

# Victor V Gusarov

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#	Paper	IF	Citations
174	Specific Features of BiFeO <sub>3</sub> Formation in a Mixture of Bismuth(III) and Iron(III) Oxides. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 1676-1680	0.7	121
173	Properties of aurivillius phases in the Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -BiFeO <sub>3</sub> system. <i>Inorganic Materials</i> , <b>2006</b> , 42, 189-195	0.9	99
172	Aurivillius Phases in the Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> /BiFeO <sub>3</sub> System: Thermal Behaviour and Crystal Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1603-1608	1.3	63
171	Synthesis of Nanotubular Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> -Ni <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> Silicates at Elevated Temperatures and Pressures. <i>Inorganic Materials</i> , <b>2005</b> , 41, 743-749	0.9	62
170	Preparation of Nanocrystalline Alumina under Hydrothermal Conditions. <i>Inorganic Materials</i> , <b>2005</b> , 41, 460-467	0.9	61
169	New polyimide nanocomposites based on silicate type nanotubes: Dispersion, processing and properties. <i>Polymer</i> , <b>2007</b> , 48, 1306-1315	3.9	56
168	Complex aluminates RE <sub>2</sub> SrAl <sub>2</sub> O <sub>7</sub> (RE = La, Nd, Sm, Eu): Cation ordering and stability of the double perovskite slab/rock salt layer P2/RS intergrowth. <i>Solid State Sciences</i> , <b>2003</b> , 5, 343-349	3.4	52
167	Formation of Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> Nanotubes under Hydrothermal Conditions. <i>Glass Physics and Chemistry</i> , <b>2004</b> , 30, 51-55	0.7	49
166	Synthesis of A <sub>m</sub> Bi <sub>2m</sub> O <sub>3m</sub> + 3 Compounds in the Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> /BiFeO <sub>3</sub> System. <i>Inorganic Materials</i> , <b>2002</b> , 38, 723-729	0.9	43
165	Structural changes in the homologous series of the Aurivillius phases Bi <sub>n+1</sub> Fe <sub>n</sub> Ti <sub>3</sub> O <sub>3n+3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 528, 103-108	5.7	42
164	Phase diagram of the ZrO <sub>2</sub> /BeO system. <i>Journal of Nuclear Materials</i> , <b>2006</b> , 348, 114-121	3.3	39
163	Effects of nanofiller morphology and aspect ratio on the rheo-mechanical properties of polyimide nanocomposites. <i>EXPRESS Polymer Letters</i> , <b>2008</b> , 2, 485-493	3.4	35
162	Corium phase equilibria based on MASCA, METCOR and CORPHAD results. <i>Nuclear Engineering and Design</i> , <b>2008</b> , 238, 2761-2771	1.8	32
161	The thermal effect of melting in polycrystalline systems. <i>Thermochimica Acta</i> , <b>1995</b> , 256, 467-472	2.9	30
160	The Lu <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> system: Relationships for equilibrium-phase and supercooled states. <i>Journal of Crystal Growth</i> , <b>2006</b> , 293, 74-77	1.6	28
159	Phase states in the Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -BiFeO <sub>3</sub> section in the Bi <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> system. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 616-620	1.5	27
158	Formation of nanocrystalline BiFeO <sub>3</sub> during heat treatment of hydroxides co-precipitated in an impinging-jets microreactor. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2019</b> , 143, 107598	3.7	25

157	Influence of microwave and ultrasonic treatment on the formation of CoFe <sub>2</sub> O <sub>4</sub> under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 205-209	0.7	22
156	Phase diagram of the LaFeO <sub>3</sub> -LaSrFeO <sub>4</sub> system. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 674-676	0.7	22
155	Special features of formation of nanocrystalline BiFeO <sub>3</sub> via the glycine-nitrate combustion method. <i>Russian Journal of General Chemistry</i> , <b>2016</b> , 86, 2256-2262	0.7	21
154	Phase diagram of the UO <sub>2</sub> FeO <sub>1+x</sub> system. <i>Journal of Nuclear Materials</i> , <b>2007</b> , 362, 46-52	3.3	21
153	Mechanism of Formation of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> . <i>Russian Journal of General Chemistry</i> , <b>2002</b> , 72, 1038-1040	0.7	21
