. Bi_2O_3 - SiO_2 system. <i>Russian Journal of General Chemistry</i> , 2014, 84, 419-423.	0.3	7
49	High-temperature mass spectrometric study and modeling of thermodynamic properties of binary glass-forming systems containing Bi_2O_3 . <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 801-810.	0.7	13
50	On the structure of glass of the PbO - B_2O_3 - SiO_2 and CdO - SiO_2 - B_2O_3 systems. <i>Glass Physics and Chemistry</i> , 2013, 39, 624-633.	0.2	7
51	High-temperature mass spectrometric study of the vaporization processes and thermodynamic properties of melts in the PbO - B_2O_3 - SiO_2 system. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1559-1566.	0.7	3
52	Application of the Barker lattice theory to modeling of thermodynamic properties of PbO - B_2O_3 - SiO_2 melts. <i>Journal of Non-Crystalline Solids</i> , 2013, 366, 6-12.	1.5	9
53	Synthesis, vaporization, and thermodynamics of ultrafine $Nd_2Hf_2O_7$ powders. <i>Russian Journal of Inorganic Chemistry</i> , 2013, 58, 1-8.	0.3	17
54	Synthesis, Vaporization and Thermodynamic Properties of Superfine $Nd_2Hf_2O_7$ and $Gd_2Hf_2O_7$. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4636-4644.	1.0	44

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55	Vaporization Processes and Thermodynamic Properties of Oxide Systems Studied by High Temperature Mass Spectrometry. ECS Transactions, 2013, 46, 55-67.	0.3	3
56	High Temperature Mass Spectrometric Study of Thermodynamic Properties and Vaporization Processes of Oxide Systems: Experiment and Modeling. The Open Thermodynamics Journal, 2013, 7, 57-70.	0.6	4
57	Thermodynamic properties and phase equilibria in the system MgO-Al ₂ O ₃ -SiO ₂ at high temperatures. Russian Chemical Bulletin, 2012, 61, 809-812.	0.4	1
58	Determination of the saturation vapor pressure of silicon by Knudsen cell mass spectrometry. Russian Journal of Inorganic Chemistry, 2012, 57, 219-225.	0.3	13
59	Thermodynamic Properties of silicate glasses and melts: VIII. System MgO-Al ₂ O ₃ -SiO ₂ . Russian Journal of General Chemistry, 2011, 81, 2051-2061.	0.3	6
60	Kinetics of early stages of phase separation in glasses of the PbO-B ₂ O ₃ system. Glass Physics and Chemistry, 2011, 37, 252-257.	0.2	6
61	Thermochemical study of gaseous salts of oxygen-containing acids: XXV. Magnesium borates. Russian Journal of General Chemistry, 2010, 80, 379-384.	0.3	1
62	Thermodynamic properties of the system MgO-B ₂ O ₃ melts. Russian Journal of General Chemistry, 2010, 80, 689-694.	0.3	5
63	Thermodynamic properties of silicate glasses and melts: VII. System MgO-B ₂ O ₃ -SiO ₂ . Russian Journal of General Chemistry, 2010, 80, 2405-2413.	0.3	9
64	Simulation of thermodynamic properties of borosilicate melts containing alkaline-earth metal oxides. Russian Journal of General Chemistry, 2010, 80, 2414-2424.	0.3	2
65	On the structure of glasses in the BaO-B ₂ O ₃ -SiO ₂ system. Glass Physics and Chemistry, 2010, 36, 554-560.	0.2	8
66	High-temperature mass spectrometric study of the vaporization processes of V ₂ O ₃ and vanadium-containing slags. Rapid Communications in Mass Spectrometry, 2010, 24, 2420-2430.	0.7	16
67	High-temperature mass spectrometric study of the vaporization processes in the system CaO-MgO-Al ₂ O ₃ -Cr ₂ O ₃ -FeO-SiO ₂ . Rapid Communications in Mass Spectrometry, 2009, 23, 2233-2239.	0.7	12
68	Thermodynamic properties of silicate glasses and melts: VI. System SrO-B ₂ O ₃ -SiO ₂ . Russian Journal of General Chemistry, 2009, 79, 1778-1784.	0.3	5
69	On the fluctuation structure of single-phase glasses in the SrO-B ₂ O ₃ -SiO ₂ system. Glass Physics and Chemistry, 2009, 35, 455-462.	0.2	9
70	Thermodynamic properties of silicate glasses and melts: IV. System BaO-B ₂ O ₃ -SiO ₂ . Russian Journal of General Chemistry, 2008, 78, 14-18.	0.3	3