152	Polymer-inorganic nanocomposites based on aromatic polyamidoimides effective in the processes of liquids separation. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 1136-1142	0.7	20
151	Effect of spatial constraints on the phase evolution of YFeO <sub>3</sub> -based nanopowders under heat treatment of glycine-nitrate combustion products. <i>Ceramics International</i> , <b>2018</b> , 44, 20906-20912	5.1	19
150	Effect of surface melting on the formation and growth of nanocrystals in the Bi <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> system. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 2251-2253	0.7	19
149	Electrical properties of perovskite-like compounds in the Bi <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> system. <i>Inorganic Materials</i> , <b>2011</b> , 47, 420-425	0.9	19
148	Formation of ZrO <sub>2</sub> Nanocrystals in Hydrothermal Media of Various Chemical Compositions. <i>Russian Journal of General Chemistry</i> , <b>2002</b> , 72, 849-853	0.7	19
147	Influence of the preparation conditions on the size and morphology of nanocrystalline lanthanum orthoferrite. <i>Glass Physics and Chemistry</i> , <b>2008</b> , 34, 756-761	0.7	18
146	Comparative Energy Modeling of Multiwalled Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> and Ni <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> Nanoscroll Growth. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 12495-12502	3.8	17
145	The minimum size of oxide nanocrystals: phenomenological thermodynamic vs crystal-chemical approaches. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , <b>2019</b> , 10, 428-437	1.8	17
144	Experimental study of transient phenomena in the three-liquid oxidic-metallic corium pool. <i>Nuclear Engineering and Design</i> , <b>2018</b> , 332, 31-37	1.8	16
143	Modification of films of heat-resistant polyimides by adding hydrosilicate and carbon nanoparticles of various geometries. <i>Russian Journal of General Chemistry</i> , <b>2007</b> , 77, 1158-1163	0.7	16
142	Corrosion of vessel steel during its interaction with molten corium: Part 1: Experimental. <i>Nuclear Engineering and Design</i> , <b>2006</b> , 236, 1810-1829	1.8	16
141	Hydrothermal Synthesis of Magnesium Silicate Montmorillonite for Polymer-Clay Nanocomposites. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 26-32	0.8	16
140	Aggregation of Synthetic Chrysotile Nanotubes in the Bulk and in Solution Probed by Nitrogen Adsorption and Viscosity Measurements. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 12943-12950	3.8	14

- 139 Hydrothermal synthesis of nanotubular Mg-Fe hydrosilicate. *Russian Journal of Inorganic Chemistry*, **2007**, 52, 338-344 1.5 14
- 138 Mechanism of formation of the complex oxide Gd<sub>2</sub>SrFe<sub>2</sub>O<sub>7</sub>. *Russian Journal of General Chemistry*, **2007**, 77, 973-978 0.7 14
- 137 Glycine-nitrate combustion synthesis of nonstoichiometric Mg-Fe spinel nanopowders. *Inorganic Materials*, **2014**, 50, 1247-1251 0.9 13
- 136 Phase relationships in the SiO<sub>2</sub>-TiO<sub>2</sub> system. *Russian Journal of Inorganic Chemistry*, **2011**, 56, 1464-1471 1.5 13
- 135 VVER vessel steel corrosion at interaction with molten corium in oxidizing atmosphere. *Nuclear Engineering and Design*, **2009**, 239, 1103-1112 1.8 13
- 134 Layered silicates with a montmorillonite structure: Preparation and prospects for the use in polymer nanocomposites. *Glass Physics and Chemistry*, **2007**, 33, 237-241 0.7 13
- 133 Phase relations in the ZrO<sub>2</sub>-FeO system. *Russian Journal of Inorganic Chemistry*, **2006**, 51, 325-331 1.5 13
- 132 Experimental studies of oxidic molten corium-vessel steel interaction. *Nuclear Engineering and Design*, **2001**, 210, 193-224 1.8 13
- 131 Synthesis and properties of materials based on layered calcium and bismuth cobaltites. *Russian Journal of Applied Chemistry*, **2015**, 88, 1241-1247 0.8 12
- 130 Prenucleation formations in control over synthesis of CoFe<sub>2</sub>O<sub>4</sub> nanocrystalline powders. *Russian Journal of Applied Chemistry*, **2016**, 89, 851-856 0.8 12
- 129 Eutectic crystallization in the FeO<sub>1.5</sub>-O<sub>2</sub>+xZrO<sub>2</sub> system. *Journal of Nuclear Materials*, **2009**, 389, 52-56 3.3 12
- 128 Phase equilibria in the FeO<sub>1+x</sub>-O<sub>2</sub>-ZrO<sub>2</sub> system in the FeO<sub>1+x</sub>-enriched domain. *Journal of Nuclear Materials*, **2010**, 400, 119-126 3.3 12
- 127 Formation mechanism of nanocrystalline yttrium orthoferrite under heat treatment of the coprecipitated hydroxides. *Russian Journal of General Chemistry*, **2015**, 85, 1370-1375 0.7 11
- 126 Magnetic properties of Aurivillius phases Bi<sub>m+1</sub>FemBTi<sub>3</sub>O<sub>3m+3</sub> with m = 5.5, 7, 8. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2016**, 214, 51-56 3.1 11
- 125 Energy of formation of chrysotile nanotubes. *Russian Journal of General Chemistry*, **2014**, 84, 2359-2363 0.7 11
- 124 The investigation of the structure control possibility of nanocrystalline yttrium orthoferrite in its synthesis from amorphous powders. *Russian Journal of Applied Chemistry*, **2014**, 87, 1417-1421 0.8 11
- 123 Preparation and thermal transformations of nanocrystals in the LaPO<sub>4</sub>-LuPO<sub>4</sub>-H<sub>2</sub>O system. *Glass Physics and Chemistry*, **2009**, 35, 431-435 0.7 11
- 122 Y<sub>2</sub>O<sub>3</sub>-Ga<sub>2</sub>O<sub>3</sub> phase diagram. *Russian Journal of Inorganic Chemistry*, **2009**, 54, 624-629 1.5 11

121	Hydrothermal synthesis of nanotubular Co-Mg hydrosilicates with the chrysotile structure. <i>Russian Journal of General Chemistry</i> , <b>2007</b> , 77, 1669-1676	0.7	11
120	Thermal behavior of layered perovskite-like compounds in the Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -BiFeO <sub>3</sub> system. <i>Glass Physics and Chemistry</i> , <b>2007</b> , 33, 608-612	0.7	11
119	Corrosion of vessel steel during its interaction with molten corium: Part 2: Model development. <i>Nuclear Engineering and Design</i> , <b>2006</b> , 236, 1362-1370	1.8	11
118	Effects of the Starting Material and Hydrothermal Treatment Conditions on the Crystallization of Ultrafine Silica. <i>Inorganic Materials</i> , <b>2002</b> , 38, 227-235	0.9	11
117	Formation of rhabdophane-structured lanthanum orthophosphate nanoparticles in an impinging-jets microreactor and rheological properties of sols based on them. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , <b>2019</b> , 10, 206-214	1.8	11
116	Magnetic properties of synthetic Ni <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> nanotubes. <i>Europhysics Letters</i> , <b>2016</b> , 113, 47006	1.6	10
115	Features of nanosized YFeO <sub>3</sub> formation under heat treatment of glycineβitrate combustion products. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 1193-1198	1.5	10
114	Mechanism of the nanocrystals formation of the spinel structure in the MgO-Al <sub>2</sub> O <sub>3</sub> -H <sub>2</sub> O system under the hydrothermal conditions. <i>Russian Journal of General Chemistry</i> , <b>2011</b> , 81, 2222-2230	0.7	10
113	Effect of heat treatment on structural-chemical transformations in magnesium hydrosilicate [Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> ] nanotubes. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 2079-2086	0.8	10
112	Thermal behavior of LaPO <sub>4</sub> ·nH <sub>2</sub> O and NdPO <sub>4</sub> ·nH <sub>2</sub> O nanopowders. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 102, 809-811	4.1	10
111	Nanocomposite based on polyamidoimide with hydrosilicate nanoparticles of varied morphology. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 2142-2148	0.8	10
110	Simulation of the formation of nanorolls. <i>Glass Physics and Chemistry</i> , <b>2007</b> , 33, 315-319	0.7	10
109	Morphology vs. chemical composition of single Ni-doped hydrosilicate nanoscroll. <i>Materials Letters</i> , <b>2016</b> , 171, 68-71	3.3	9
108	Effect of the structure of precursors on the formation of nanotubular magnesium hydrosilicate. <i>Inorganic Materials</i> , <b>2011</b> , 47, 1111-1115	0.9	9
107	Critical heat flux in a boiling aqueous dispersion of nanoparticles. <i>Technical Physics Letters</i> , <b>2009</b> , 35, 440-442	0.7	9
106	Structural stabilization of Fe <sup>4+</sup> ions in perovskite-like phases based on the BiFeO <sub>3</sub> -SrFeO <sub>y</sub> system. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 313-319	0.7	9