71	Thermodynamic properties of melts of the system CaO-B ₂ O ₃ . Russian Journal of General Chemistry, 2008, 78, 1139-1145.	0.3	3
72	Thermodynamic properties of silicate glasses and melts: V. Systems CaB ₂ O ₄ -CaSiO ₃ and Ca ₂ B ₂ O ₅ -CaSiO ₃ . Russian Journal of General Chemistry, 2008, 78, 1877-1881.	0.3	4

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73	Thermodynamic properties and structure of ternary silicate glass-forming melts: Experimental studies and modeling. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 1373-1377.	1.5	18
74	Thermodynamic properties of silicate glasses and melts: III. System Rb ₂ O-B ₂ O ₃ -SiO ₂ . <i>Russian Journal of General Chemistry</i> , 2007, 77, 997-1001.	0.3	3
75	Thermodynamic properties of gaseous salts formed by Nickel(II) oxide. <i>Doklady Physical Chemistry</i> , 2006, 406, 27-29.	0.2	2
76	Thermodynamic properties of gaseous barium silicates. <i>Doklady Physical Chemistry</i> , 2006, 407, 85-87.	0.2	4
77	Mass spectrometric study of evaporation processes and thermodynamic properties of BaO-SiO ₂ melts. <i>Doklady Physical Chemistry</i> , 2006, 409, 186-187.	0.2	3
78	A mass spectrometric study of evaporation processes and thermodynamic properties of SrO-SiO ₂ melts. <i>Doklady Physical Chemistry</i> , 2006, 411, 309-311.	0.2	4
79	Thermodynamic properties of gaseous strontium silicates. <i>Doklady Physical Chemistry</i> , 2006, 411, 315-316.	0.2	3
80	Thermodynamic properties of the gaseous barium silicates BaSiO ₂ and BaSiO ₃ . <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 1706-1710.	1.0	11
81	Thermochemical study of gaseous salts of oxygen-containing acids: XIX. Nickel(II) salts. <i>Russian Journal of General Chemistry</i> , 2006, 76, 340-345.	0.3	2
82	Thermodynamic properties of silicate glasses and melts: I. System BaO-SiO ₂ . <i>Russian Journal of General Chemistry</i> , 2006, 76, 1522-1530.	0.3	14
83	Thermodynamic properties of melts of SrO-B ₂ O ₃ and BaO-B ₂ O ₃ systems. <i>Russian Journal of General Chemistry</i> , 2006, 76, 1687-1692.	0.3	3
84	Vaporization of aluminum oxide in neutral and reductive conditions. <i>Russian Journal of General Chemistry</i> , 2006, 76, 1693-1697.	0.3	6
85	Thermodynamic properties of silicate glasses and melts: II. System SrO-SiO ₂ . <i>Russian Journal of General Chemistry</i> , 2006, 76, 1878-1884.	0.3	10
86	Temperature dependences of the viscosity for some glasses in the Cs ₂ O-B ₂ O ₃ -SiO ₂ system. <i>Glass Physics and Chemistry</i> , 2006, 32, 52-54.	0.2	1
87	Phase equilibria and thermodynamic properties of components in the Cs ₂ O-B ₂ O ₃ -SiO ₂ system at high temperatures. <i>Glass Physics and Chemistry</i> , 2006, 32, 55-62.	0.2	7
88	Calculations of the thermodynamic properties of glasses and melts in the Cs ₂ O-B ₂ O ₃ -SiO ₂ system in the framework of the generalized lattice theory of associated solutions. <i>Glass Physics and Chemistry</i> , 2006, 32, 181-190.	0.2	1
89	Investigation into the vaporization of Al ₂ O ₃ in the presence of carbon at high temperatures. <i>Glass Physics and Chemistry</i> , 2006, 32, 191-195.	0.2	5
90	Glass transition and liquidus temperatures of low-alkali rubidium and cesium borosilicate glasses from the small-angle X-ray scattering data. <i>Glass Physics and Chemistry</i> , 2006, 32, 287-292.	0.2	6

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91	Thermodynamic properties and structure of gaseous metaborates. <i>Glass Physics and Chemistry</i> , 2006, 32, 353-369.	0.2	6
92	Simulation of the thermodynamic properties of glass-forming melts in the Na ₂ O-B ₂ O ₃ -SiO ₂ system in the framework of the generalized lattice theory of associated solutions. <i>Glass Physics and Chemistry</i> , 2006, 32, 422-435.	0.2	0
93	Mass spectrometric investigation of the vaporization and thermodynamic properties of components in the BaO-SiO ₂ system. <i>Glass Physics and Chemistry</i> , 2006, 32, 533-542.	0.2	2