105	Formation and evolution of nanoscroll ensembles based on layered-structure compounds. <i>Doklady Physics</i> , <b>2009</b> , 54, 491-493	0.8	9
104	Magnetic properties of complex oxides Gd <sub>2</sub> SrM <sub>2</sub> O <sub>7</sub> (M = Fe, Al). <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 2000-2001	0.7	9

103	Synthesis of Nanotubular Nickel Hydrosilicates and Nickel-Magnesium Hydrosilicates under Hydrothermal Conditions. <i>Glass Physics and Chemistry</i> , <b>2005</b> , 31, 797-802	0.7	9
102	Phase Equilibria in the Gd <sub>2</sub> O <sub>3</sub> -SrAl <sub>2</sub> O <sub>4</sub> System. <i>Glass Physics and Chemistry</i> , <b>2005</b> , 31, 808-811	0.7	9
101	Kinetics of Formation of Ruddlesden-Popper Phases: I. Mechanism of La <sub>2</sub> SrAl <sub>2</sub> O <sub>7</sub> Formation. <i>Russian Journal of General Chemistry</i> , <b>2001</b> , 71, 1181-1185	0.7	9
100	Cation Redistribution along the Spiral of Ni-Doped Phyllosilicate Nanoscrolls: Energy Modelling and STEM/EDS Study. <i>ChemPhysChem</i> , <b>2019</b> , 20, 719-726	3.2	8
99	Formation of conical (Mg,Ni) <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> nanoscrolls. <i>Doklady Physical Chemistry</i> , <b>2015</b> , 460, 42-44	0.8	8
98	The thermal behavior of mixed-layer Aurivillius phase Bi <sub>13</sub> Fe <sub>5</sub> Ti <sub>6</sub> O <sub>39</sub> . <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 131, 473-478	4.1	8
97	Influence of component ratio in the compound (Mg,Fe) <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> on the formation of nanotubular and platelike particles. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1633-1637	0.8	8
96	Synthesis, mutual solubility, and thermal behavior of nanocrystals in the LaPO <sub>4</sub> -YPO <sub>4</sub> -H <sub>2</sub> O system. <i>Glass Physics and Chemistry</i> , <b>2010</b> , 36, 351-357	0.7	8
95	Influence of corium oxidation on fission product release from molten pool. <i>Nuclear Engineering and Design</i> , <b>2010</b> , 240, 1229-1241	1.8	8
94	Mechanism and kinetics of formation of La <sub>2</sub> SrFe <sub>2</sub> O <sub>7</sub> and Nb <sub>2</sub> SrFe <sub>2</sub> O <sub>7</sub> . <i>Russian Journal of General Chemistry</i> , <b>2007</b> , 77, 979-981	0.7	8
93	Zirconia-based nanocrystals in the ZrO <sub>2</sub> -In <sub>2</sub> O <sub>3</sub> system. <i>Inorganic Materials</i> , <b>2006</b> , 42, 1072-1075	0.9	8
92	Phase and chemical transformations in the SiO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> (Fe <sub>3</sub> O <sub>4</sub> ) system at various oxygen partial pressures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2006</b> , 51, 118-125	1.5	8
91	Kinetics of Ruddlesden-Popper Phase Formation: II. Mechanism of Nd <sub>2</sub> SrAl <sub>2</sub> O <sub>7</sub> and Sm <sub>2</sub> SrAl <sub>2</sub> O <sub>7</sub> Formation. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 43-47	0.7	8
90	Oxidation effects during corium melt in-vessel retention. <i>Nuclear Engineering and Design</i> , <b>2016</b> , 305, 389-399	1.8	8
89	Quality improvements of thermodynamic data applied to corium interactions for severe accident modelling in SARNET2. <i>Annals of Nuclear Energy</i> , <b>2014</b> , 74, 110-124	1.7	7
88	Control over morphology of magnesium-aluminum hydrosilicate nanoscrolls. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1928-1935	0.8	7
87	Nucleation in media in which nanoparticles of another phase are distributed. <i>Doklady Physical Chemistry</i> , <b>2009</b> , 424, 43-45	0.8	7
86	Influence of iron on the kinetics of formation of chrysotile nanotubes of composition (Mg, Fe) <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> under hydrothermal conditions. <i>Geochemistry International</i> , <b>2007</b> , 45, 825-831	0.8	7

85	Phase Relationships in the NaPO <sub>3</sub> Al <sub>2</sub> O <sub>3</sub> Glass-Forming System. <i>Glass Physics and Chemistry</i> , <b>2002</b> , 28, 309-316	0.7	7
84	Kinetics of Ruddlesden-Popper Phase Formation: III. Mechanism of Gd <sub>2</sub> SrAl <sub>2</sub> O <sub>7</sub> Formation. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 684-688	0.7	7
83	Energy model of radial growth of a nanotubular crystal. <i>Technical Physics Letters</i> , <b>2016</b> , 42, 55-58	0.7	7
82	New sacrificial material for ex-vessel core catcher. <i>Journal of Nuclear Materials</i> , <b>2015</b> , 467, 778-784	3.3	6
81	Structural features of ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> -Gd <sub>2</sub> O <sub>3</sub> nanoparticles formed under hydrothermal conditions. <i>Russian Journal of General Chemistry</i> , <b>2014</b> , 84, 804-809	0.7	6
80	Thermal stability and catalytic properties of the composite amorphous Al <sub>2</sub> O <sub>3</sub> -nanocrystals ZrO <sub>2</sub> . <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 217-221	0.8	6
79	Effect of the phase composition of the starting mixture on the formation of the layered perovskite-like compound Bi <sub>7</sub> Fe <sub>3</sub> Ti <sub>3</sub> O <sub>21</sub> . <i>Russian Journal of Inorganic Chemistry</i> , <b>2010</b> , 55, 1541-1545	1.5	6
78	The interaction of nuclear reactor core melt with oxide sacrificial material of localization device for a nuclear power plant with water-moderated water-cooled power reactor. <i>High Temperature</i> , <b>2007</b> , 45, 22-31	0.8	6
77	Crystallization and thermal transformations in nanocrystals of the YPO <sub>4</sub> -LuPO <sub>4</sub> -H <sub>2</sub> O system. <i>Glass Physics and Chemistry</i> , <b>2007</b> , 33, 169-173	0.7	6
76	Physicochemical modeling and analysis of the interaction between a core melt of the nuclear reactor and a sacrificial material. <i>Glass Physics and Chemistry</i> , <b>2005</b> , 31, 53-66	0.7	6
75	Flows in two-dimensional non-autonomous phases in polycrystalline systems. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , <b>1996</b> , 18, 799-805		6
74	Redistribution of Mg and Ni cations in crystal lattice of conical nanotube with chrysotile structure. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , <b>2017</b> , 620-627	1.8	6
73	Peculiarities of structural transformations in zirconia nanocrystals. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	6
72	Core-shell nanoparticles forming in the ZrO <sub>2</sub> -Gd <sub>2</sub> O <sub>3</sub> -H <sub>2</sub> O system under hydrothermal conditions. <i>Doklady Physical Chemistry</i> , <b>2014</b> , 456, 71-73	0.8	5
71	Oxidation effect on steel corrosion and thermal loads during corium melt in-vessel retention. <i>Nuclear Engineering and Design</i> , <b>2014</b> , 278, 310-316	1.8	5
70	Energy model of bilayer nanoplate scrolling: Formation of chrysotile nanoscroll. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 2238-2241	0.7	5
69	Analysis of physicochemical properties of nanoparticles obtained by pulsed electric discharges in water. <i>Technical Physics</i> , <b>2012</b> , 57, 1641-1645	0.5	5
68	Peculiarities of layered perovskite-related GdSrFeO <sub>4</sub> compound solid state synthesis. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 1523-1528	5.7	5

67	Interaction of potassium chloride aqueous solution $Mg_3Si_2O_5(OH)_4$ with the nanotubes based on magnesium hydrosilicate. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 352-355	0.8	5
66	The synthesis and thermochemical study of $(Mg,Fe)_3Si_2O_5(OH)_4$ nanotubes. <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 44-47	0.7	5
65	Distribution of components between immiscible melts of a system under nonisothermal conditions. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 638-642	0.7	5
64	Thermal analysis of formation of $ZrO_2$ nanoparticles under hydrothermal conditions. <i>Russian Journal of Inorganic Chemistry</i> , <b>2006</b> , 51, 1538-1542	1.5	5
63	Phase equilibria in the $LaAlO_3$ - $LaSrAlO_4$ system. <i>Glass Physics and Chemistry</i> , <b>2004</b> , 30, 564-567	0.7	5
62	Choice of Buffer Material for the Containment Trap for VVR-1000 Core Melt. <i>Atomic Energy</i> , <b>2002</b> , 92, 5-14	0.4	5
61	Crystallization behavior and morphological features of $YFeO_3$ nanocrystallites obtained by glycine-nitrate combustion. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , <b>2015</b> , 866-874	1.8	5
60	Formation mechanism of core-shell nanocrystals obtained via dehydration of coprecipitated hydroxides at hydrothermal conditions. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , <b>2018</b> , 568-572	1.8	5
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