94	Mass spectrometric investigation of the thermodynamic properties of glass melts in the Cs ₂ O-B ₂ O ₃ -SiO ₂ system at high temperatures. <i>Glass Physics and Chemistry</i> , 2006, 32, 543-549.	0.2	2
95	Simulation of the thermodynamic properties of glass melts in the Cs ₂ O-B ₂ O ₃ -SiO ₂ system in the concentration range 0.06–0.50 mole fractions of Cs ₂ O at a temperature of 1020 K. <i>Glass Physics and Chemistry</i> , 2006, 32, 550-564.	0.2	1
96	Thermodynamic properties of gaseous salts formed by cobalt(II) oxide. <i>Doklady Physical Chemistry</i> , 2005, 401, 41-43.	0.2	0
97	Specifics of Light Scattering after Temperature Jumps in Oxide Glasses in the Glass Transition Range. <i>Doklady Physical Chemistry</i> , 2005, 405, 221-223.	0.2	2
98	Vaporization processes and thermodynamic properties of oxide systems at high temperatures: Experimental study and modeling. <i>Glass Physics and Chemistry</i> , 2005, 31, 30-43.	0.2	2
99	Mass spectrometric study of the vaporization and thermodynamic properties of components in the BaO-TiO ₂ -SiO ₂ system. <i>Glass Physics and Chemistry</i> , 2005, 31, 132-137.	0.2	9
100	Calculations of the Thermodynamic Properties of Glasses and Melts in the Na ₂ O-SiO ₂ and B ₂ O ₃ -SiO ₂ Systems on the Basis of the Generalized Lattice Theory of Associated Solutions. <i>Glass Physics and Chemistry</i> , 2005, 31, 763-788.	0.2	6
101	Mass Spectrometric Study of the Thermodynamic Properties of Melts in the Cs ₂ O-B ₂ O ₃ System. <i>Glass Physics and Chemistry</i> , 2005, 31, 789-796.	0.2	7
102	High-temperature thermodynamic properties of the Al ₂ O ₃ -SiO ₂ system. <i>Inorganic Materials</i> , 2005, 41, 362-369.	0.2	27
103	Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XVI. Iron(II) Salts. <i>Russian Journal of General Chemistry</i> , 2005, 75, 325-331.	0.3	4
104	Thermochemical Study of Gaseous Salts of Oxygen-containing Acids: XVIII. Cobalt(II) Salts. <i>Russian Journal of General Chemistry</i> , 2005, 75, 1186-1192.	0.3	4
105	Gaseous Manganese Molybdates and Tungstates. <i>Doklady Physical Chemistry</i> , 2004, 395, 80-83.	0.2	2
106	Thermodynamic Properties of Gaseous Strontium and Barium Ferrates. <i>Doklady Physical Chemistry</i> , 2004, 397, 158-160.	0.2	2
107	Thermodynamic Properties of Gaseous Iron(II) Salts. <i>Doklady Physical Chemistry</i> , 2004, 398, 208-210.	0.2	1
108	Thermodynamic Properties of the MgO–SiO ₂ System by High-Temperature Mass Spectrometry. <i>Doklady Physical Chemistry</i> , 2004, 399, 275-277.	0.2	7

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109	Mass Spectrometric Study of the Thermodynamic Properties of Melts in the CaO-TiO ₂ -SiO ₂ System. Glass Physics and Chemistry, 2004, 30, 142-150.	0.2	5
110	Mass Spectrometric Study of the Thermodynamic Properties of Melts in the Rb ₂ O-B ₂ O ₃ System. Glass Physics and Chemistry, 2004, 30, 151-156.	0.2	3
111	Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XV. Manganese Molybdates and Tungstates. Russian Journal of General Chemistry, 2004, 74, 983-988.	0.3	3
112	Mass spectrometric study of evaporation of alumina in the presence of carbon. Doklady Chemistry, 2004, 399, 257-260.	0.2	8
113	Mass spectrometric study of the Al ₂ O ₃ -SiO ₂ System. Doklady Physical Chemistry, 2004, 399, 302-304.	0.2	1
114	On the Structure of Low-Alkali Rubidium and Cesium Borate Glasses and Melts. Glass Physics and Chemistry, 2003, 29, 267-275.	0.2	3
115	Title is missing!. Glass Physics and Chemistry, 2003, 29, 451-455.	0.2	2
116	Application of the Sanderson Method to the Calculation of Bonding Energies in Oxide Glass-Forming Systems. Glass Physics and Chemistry, 2003, 29, 517-521.	0.2	10
117	Study of the refractive-index variation of glasses in the B ₂ O ₃ -SiO ₂ system during. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2003, 70, 58.	0.2	0
118	Thermophysical characteristics of glasses based on the Na ₂ O-B ₂ O ₃ -SiO ₂ system. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2002, 69, 207.	0.2	0
119	Vaporization and Thermodynamic Properties of Melts in the Na ₂ O-B ₂ O ₃ -SiO ₂ System. Glass Physics and Chemistry, 2002, 28, 112-116.	0.2	12
120	A mass spectrometric study of Al ₂ O ₃ -SiO ₂ melts using a Knudsen cell. Rapid Communications in Mass Spectrometry, 2001, 15, 836-842.	0.7	21
121	A Mass Spectrometric Study of the Thermodynamic Properties of Oxide Melts. Glass Physics and Chemistry, 2001, 27, 3-15.	0.2	14
122	Title is missing!. Glass Physics and Chemistry, 2001, 27, 132-147.	0.2	8
123	High-Temperature Mass Spectrometric Study of the CaO-TiO ₂ -SiO ₂ System. High Temperature Materials and Processes, 2000, 19, 345-356.	0.6	6
124	Vaporization studies of oxide systems using a QMS-420 mass spectrometer. Vacuum, 1998, 49, 161-165.	1.6	8
125	A high temperature mass spectrometric study of the thermodynamic properties of Cu-Mg solid alloys. Rapid Communications in Mass Spectrometry, 1998, 12, 1133-1136.	0.7	4
126	Relative volatility of borosilicate glasses: a mass spectrometric study. Rapid Communications in Mass Spectrometry, 1998, 12, 1330-1334.	0.7	10

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127	A high-temperature mass spectrometric study of the vaporization processes of fluxes based on CaO-CaCl ₂ and CaO-CaF ₂ systems. Rapid Communications in Mass Spectrometry, 1998, 12, 1335-1343.	0.7	3
128	Thermodynamic properties of the UO ₂ -ZrO ₂ system studied by the isothermal mass spectrometric vaporization method. Journal of Nuclear Materials, 1997, 247, 41-45.	1.3	15
129	Vaporization features of oxide systems studied by high-temperature mass spectrometry. Journal of Nuclear Materials, 1997, 247, 7-10.	1.3	5
130	A Knudsen Effusion High Temperature Assembly for a Quadrupole QMG-420 Mass Spectrometer. Rapid Communications in Mass Spectrometry, 1997, 11, 1425-1429.	0.7	6
131	High-temperature Mass Spectrometric Study of the Vaporization Processes in the DyF ₃ -Dy ₂ O ₃ System. Rapid Communications in Mass Spectrometry, 1996, 10, 781-789.	0.7	2
132	High-temperature mass spectrometric study of the thermodynamic properties of the CaO-Al ₂ O ₃ system. Rapid Communications in Mass Spectrometry, 1995, 9, 686-692.	0.7	1
133	High temperature mass spectrometric study of the B ₂ O ₃ -Al ₂ O ₃ system at 1248-1850 K. Rapid Communications in Mass Spectrometry, 1995, 9, 1244-1251.	0.7	8
134	Application of a QMG-420 mass spectrometer for high temperature studies. Vacuum, 1995, 46, 871-874.	1.6	8
135	High temperature mass spectrometric study of 3Al ₂ O ₃ · 2SiO ₂ . Rapid Communications in Mass Spectrometry, 1994, 8, 478-480.	0.7	17
136	Vaporization processes of borosilicate coatings studied by high temperature mass spectrometry and using an induction plasma generator. Rapid Communications in Mass Spectrometry, 1993, 7, 127-131.	0.7	5
137	High temperature mass spectrometric study of oxide systems and materials. Rapid Communications in Mass Spectrometry, 1993, 7, 1022-1032.	0.7	12
138	High Temperature Mass Spectrometric Study of Thermodynamic Properties of the CaO-Ca-SiO ₂ System. Journal of the Electrochemical Society, 1991, 138, 3710-3714.	1.3	26
139	Mass spectrometric study of vaporization processes and thermodynamic properties in the GeO ₂ -P ₂ O ₅ system. Rapid Communications in Mass Spectrometry, 1990, 4, 510-512.	0.7	6
140	Constitution and Thermodynamic Properties of Phosphates of Group IV Elements (Si, Ge, Ti, Zr, Hf). Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 51, 424-424.	0.8	0
141	High Temperature Mass Spectrometric Studies of the Thermodynamic Properties of Glass-Forming Systems. , 1990, , 405-414.		2
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